
Pushing Limits with

Forbidden CURES

Dr. Mark Sircus

Combining Chlorine Dioxide
with Bicarbonates, Magnesium,
Iodine and Selenium.

Pushing Limits with

Forbidden Cures

Dr. Mark Sircus

**Combining Chlorine Dioxide with Bicarbonates,
Magnesium, Iodine and Selenium**

Copyright © 2022 by Mark Sircus

All rights reserved. No part of this publication may be reproduced, scanned, uploaded, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the copyright owner.

Table of Contents

Desperate Need For New Medical System.....	7
Dr. Sircus's New Protocol	11
Life Depends On Nutrition	17
Personal Note From Dr. Sircus	21
The Tiger Tank Of Modern Medicine	24
Treating Burns With Chlorine Dioxide.....	30
Cleaning and Rejuvenating Our Blood With Chlorine Dioxide	33
More On Chlorine Dioxide.....	38
Is Chlorine Dioxide A Cure For COVID?	42
Oxidative Therapy	46
Invincible Oxygen with Chlorine Dioxide	51
The Frontier of Medicine – Combining Chlorine Dioxide with Bicarbonates.....	55
Vaccine-Induced Cancer Chlorine Dioxide To The Rescue	61
Taking Selenium in a Mercury-Polluted World	67
Breathing to Live Longer	78
Why Iodine Supplementation is So Essential	87
Dentists Use Chlorine Dioxide Just Don't Swallow.....	94
Doctors Should Prescribe Chlorine Dioxide For Oral Care	98
Chlorine Dioxide, Bicarbonate, and Iodine in the Age of Pharmaceutical Resistant Infections	101
The Best Treatment for Vaccine and Viral Induced Myocarditis	108
Principles and Practices of Transdermal Therapy	115
Building a Home Pharmacy and Intensive Treatment Center	127
Taken No Prisoners Cancer Approach.....	130
Innovative Intensive Care.....	134
Magnesium Is A Must In All Medical Protocols.....	136
Protocols and Dosages	144
Methods of Administration	145
Liquid Cancer Treatment.....	150
More On Dosages.....	153
Don't Want to Die From A Stroke?.....	163
Intermittent Fasting and Chlorine Dioxide.....	169
Seven Reasons Why Alkaline Water Is The Most Wonderful Thing Money Can Buy.....	173
What To Do In The First Moments When One Feels A Cold, Flu, or COVID Coming On	176
The Bicarbonate Miracle and Cancer	178
Nothing Like Bicarbonate for Cancer	184

Forgotten Medicines – Sodium, Potassium, and Magnesium Bicarbonate	189
The Bicarbonate Miracle	193
Viruses are pH-Sensitive.....	197
Are Supplements Worth Taking?	203
What If Viral Theory is Wrong? And What If It is Right?	206
Sick, Suffering, and Dying	210
Magnesium for Corona Infections.....	218
Blood Clot Epidemic - The Kill Mechanism of COVID Injections and Infections – Chlorine Dioxide Saves The Day.....	221
Chlorine Dioxide Testimonials.....	227
Radiation Dangers And What To Do About It	240
Do You Want To Live Forever?	247
What are the 21 Basic Causes & 4 Basic Characteristics of Cancers?	252
Emotional Stress Causes Cancer	255
Chlorine Dioxide Treats Autism.....	262
Multiple Causes of Autism Spectrum Disorders.....	266
Vaccine-Induced Mitochondrial Disease.....	270
Edible Clay	273
Cannabis Treats Autism.....	282
Iodine Helps Prevent Autism.....	285
Hydrogen for Autistic Children.....	286
Saving the Day with Sodium Bicarbonate	288
Magnesium Deficiency and Autism.....	290
The Importance of Detox in Autism Treatment	298
Dr. Boyd Haley's Super Glutathione Molecule	302
Gargling With Iodine Beats COVID	309
Magnesium the Key Nutrient for Mental Stability.....	311
Water Cures Dehydration And Facilitates All Medical Treatments	313
Medical Marijuana in the Age of COVID	317
Vaccine-Induced Immune Apocalypse	322
Is There A Cure for Skin Cancer?	328
Is Diabetes Curable? Yes, It Is.....	336
Mitochondria Health, Cancer, Chlorine Dioxide & Supporting Protocol	342
Massacring Cancer with Oxygen and Bicarbonates	347
Important News about Bicarbonates, Cancer, the Pancreas, Diabetes, and Fungal Infections	351
Pharmaceutical Snake Venom Enzymes.....	355

Pharmaceutical Murder With Remdesivir 361

Concentration Camp Earth..... 366

World Health Organization 368

Cancel the FDA 374

Dedication

In 2006, Jim humble started a revolution with his first book, The Miracle Mineral Supplement of the 21st Century. Others before him knew about the potential of Chlorine Dioxide, but it was through Jim's efforts that it was made accessible to the common person. Jim taught people how to make it and use it for themselves. In doing this, countless physical lives have been spared from suffering and early death.

Later others like Andreas Kalcker, Mark Grenon, and Kerri Rivera took up the cause and published their writings and videos about this subject. It was their desire, like Jim, to help people get well. These writings, lectures, and other teachings have helped hundreds of thousands of people get well.

For their work and help curing countless people of countless diseases, they have been persecuted, ridiculed, and even imprisoned by the powers that be.

This book is dedicated to these courageous people that blazed the trail that is being widened through works like this book.

This book is also dedicated to the countless volunteers that have given hundreds of hours of their own time to contribute to this movement. Moderators of chat rooms, translators, on-the-ground trainers, open-minded medical people, and many more. You know who you are.

It is my privilege to be able to write this dedication and to have been able to influence the work that Dr. Mark Sircus has produced.

Blessings in Jesus's name,

The Curious Outlier

Producer of The Universal Antidote Documentary.

<https://theuniversalantidote.com>

Desperate Need For New Medical System



This book comes at a moment of great need, as a plague of death and suffering is hammering humanity. Cancer, heart disease, strokes, and sudden death are escalating after billions received experimental COVID vaccines. New mysterious diseases are springing up with *no clue* as to why because mainstream medicine does *not want to know* why. And now, our nutritional status will crash as a hungry, expensive world visits entire populations with a vengeance.

For physicians and patients alike, this is a frightening and fraught time, with some doctors going as far as saying, 'the art of medicine is lost and has been replaced by fear.' However, fear has never cured anyone and has no place in the appropriate practice of medicine. But that is not how the World Health Organization sees it.

As modern medicine suicides itself with the most dangerous vaccine in history, we must develop a new medicine to take its place. A system that addresses the real needs of people safely and effectively. *Forbidden Cures* is a crash course in medicine. It is about emergency and intensive care medicine that can be practiced at home.

Whatever happens to you, no matter how severe, this book offers immediate lifesaving answers. The protocol in this book will not "cure" everyone, but it certainly will help *every person* still breathing.

You will find in these pages a core protocol to treat cancer, vaccine damages, COVID, antibiotic-resistant infections, fungus diseases, Lyme, and treatments to get out of the hell diabetes brings. In addition, it treats neurological disorders, malaria, burns, and more things than I can mention in one paragraph.

If healthy or sick, the protocol serves as an advanced anti-aging treatment. For athletes, it will turbo-charge them. It helps us be all we can be, no matter who we are.

Too many doctors hurt us with dangerous and often deadly treatments. Every drug is hazardous if it is not natural. So we have to turn to ourselves not only for our own sake but for the sake of our loved ones. We have no choice but to learn a better approach to medicine. Indeed a safer system. And we have to learn fast, so it has to be simple. Yet it has to cover a lot of ground. It has to be comprehensive and address what underlies all chronic diseases yet has to be responsive and powerful enough to help in acute situations.

People are dropping dead at an accelerating pace. Modern medicine has failed. Antibiotic-resistant infections have made hospitals dangerous. However, on top of all the problems we already had, we now have *profound changes in blood chemistry in the vaccinated*. The New York Times reports that more than 5.28 billion people worldwide have received a dose of a COVID-19 vaccine, equal to about 68.8 percent of the world population.

Blood thickness linked with death risk in severe COVID-19

A U.S. study showed that patients hospitalized with COVID-19 whose blood flows less freely than usual are at higher risk of death from complications. The researchers noted in the Journal of the American College of Cardiology study that high blood viscosity impairs flow to small vessels and increases the risk of blood clots.

Data on 5,621 COVID-19 patients treated at six New York City-area hospitals between February 2020 and November 2021 showed that patients with high viscosity had death rates 38% to 60% higher than those with low blood viscosity. According to the researchers, the inflammation associated with COVID-19 likely contributes to high viscosity, damaging blood vessel linings, and clogging arteries.

As we shall see in *Forbidden Cures*, the one medicine that would be ideal for addressing blood viscosity is chlorine dioxide, the most forbidden of all drugs. If there is any substance on the planet that will address the blood problems created by the COVID vaccine and infection, it is chlorine dioxide. It will handle blood viscosity and red blood cells' oxygen-carrying capacity. No pharmaceutical blood thinner can compete or compare.

Dr. Ryan Cole says, "Much of the traditional medicines we use as anticoagulants don't seem to work. This is because they are amyloid-like, congealed sheets of proteins and these micro clots are not standard: they're long, stringy, polypoid, and very rubbery in texture."

Strange Patterns

Strange patterns are emerging, calling for new methods of treatment that this book will provide. Because of current medical and health events, *Forbidden Cures* will deliver a lean and mean cut-to-the-bone protocol that can deal with the hurricane of illnesses caused by spike proteins and COVID vaccines.

Unfortunately, diseases and disorders are happening that doctors and health officials *do not know how to treat*. For example, the rhinovirus, known as the common cold, usually is not severe enough to send people to the hospital -- but now it is. In addition, experts warn that children are being infected with up to THREE viruses at a time because COVID measures have worn down their immune systems and made them vulnerable to illnesses usually only caught in winter.

The isolation of children during the epidemic has made children's immune systems weaker.

Dr. Ryan Cole sees dramatic increases in all types of illnesses, such as **aggressive cancers**, heart disease, strokes, brain problems, and autoimmune disease, to name a few. Dr. Cole says, "We are damaging the immune system. Why are so many people getting sick with other things right now? Because their immune system is suppressed. Is there malicious intent behind what they are doing? We are seeing so much harm and not anybody stopping it." We have a vaccine-induced cancer emergency with zero chance that chemo and radiation therapy will help.



As a result, of these horrific COVID experiments, perfectly healthy people and athletes in the prime of their lives are falling over dead. This phenomenon is called Sudden Adult Death Syndrome. I doubt invading aliens would be so cruel.

Forbidden Cures will put the needed medical firepower directly into the hands of practitioners, patients, and parents alike without resorting to expensive and dangerous pharmaceuticals. Humanity deserves better than how it is being treated by modern medicine. Much better! However, mainstream medicine treats us worse than ever since deciding to champion genetic injections.

In this book, I propose a radically different form of medicine that most doctors, nurses, and alternative healthcare practitioners **need** to embrace because there is not a chance in hell that pharmaceutical companies can come up with drugs to treat any of these new conditions and they certainly do not have anything for vaccine damages except their fantasies that there are no vaccine damages.

Hundreds of millions of lives, if not billions, now depend on a quick reformation of medicine that is not about to happen. Even my own Natural Allopathic Medical approach needed a revision to make it much more robust, and it got that revision recently with

chlorine dioxide. But since the mainstream of life and medical practice has no intent on changing anything, we have to take our health into our own hands.

You Don't Have To Be A Doctor

What if we could bypass the complicated diagnostic gymnastics of modern medicine and go right to a universal treatment approach? To something that everyone can understand and make sense of. Is that possible? Not only is it *possible*, but it will be *necessary* to face the tough challenges and changes bursting onto the mainstream stage of life. For example, when the financial system goes bust, and the economy gets beaten back to the stone age, expensive medicine will not exist. All those costly, dangerous tests will not be available to most people. You will be lucky if you have gas to go down the block. So though you don't have to be a doctor to practice the medicine in this book you need to be a doctor to yourself and possibly to your loved ones.

Conclusion

We need a new approach to medicine, and we need it now. *Forbidden Cures* presents five superstar medicines. However, we can easily expand to ten and even fifteen therapies and medications to back up our core protocol. See next chapter which expands that list to more than 25.

The addition of chlorine dioxide radically changed and empowered my Natural Allopathic protocol. So this book is now a necessary prequel to the rest of my work.

I invite everyone to join me on a medical adventure to utilize the most basic universal medicines in combination to treat disease. And you can join others on this journey, meaning you can [join an inexpensive private group to get support](#).

It's a medical approach whose focus is to treat the common aspects of disease using the most intense super medicines that promote health. Health is the opposite of illness, so healing with health instead of pharmaceutical poisons makes perfect sense.

Guaranteed, the FDA and pharmaceutical companies will hate it, mainly because the lead medicine in the protocol is chlorine dioxide. The rest are natural ICU and emergency room medicines. Even vitamin C is used in the best ICU, but our initial focus will be on magnesium and bicarbonates, both of which have reputations for saving lives when people are heartbeats away from death. Then iodine, selenium, and other vital medicines that can be concentrated for maximum effect.

Special Note: *Forbidden Cures* offers a quest in healing for the large chlorine dioxide community. Dr. Andreas Kalcker and Jim Humble provided the focused foundation for chlorine dioxide. This book sets out to enhance the practice of medicine by integrating chlorine dioxide into the broader world of natural medicine. These two gentlemen started a revolution, laid the foundation, and now we are carrying on.

Dr. Sircus's New Protocol



There is no comparison between using drugs with devastating side effects, even at low dosage, and concentrated natural nutritional substances.

Using chlorine dioxide with bicarbonates, selenium, magnesium, and iodine provide what can be called a biologically guided chemotherapy. Such a cocktail addresses the root issues common to all cancer patients. It is a universal natural chemotherapy that can be administered safely at home. However, we must deal with a lot more than cancer.

In my book *Transdermal Magnesium Therapy* I wrote, "The book you hold in your hands could save your life. It contains information that can extend your physical existence and save you and your loved ones from considerable pain." In my *Hydrogen Medicine* book (Combining Oxygen with Hydrogen and CO₂), I wrote that combining these gasses will usher in an age of medicine where the impossible becomes possible. Now *Forbidden Cures* adds chlorine dioxide to the mix and *thus* the title of this book.

We will see in later pages how hated chlorine dioxide is and how aggressively it is forbidden to use as a medicine to treat disease. It is illegal to use as a medicine to treat disease, except in one country. Everything is banned if chlorine dioxide is included as part of a treatment protocol for disease. The darkness does so hate the light with chlorine dioxide being a most strong chemical light. On that note we can be happy that it is also perfectly legal and safe enough to treat public water supplies and for campers to use it before they drink any water.

So if your dentist tells you to use it for bad breath, for example, it is legal because bad breath is not a medical condition.

The medicines we will focus on in this book are so fundamental to health that nobody should be without them. Here is a listing of my FULL protocol. Commanding these essentials will put a practitioner or patient far ahead of what modern pharmaceutical medicine can do.

Chlorine Dioxide

Magnesium

Bicarbonates (sodium, potassium, and magnesium bicarbonates) (CO₂)

Iodine

Sulfur (DMSO, organic sulfur, MSM)

Selenium (lipid-bound)

Sun Light

Oxygen

Vitamins C and D, B, A, and E

Infrared

Breathing Retraining (Slowing the Breathing Down)

Superfoods like Spirulina, Chlorella, Wheat, and Barley juices

Medical Marijuana

Boron

Hydrogen (inhalation)

Glutathione & Bicarbonate nebulization

Seawater (Atlantic Only)

Melatonin

Detox and Chelation

Clay (Edible, Topical, Baths)

HMD (Natural Chelation Dr. George Georgiou)

NBMI (Dr. Boyd Haley's Chelator)

Glutathione Suppositories

Holistic Medicine

Energy Healing (Reiki, PEMF)

Tears of the Melting Heart (Vulnerability)

Meditation

Exercise

Exercise with Oxygen Therapy (EWOT)

Yoga

Weights

However, there is only so much we can afford and have time to do. Therefore, in terms of medicine, the lean and mean protocol would be the top ten treatments, which are universal and among the least expensive medication one can acquire.

In later editions, we will get to all of them. The main focus, however, will be deep dives into chlorine dioxide, magnesium, bicarbonates, iodine, selenium, and breathing. Medical Marijuana, too, is one of my favorite natural medicines I will include in this first volume. For my work on *Hydrogen Medicine* (officially book two), see my work that suggests getting command of hydrogen, oxygen, and carbon dioxide in the blood is a profound medical practice.

This protocol stands the best chance of curing whatever condition a person suffers from. This goes double if COVID vaccine damages are in play. No matter what the situation, it is vital to have the best tools in your hands to prevent worst-case medical scenarios.

79% of respondents said insulin costs had created financial difficulty for them or those in their care - both with and without health insurance, *The Hill* reports. In addition, 80% of those surveyed said they had to take on credit card debt to afford the drug. On average, diabetic Americans take on \$9,000 of debt to cover these costs. That cost carries profound implications, as 83 percent of respondents indicated they've feared being unable to pay for living expenses — such as clothing, food, and their rent or mortgage — due to high insulin costs.

Forbidden Cures protocol is a cost-effective natural form of treatment. It is natural and safe, but in no way is it weaker than mainstream medical and oncological approaches. In reality, the protocol you will find in these pages is harder hitting than anything modern pharmaceutical medicine can deliver.

Later in the book, we will discuss ICU and emergency medicine because many of the above medications are used to save lives daily in these hospital departments. They do that when there are only minutes separating life and death. Now imagine using these same substances every day until you get well.

With these essential fundamentals in mind, we can change our assumptions of what is possible *and what is not* in medical practice. When I added chlorine dioxide to my system of medicine, what we can successfully treat expanded. Our medical toolbox got heavier with more medical firepower. With *natural drugs* that hold power over life and death.

Three medicines provide an operational core of my protocol. Chlorine dioxide is one arm of a trinity, and it is a magnificent gift from God, miraculous in its deeds, performing miracle after miracle. Bicarbonates are not only gifts from God, but they are essential aspects of the acid-alkaline balance of human physiology. The operational core's third arm is magnesium, which *belongs in all protocols for everything*.

The protocol does battle against the roots of our diseases. Many have used chlorine dioxide alone, but that is like sending in Spider-Man to battle without Captain America, Superman, Supergirl, and Wonderwoman. However, there are more superhero medicines we can add to better the odds of our success.

Deficiencies in bicarbonates and CO₂ are telling, and chlorine dioxide does not address acid imbalances as bicarbonates do. The body has to struggle to make enough

bicarbonates as it is. But when overeating the wrong foods and living in polluted cities, the body gets behind in bicarbonate production and can use a helping hand.

It must be evident that my medical religion is protocol. I never take any medical treatment or substance in isolation. This year, when I thought my protocol was as robust as it could be, chlorine dioxide dropped like a beautiful bomb into my medical practice and now is part of my medical teachings.

One of my favorite doctors, Dr. George Georgiou, calls it "*a God-given molecule.*" I called chlorine dioxide the *Tiger Tank of Modern Medicine*. Chlorine dioxide is devastatingly good. It is devastating to most pathogens and would be devastating to Big Pharma's bottom lines.

Chlorine dioxide offers us the opportunity to invade the body with goodness. Each small molecule of ClO_2 is a powerful invader carrying oxygen on its wings. Once you order your CDS or buy the chemicals to make your own or MMS, join a [Telegram group](#) dedicated to helping new users.



"I have been a nail technician for more than a year, and I use CDS for everything. One of my clients, who works in a factory, suffered an accident at work. Her finger was caught in a machine and injured. The doctor told her she needed a skin implant on her finger. She came to me to have her nails removed, but due to her skin injury at that time, I could not do it. So I suggested protocol "D" (Dermatological) using undiluted CDS.

The 1st photograph shows how it looked when she arrived.

The 2nd photograph was taken 15 minutes after applying CDS for the first time.

The 3rd photograph was taken two weeks after starting CDS.

The 4th photograph was taken four weeks after starting CDS.

Chlorine dioxide is taboo and illegal in all countries except Bolivia, even though dentists, doctors, water purification experts, and even NASA know it only does good. However, it is legal everywhere as long as you do not specifically say you are using it to treat a medical condition.

No matter who you are and what you feel, know that you can take immediate steps to better your situation. It does not matter if you have cancer, COVID, some neurological disease, suffer from heart inflammation, or are facing the devastation of vaccine damage. You do not need to waste a day waiting for answers from doctors and their tests.

In the end, a person might need a Panzer division of helpful medicines and health practices to dig themselves out of a hole in their attempt to eliminate pain and get back to health. First, however, we need to begin somewhere, so we might as well start with the most fundamental medicines that address the body's needs. Unfortunately, as almost everyone knows, pharmaceuticals cannot do that.

*In our collapsing and even suiciding civilization,
trust is dead. If you cannot trust your doctors and
government health officials, you will have to trust yourself.*

Dr. Russell Blaylock: "High probability, we're going to see **a real spike in childhood cancers** because of this, and they're ignoring that. One of the frightening studies was [that] it impairs DNA repair, and these DNA repair enzymes are very efficient at fixing that damage. Well, they found that after the vaccination, the vaccine actually impaired two of the most critical of these DNA repair enzymes ..."

Radiologist: "I just saw two high-grade breast cancers in two 31-year-old women four weeks after their booster." Chair of Oncology at a large hospital: "I usually see an aggressive brain cancer in a young patient about every decade or so. I've seen five in the last month after the boosters."



This man treated his ear cancer by drinking MMS and spraying it topically. Here is the result after 30 days.

How do we hope to treat such cancers and all the other vaccine damages? We will see in a later chapter the vaccine blood damages that are occurring and what we do about that. But in general, we have to apply an avalanche of health, a healing protocol that will overwhelm the forces and factors dragging us down to misery and death. We have to fight back with intense health beginning with these five natural, superstar medicines.

Conclusion

We are talking about a simplified way of practicing medicine. So simple, one can apply the protocol no matter their medical situation. If one is in pain and fear, the object is to do things you know will be good. With pharmaceuticals, we are always in doubt about their goodness because the downside of side effects often feel like the main effect of the drugs we are taking.

Because of the power of these prime medicines, which are often used in ICU and emergency rooms to save lives when there are only minutes left to do so, we can expect within a few days to at least stabilize our situation and sometimes feel improvement.

We are not talking about supplementing with these medicines (natural agents). We are talking about using them with the intensity one might expect from an ICU doctor. But, because we are *not* talking about using intravenous or injection methods, it's legal to do it at home without a doctor.

Even chlorine dioxide is legal everywhere and easily obtained or made at home if your rationale for using it is for water purification. In *Forbidden Cures*, we will learn many reasons we should use it to purify the waterways inside our bodies.

Life Depends On Nutrition



Did you know that common natural medicines used in ICU and emergency departments could reduce older people's suffering? Do you know that pharmaceutical interests deliberately repress these medicines even though they are used to save lives daily? Why? Because they are natural and dirt cheap. They threaten the bottom line of Big Pharma. These companies deny the public and doctors the most critical lifesaving healing medicines for money.

Modern medicine is flawed. The flaw is deliberate. Most people still live in ignorance about health and medicine because wealthy companies (and the people who run them) want it that way.

When you look up any disease online, you will not see the primary underlying causes because then, the truth comes out that most conditions are **underlined by nutritional deficiencies** and **toxic conditions** that lead to increased illness as we age; *that* and personal bad habits, lack of exercise, bad diet, breathing too fast, and stress.

As Lawrence Haddad, co-chair of the Global Nutrition Report Independent Expert Group, stated, “We now live in a world where being malnourished is the new normal. It is a world we must all claim as totally unacceptable.” At the same time, malnutrition is the leading driver of disease, with nearly 50% of deaths caused by nutrition-related non-communicable conditions in 2014. Unfortunately, global destabilization, starvation, and mass migration are increasing fast, with more famines to be expected, basically guaranteed.

[“No Farmers, No Food, No Life”](#) predicts a global catastrophe. Carla Peeters at the Brownstone Institute reminds us that malnutrition is responsible for more ill health than any other cause. “The increased risk of food and water shortages the world is facing now will bring humanity to the edge. Malnutrition is influenced by food and water shortage and exposure to extreme stress, fear, insecurity, social factors, chemicals, microplastics, toxins, and over-medicalization.”

Life depends on nutrition. And it depends on the air we breathe (oxygen and CO2 are nutritional agents), and it also depends on light, which is also nutritional. Without nutrition, there is no life. A good analogy is that we need gas and oil to run a car. When

we run out of gas, our vehicle stops. When we run out of oil, our engine seizes. When we are very low on oil, our car seems to run fine, but when confronted by a stress challenge, like running up a long steep mountain road, we might not make it to the top.

Thousands of studies have uncovered a clear and distinct relationship between vital nutrients and cancer. For example, in my book *Sodium Bicarbonate*, I talk about an influential study where a potent carcinogen known as DMBA was given to a group of female rats. Then the rats were given none, one of four, two of four, three of four, or all of four nutrients: the minerals selenium and magnesium and vitamins C and A.

When no nutrients were administered, all of the rats developed breast cancer. When one of the nutrients was given, 46.4 to 57.1 percent of the rats developed tumors, depending on the nutrient. When two of the nutrients were given in combination, the tumor incidence decreased to 29.9 to 34.6 percent, depending on which nutrients were used. Administration of nutrients in groups of threes further reduced tumor incidences, reaching somewhere between 16 to 23.1 percent. And when all four nutrients were given together, tumor incidence dropped to 12 percent. Human DNA is almost identical to that of rats.

Life is diminished physically and mentally when people and children are malnourished, leading more quickly to a life of pain and disease. Being hit by a virus is like being confronted by a steep mountain road. That is if you believe that about viruses. (See the chapter discussing the rightness and wrongness of viral theory.)

Nutrients play a vital role in the defense against infectious diseases and regulating inflammation, which, when chronic, leads to chronic diseases. However, we humans need more than gas and oil. The greatest and telling deficiency is magnesium, and as we age or live in toxic environments, we become more and more deficient in bicarbonates and CO₂ in the blood.

One group of medical scientists tested this out with COVID. They measured concentrations of vitamins B1, B6, B12, folate, vitamin D (25-hydroxyvitamin D), selenium, and zinc in 50 patients with COVID-19. Vitamin D deficiency was in 76% of patients, and selenium deficiency in 42%. There was a significant difference compared to a control group of 150 people (vitamin D deficiency of 43.3%). Among 12 patients with respiratory distress, 11 people, or 91.7%, had one or more nutrient deficiencies. Almost all COVID-19 patients with respiratory distress were classified as nutrient-deficient.

Studies show that as many as half of all Americans do not consume enough magnesium. Magnesium deficits have been tied to allergies, asthma, attention deficit disorder, anxiety, heart disease, muscle cramps, and other conditions.

Low magnesium levels make vitamin D ineffective, according to a review published in *The Journal of the American Osteopathic Association*. The standard diet in the United States contains only approximately 50% of that, meaning as much as half of the total population is magnesium deficient, according to the study. In addition, according to the study, magnesium status is low in people who consume processed foods high in fats, refined grains, sugar, and phosphate.

An old government study showed that 68% of Americans did not consume the recommended daily magnesium intake. Even more frightening are data from a study showing that 19% of Americans did not consume even half of the government's

recommended daily magnesium intake. The numbers are not just staggering but catastrophic because the wrong magnesium tests were used, meaning these numbers are a gross understatement.

According to the U.S. Department of Health and Human Services, nearly all of us fail to achieve even the modest magnesium RDAs of 420 mg for adult males and 320 mg for adult females. Most American adults ingest about 270 mg of magnesium daily, well below the RDA and enough to generate a substantial cumulative deficiency over months and years.

Most magnesium tests are inappropriate, just like COVID tests. In my opinion, at least 90 percent of the population is magnesium deficient, which would be confirmed if the magnesium cell levels, as opposed to blood levels, were tested.

There has been a steep decline in dietary magnesium in the United States, from a high of almost 500 mg/day at the turn of the last Century to barely 175-225 mg/day today.

Death From Nutritional Deficiencies

The more deficient we are in vital nutrients, the easier it is to die. It is as simple as that. That is precisely why a list of nutritional agents makes the best medicines when concentrated and administered directly into the bloodstream.

COVID showed that one would not die if one's serum vitamin D levels were high enough. Yet we read in the mainstream, "*Diseases caused by nutrient deficiency are rare in the United States*," published in the New York Times in 2009.

Magnesium deficiency appears to have caused eight million sudden coronary deaths in America during the period 1940-1994.

Paul Mason
The Magnesium Librarian

But did you ever hear of one person dying of magnesium deficiency? Millions of men and women have died of cardiac arrest because of magnesium deficiencies. Throw in millions more from strokes. Then the terrible suffering of diabetes and all the deaths from that.

Bicarbonate Ignorance

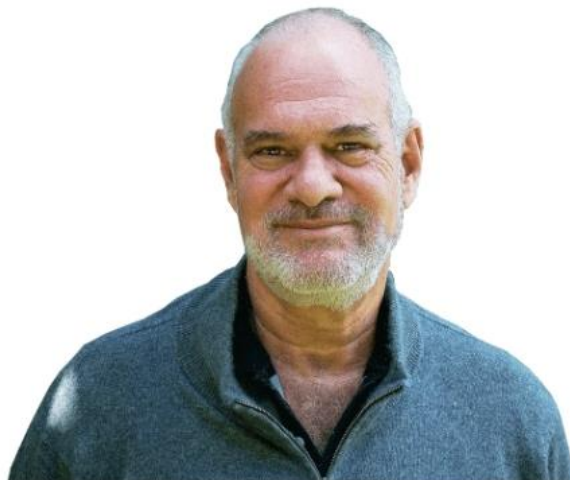
As much as doctors overlook magnesium as more valuable than any pharmaceutical, even more can be said about sodium bicarbonate, which though inexpensive and widely available, is a powerful, almost instant-acting medicine used in ambulances, emergency rooms, and ICU departments. Though bicarbonate addresses CO₂ and bicarbonate deficiencies in the blood, increases cell voltage (pH), and improves oxygen delivery to the cells, it remains a most ignored medicine.

Every cancer patient should be taking bicarbonates because it **hits cancer cells where they are most vulnerable**. In addition, bicarbonate will make other therapies more effective. And when was the last time any doctor that has anything to do with diabetes

noticed that acidic, low oxygen conditions easily compromise pancreatic function and its production of bicarbonates?

Some people avoid COVID-19 infections, but medical scientists don't know why. They are [pathetic with their guesses](#), and you will not hear a word about nutritional status even though early on, we saw that vitamin D status was crucial for COVID-infected patients. Again and again, we see modern medicine as a miserable failure, and it is clear and easy to see why.

Personal Note From Dr. Sircus



I was on the road to Damascus when an angel struck me, but it was a chemical angel, chlorine dioxide, in this case. My Damascus experience was with a COVID infection which the chlorine dioxide cured in one day. It was love at first sip. So chlorine dioxide is a chemical angel, and many know it.

Chlorine dioxide captures both minds and hearts and delivers people, medically speaking, into a promised land where unthinkable improvements and even cures can be realized. One of the most significant challenges of my medical career has been the work of integrating chlorine dioxide into my Natural Allopathic protocol. During this process, my wife said that I should not consider my work a protocol anymore but a system of medicine and that chlorine dioxide belonged in it.

Part of the difficulty is that the FDA has violently rejected chlorine dioxide as a substance that can be used to treat disease, so doctors would lose their licenses if they prescribed it. But that has not stopped an army of people from using it. It is as safe as apple pie, but the mainstream would have you roll up your sleeve and take extremely dangerous experimental genetic injections.

Though it has been used for water purification for decades, heavily used by the agricultural sector, a non-medical person discovered that it could easily wipe out malaria in one or two days of administration. Jim Humble was the man, and he made it his business to explore and expose millions to the use of this simple biocide that is famous for taking out viruses, bacteria, and fungus in any water it is put into. Campers know this. Dentists know this.

To give a small picture of how simple a powerful approach to medicine can be, read this off-the-cuff response. I shared this in an online group with a husband asking what to do about his wife's breast cancer. I said:

You can treat with chlorine dioxide, sodium potassium and magnesium bicarbonates, magnesium chloride, high doses of selenium, and iodine. If you got

the money, get a hydrogen inhalation machine and an infrared mattress to get you started. Topical treatments on the breast include clay packs, sun exposure, painting with iodine, and lots of magnesium oil applied topically to the breast and the rest of her body with super sensitive massage. Then, chlorine dioxide is used orally and topically on the breasts.

And count her breathing per minute. She will probably have to slow that way down, so include between 20 and 60 dollars for a breathing retraining device. The best one is the Frolov. Try Amazon. That's a lean and mean protocol. One can always do more. Use DMSO.

The first thing is to get her urine pH up to eight with the bicarbonates; you can do this quickly if you take enough. Then start the chlorine dioxide though you can start immediately with topical on the breast. And love her like you never loved her before. Drown her in love when you give her magnesium massages. Love her every minute of every day. Put at least 15 minutes between bicarbonate dosages and chlorine dioxide, and take your antioxidants starting an hour after the last dose of chlorine dioxide.

There are just certain healing substances that stand out that address the desperate needs of the body. Magnesium, iodine, selenium, sulfur, and bicarbonates address needs that chlorine dioxide cannot. In *Forbidden Cures*, we will focus on integrating chlorine dioxide with these other heavy-hitting nutritional medicines I have written books about.

In another spontaneous communication, I told a person to take their breathing seriously. There is nothing more important in your life than your next breath. If you don't take it, you are dead in a few minutes. SO HOW YOU BREATHE IS INCREDIBLY IMPORTANT.

Everyone should read my lips on this. It is impossible to be healthy and breathe too fast. No matter how much chlorine dioxide one consumes, this will still be true. That is why, even though we have a superhero, fantastic, magical medicine in chlorine dioxide, we should not lose focus on the other superhero magical medicines and health practices.

"I've been taking Miracle Mineral Solution (MMS) to shift a chest infection caused by an ear infection and caught a cold on top of this. Felt lousy. I added 6-10 drops of 2% Lugol's iodine yesterday, and suddenly my chest is nearly clear! I gargled it too."

I was delighted to get this testimony. It again confirmed what I am pushing for: combining chlorine dioxide with other equally critical and potent substances. Diehard chlorine dioxide users might argue. *Will not these other substances cut down on the effectiveness of chlorine dioxide?* On the contrary, they will add to the efficacy, as shown above. So, the work of this book is to take chlorine dioxide and make it more helpful than before. We will combine chlorine dioxide into a protocol with other equally powerful medicines addressing absolute needs in the body.

Activated MMS spray has reduced a bump on my nose by 80%

"About 30 years ago, the doctor lanced a pimple on my nose on a doctor's visit. Unfortunately, she did something wrong, as it caused a bump to form on the side of my nostril that persisted for years. It made me self-conscious, and I imagined I looked like a witch with a wart. Well, I have been spraying MMS on my face for the past few months, and the bump has gone down. It is almost completely gone now. I am older but look less like a witch. I hope some wrinkles reduce also."

Conclusion

This book ushers in a new age of chlorine dioxide use and a system of medicine with universal applications that can be learned quickly. That is the primary purpose of this book. I have always written my medical texts in a style that allows people to proceed independently though I have provided consultations and an online private clinic to give continuing support.

However, I will do something new that will be very cost-effective for the readers of *Forbidden Cures*. I will create a group clinic exclusively for the readers and practitioners of this medical approach. One can get *Forbidden Cures* for free if one joins the group (99 dollars), get six months of support, and be a part of a new community dedicated to supporting its members through this time of upheaval.

The book is required reading for the group. Six months of private support in my online clinic costs 48 times more than this new group, so I recommend the group to everyone.

The Tiger Tank Of Modern Medicine



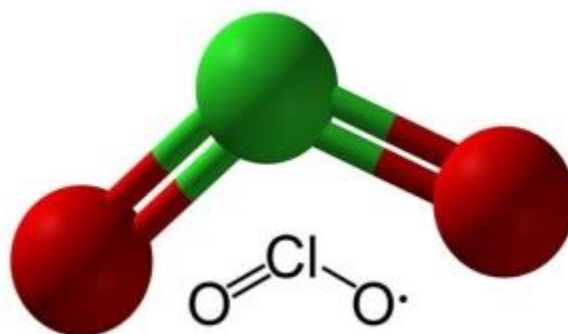
The American Society of Analytical Chemists stated in 1999 that chlorine dioxide was the most powerful pathogen killer known to man. In 1988 NASA declared chlorine dioxide '[A Universal Antidote](#),' saying it was "*able to destroy mold and fungus, as well as bacteria and viruses, with minimal harm to humans, animals, or plants.*" Though approved by U.S. regulatory agencies, it was not considered for internal use in people. Now, not only is it *not* approved for medical use, the FDA will huff and puff and blow your house down (and send you to jail) if you dare sell chlorine dioxide as a medicine for treating disease.

Our immune systems do not care at all about what the FDA thinks. Chlorine dioxide is a highly effective weapon that the immune system welcomes enthusiastically. It's a weapon for health and a medical tool that has no equal in modern medicine. It is a savior medicine when dealing with hospital antibiotic-resistant bacteria like MRSA. But, the FDA would rather you die than use chlorine dioxide to clear your body of lethal pathogens. It would hurt the bottom line of pharmaceutical companies so much that it just cannot be allowed.

Chlorine dioxide is already thought of by millions of users and thousands of doctors as a magical miracle substance -- because it is. The work of *Forbidden Cures* is to take this miracle medicine and raise it to a height that will make it more helpful than ever before. Until now, it was primarily used as a stand-alone cure. This book changes that.

Some senseless sites deny what NASA said. But just go to the link above and read NASA's linked document. The FDA is the prime organization in denial of chlorine dioxide and all safe, helpful medicines for the treatment of COVID. They are all *for* subjecting entire populations to experimental genetic vaccines, whether you like it or not, turning the world into one giant concentration camp. So now you know my medical politics.

Going From Wrong To Right



The best thing about admitting one is wrong is that you get to be right. I wrote against using MMS (chlorine dioxide) in 2011 because I was writing a book about iodine, which has as many antiviral, antibacterial, and anti-fungal effects as chlorine dioxide. My bias was that "the body needs iodine," whereas chlorine dioxide was a foreign element -- it would have some toxicity. But, it turns out chlorine dioxide would be safer than aspirin. Much safer. This book is my way of saying sorry and making up for eleven years of lost time.

A study from the University of Georgia warns that many Americans' beliefs about aspirin's preemptive heart benefits are wrong. Instead, the authors say that taking daily aspirin may do more harm than good. Just imagine the rest, sometimes as high as 27 pharmaceutical drugs given together, if the safest over-the-counter medicine has serious side effects.

Chlorine dioxide is a substance that provides oxygen to tissues and all body fluids, activates the mitochondria of cells, and generates more energy, which allows the body to recover. In addition, chlorine dioxide provides needed oxygen to hypoxic regions of the body.

The first place it does its magic is in the red blood cells. So powerful is this effect that chlorine dioxide can cure malaria in hours. It will improve blood dynamics almost instantly. It will do so much good that the wrong people on the planet cannot stand it.

Chlorine dioxide is a superman medical substance, but even superman had some limitations. So it's good to understand what this magical mineral substance cannot do. Since it is not nutritional except for Oxygen (Oxygen is nourishing), it cannot replace and address magnesium deficiencies. It cannot do that for iodine or selenium deficiencies and will not slow a person's breathing to a healthier rate.

Chlorine dioxide can undoubtedly beef up oxygen supplies to the cells in a targeted sense, meaning **it will get that oxygen precisely to the most needed places**. But it will not address bicarbonate or vitamin D deficiencies. It is not a substitute for the sun. We can call it magical, and it delivers miracles, but that is no excuse to ignore other real body needs.

It is hard to dispute; once you know chlorine dioxide like millions already do, it is the *Tiger Tank* of medicine, the spear's point, an essential treatment that the FDA will never

accept. It is too good to be true, *but* it is true, as campers and water treatment systems operators have known for decades.

Chlorine dioxide empowers the immune system and dramatically assists it in its battle against pathogens and diseases. Though it is not the *only* oxygen therapy that can and should be employed, it is best if near-instant results are required, which is crucial if you come down with COVID and suffer from a severe drop in oxygen.

There are many clinical strategies for using increased oxygen to destroy pathogens. Germs are not comfortable in the presence of too much oxygen. They become "oxidized," meaning that electrons are pulled from the walls of viruses (poisons) or bacteria in the presence of excessive oxygen.

Iodine also destroys all categories of pathogens and is required by all the body cells because it is responsible for metabolism. It should be taken with chlorine dioxide because it is usually deficient in modern man.

Sodium bicarbonate acts like chlorine dioxide and will increase oxygen delivery to the cells as it increases cell voltage. But it will not go for the killer punch against pathogens like chlorine dioxide. But it will create the conditions for higher oxygen delivery, so it's the perfect partner to chlorine dioxide.

If one has a heart attack or other serious heart problems, magnesium would take the place of chlorine dioxide and become the lead medicinal to administer. In ICU and emergency departments, it is either injected or given intravenously. These are some of the best natural medicines. Though chlorine dioxide is not entirely natural, it has lower toxicity than aspirin. Much lower.

Chlorine Dioxide

*Chlorine dioxide is not well known, is not understood,
and is even demonized in the medical community.*

So what is chlorine dioxide, and why should everyone have some ready at home? Dr. Stephanie Seneff, writing for the Weston Price organization, says, "Chlorine dioxide (CD) is a strong oxidizing agent that has many applications in wastewater treatment and food disinfection. It is popular among campers as a way to disinfect water taken from a lake or stream before using it as drinking water. In recent years, it has become a popular treatment choice among alternative medicine specialists for various diseases and conditions, despite the fact that the mainstream medical establishment has come down very hard against it. To say that it is controversial would be an understatement."

"A gas at room temperature, chlorine dioxide is highly soluble in water. It is made by mixing 28 percent sodium chlorite solution with an acid such as citric acid or hydrochloric acid. Chlorine dioxide spontaneously breaks down into hypochlorite and superoxide with its very simple molecular structure (one chlorine atom and two oxygen atoms). These two molecules are commonly produced by living cells, particularly immune cells in response to an infection."

Chlorine dioxide is a powerful antimicrobial compound with a long history of use - mostly known for its ability to sanitize drinking water (the last 60 years being the primary

chemical used in municipal water supplies). The reason being is that it works & works well. There are very few pathogens that can stand up to chlorine dioxide.

Once dissolved in water, this gas releases free oxygen - much in the same way as hydrogen peroxide will. The magic happens when oxygen & chlorine are bound in one molecule; there are VERY few pathogens found in water that can survive coming into contact with this compound! As a result, this compound has become the chemical of choice for water sanitation worldwide!

Dr. Puya Yazdi states firmly, "Chlorine dioxide is an antiviral. It destroys the proteins on the outside of viruses and degrades the virus."

Chlorine dioxide gas is effective against:

- Human influenza (IFV)
- Measles
- Human herpes (HHV)
- Human adenovirus (HAdVs)
- Influenza A (in mice)

Chlorine dioxide solution also inactivated human and monkey rotaviruses (that cause diarrhea) and hepatitis A.

The first clinical study published in the Journal of Molecular and Genetic Medicine with chlorine dioxide for therapeutic use in humans demonstrates its effectiveness and safety in the treatment of COVID-19.

In Bolivia, Law No. 1351 of 2020 was approved that authorized the preparation, commercialization, supply, and use under consent of the CDS chlorine dioxide solution, as prevention and treatment in the face of the COVID-19 pandemic.

The therapeutic action of chlorine dioxide against COVID-19 is given by its selectivity for pH and viral size. This means that the ClO₂ dissociates and releases oxygen when it comes into contact with the virus. When it dissociates, it becomes sodium chloride (common salt) and simultaneously releases molecular oxygen O₂, which in turn helps local cell recovery.

ClO₂ is an antimicrobial agent whose action is selective by size, and therefore it does not affect human cells due to its large size compared to the virus. However, it is highly effective on all viruses, including COVID-19 with all its variants and strains.

A significant advantage of the therapeutic use of ClO₂ is the **impossibility of viral resistance**. The cause of the antiviral effect of chlorine dioxide in SARS-CoV-2 can be explained by its actions on the amino acids of the virus (cysteine, tryptophan, tyrosine, proline, hydroxyproline).

Oxygen

Pure oxygen is dangerous and will kill living cells just as quickly as pathogens or cancer cells. Pure oxygen is too toxic, so CO₂ is always added to oxygen tanks to make oxygen safer. Hydrogen gas (H₂) also makes oxygen safer and adds healing power to the mixture of Oxygen and CO₂. In my book *Hydrogen Medicine*, I explore the profound healing and anti-aging effects achieved when one combines hydrogen with Oxygen and CO₂, the primary gasses of life.

However, the human race needs an inexpensive oxygenating agent that kills pathogens specifically while not harming normal human cells. Chlorine dioxide is that agent and works uniquely different from other oxygen therapies.

Chlorine dioxide molecule oxidizes with the two oxygen atoms released and sucks out FIVE (5) electrons from pathogens using the CHLORINE ATOM. There's a HUGE difference between chlorine (Cl₂) and the disassociated chlorine ion. There is no chlorine in chlorine dioxide but don't bother telling the FDA that they don't want to know. Table salt has Cl in it, but no one thinks of it as bleach.

Each ClO₂ gas molecule is self-sacrificing. It is used up after one or two killings. Unlike drug store pills where you expect a chemical or drug to compromise a hundred things before being used up, this ClO₂ gas gets used up rather quickly in a clean burn that enhances recovery from disease.

As the chlorine dioxide gas is released in the stomach, red blood cells pick up a considerable amount of it. So they are the first cells to benefit from chlorine dioxide. Chlorine dioxide is "hungry" to find any object with electrons to give up. That is its magic.

Upon coming near any virus or pathogen, it snaps into contact with the germ, ripping electrons from the pathogen's wall through magnetic force. The internal parts of the pathogen fall apart unprotected by their normally resistant outer shell. Chlorine dioxide treatments cause site-specific capsid protein backbone cleavage, inhibiting viral genome injection into the host cell.

Conclusion

To watch a free documentary about this revolutionary substance (Chlorine Dioxide), and download a free beginner series training guide that teaches you how to make and use it go to:

<https://theuniversalantidote.com>

Pharmaceutical companies have a stranglehold on modern medicine. They discourage or act aggressively against all-natural medication *and* what they can do. This is true even with natural treatments used in emergency rooms and ICU, where magnesium, bicarbonate, and iodine are routinely used.

In the age of COVID vaccines, aggressiveness has even been directed against pharmaceutical medicines like Ivermectin and early treatment protocols proposed by many fine doctors to keep patients away from the terrible/deadly treatment COVID infected patients receive in hospitals.

The world would be better and safer without the FDA, which is just a front organization for pharmaceutical companies. The FDA lost all integrity and the trust of clear-thinking people when they approved experimental genetic injections.

And they prove to be against the health of the human race when they reject chlorine dioxide, *which is already widely used by several industries because it works as advertised*. It clears public water supplies of viruses, bacteria, and fungus. What chlorine dioxide legally (with FDA approval) does to water treated with it — it does to the human system when taken orally or transdermally.

**Chlorine dioxide can be made inexpensively
at home or purchased in the "CDS" form.**

In 1996, while on a gold mining expedition in South America, Jim Humble discovered that MMS (chlorine dioxide) quickly restored health to malaria victims. He said, "Since that time, it has proven to restore partial or full health to hundreds of thousands of people suffering from a wide range of diseases, including cancer, diabetes, hepatitis A, B, C, Lyme disease, MRSA, multiple sclerosis, Parkinson's, Alzheimer's, HIV/AIDS, malaria, autism, infections of all kinds, arthritis, acid reflux, kidney or liver disease, aches and pains, allergies, urinary tract infections, digestive problems, high blood pressure, obesity, parasites, tumors and cysts, depression, sinus problems, eye disease, ear infections, dengue fever, skin problems, dental issues, problems with prostate (high PSA), erectile dysfunction, and many others. The MMS protocols in my book have also been used to overcome addictions to alcohol and drugs, such as heroin and others, without side effects, and the list goes on."

For almost two decades, MMS and CDS have been one-man shows, with people putting chlorine dioxide so much in the first place that there has been little room for other vital medicines to be used to their full potential. *Forbidden Cures* addresses this issue though it still puts chlorine dioxide first in its protocol.

Treating Burns With Chlorine Dioxide



Top left picture of the face burns - on the right burns 24 hours after applying MMS (chlorine dioxide) every hour for 18 hours. The other burns on my right hand and lower back took two weeks longer because we could only put MMS on when we cleaned them twice daily-every 12 hours. The MMS spray was made with the residuals from making the CDS. 100ml of residuals mixed with 8oz of distilled water

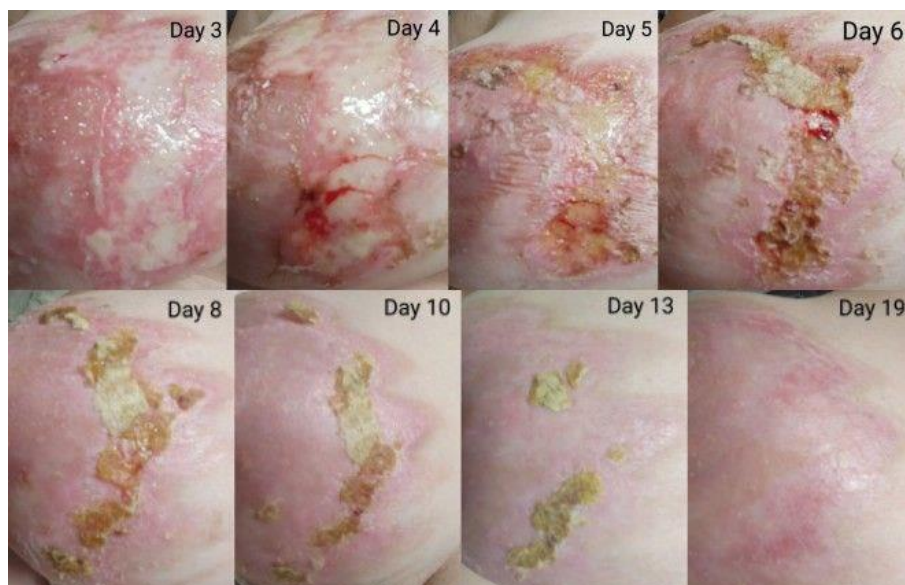
Donovan Hohmann wrote me saying, "I recently had some 3rd degree burns on 25% of my body. Spent 3 day in San Antonio Texas burn unit. After getting out my wife and I keep MMS on the burns when we cleaned them twice a day. When we went back for a follow up check up. The burn unit was amazed at how fast they healed. We told them we had a secret solution. They asked if we would share it, because they would like to look into it. I told them what the ingredient were. They said I think we use it here. I said if you do it's in small amount and it had to be in the water you used on me when you cleared the burns. They got the bottle and read the ingredients. Sure enough sodium chlorite and hypochlorite acid and water.



My husband hit his forehead on a tree branch while driving the ride on a mower and took a huge chunk of skin off practically to the bone. Sprayed it immediately and daily with CDS, and the healing was miraculous. A week later, you can not even see any scarring.

Barbara Mavridis

Other valuable burn therapies would be topical medical marijuana salve, hydrogen inhalation, and sodium bicarbonate to calm the blood and help the body deal with toxicity. Magnesium is essential and can be used topically (diluted at first) after much healing has progressed. Iodine and selenium will help as well.



"I spilled hot liquid from a pressure cooker on my chest. Yes, this was stupid. Never again! It resulted in a nasty burn and loss of skin. I was definitely in pain and scared but

more stubborn about doctors and hospitals, so I did not seek any "professional" treatment. I tried multiple things the first day, including raw egg, lavender, peppermint, gauze soaked in tea, and gauze soaked in CDS and DMSO. All helped the pain, but CDS and DMSO were by far the best. Peppermint helped with cooling the first three days but wasn't needed after that. By day five, it was sufficiently scabbed over, and I no longer experienced any pain, but I continued with DMSO and CDS to prevent infection and scarring. Day 1-5, I used CDS and DMSO 4 to 8 times daily. Day 6-8, I only used CDS because I would be out in public and didn't want to stink. Day 10-19 used CDS and DMSO twice a day. This is one of several health problems CDS and DMSO has helped my family and me. I thank God for these two products," writes Suzy Moran.

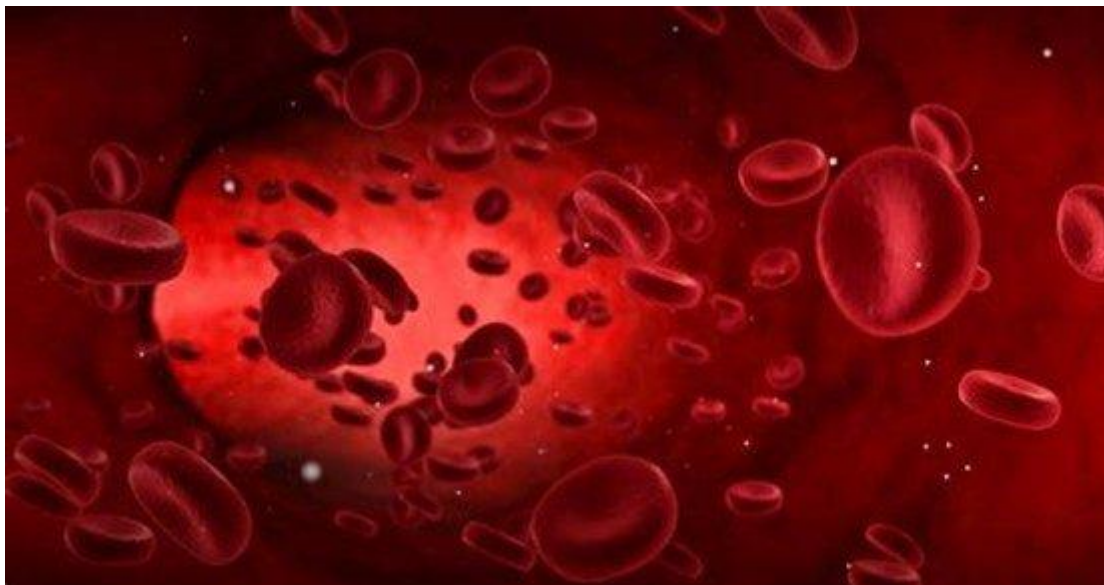
Horror Of Vaccine Damages



"After two days from the second dose of vaccination, my mother, who never had any serious problems, no signs of serious diseases, had two flexed thrombus in both legs, from there on the situation got worse, this one in the pictures This is the current situation, a severe vasculitis. All I know is that I almost lost my mother."

The damage done by the genetic COVID vaccines has been vast and covers an unbelievable range of adverse events that lead to a broad range of diseases and death. I would treat this poor woman the same way these burn and injury patients treated themselves with chlorine dioxide.

Cleaning and Rejuvenating Our Blood With Chlorine Dioxide



Chlorine dioxide not only purifies water (ask any camper), but it purifies our inner systems. It does the same thing to us as it does to water. It clears the water of all pathogens, viruses, bacteria, and fungus, and every water professional knows this. That is why half the public water systems in America use it. There is no doubt about this in the water purification industry, and now there is no doubt that it does the same for the people who use it. It clears our bodies of pathogens.

In the simplest terms, chlorine dioxide allows one to clean our inner house. Our bodies need to be cleaned regularly for the best performance and longevity. The first thing chlorine dioxide will do as it surges into the blood is do a fantastic job of rejuvenating red blood cells. Almost instantly, more oxygen will flow through the blood, especially if magnesium and bicarbonate are included.

A clean house does a better job of circulating fresh oxygen to the cells, making them happy so they can continue singing the song of life with more endurance. Fresh, healthy blood is essential for health. I saw a note from a late-aged individual who has been using chlorine dioxide for ten years. She just had a blood test, and her doctor said her *blood had the profile of a teenager*.

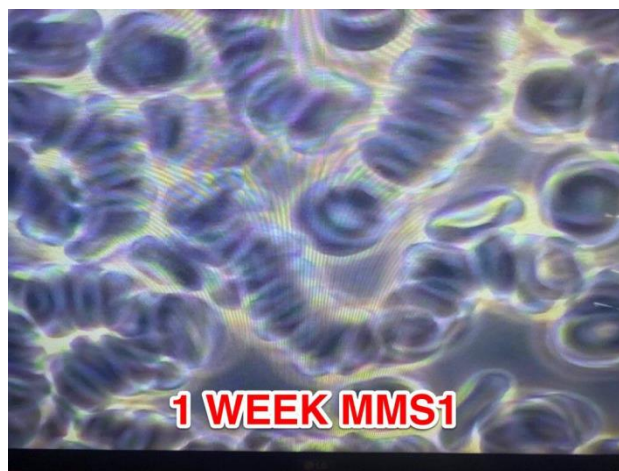
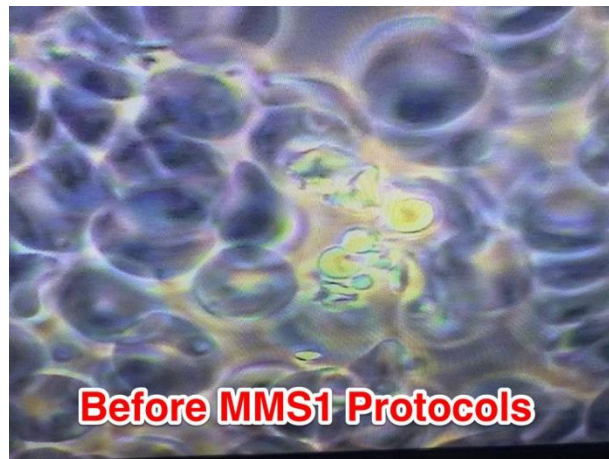
Chlorine dioxide does not thin the blood as a blood thinner like Coumadin would. It simply allows a more free flow of hemoglobin cells around one another. It reduces the Rouleaux effect. Chlorine dioxide will help red blood cells regain proper size and shape and move freely through the blood. Magnesium will help in this way as well.

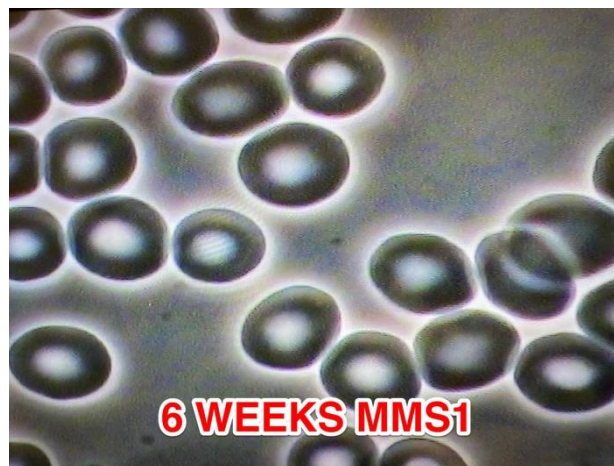
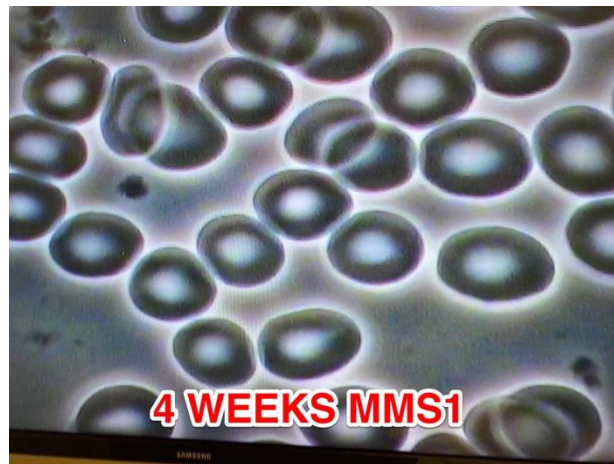
Chlorine dioxide impacts the blood instantly with each dose. Chlorine dioxide is a substance that provides oxygen to tissues and all body fluids, activates the mitochondria of cells, and generates more energy, which allows the body to recover. Chlorine dioxide releases oxygen when it touches anything acidic, either from lactic acid caused by cancer cells or from the acidity of pathogens or areas of low oxygen.

Its therapeutic effect is due to its increasing the presence of oxygen that bypasses red blood cell transport and, at the same time, revitalizes those same red cells. Our body gets its energy from combustion. Oxygen is essential for this combustion; without it, there is no energy, and without it, there is no health or life.

So like water experts use chlorine dioxide to clear and purify water of pathogens, we can use chlorine dioxide to clean up the inner waterways (blood vessels) in our bodies.

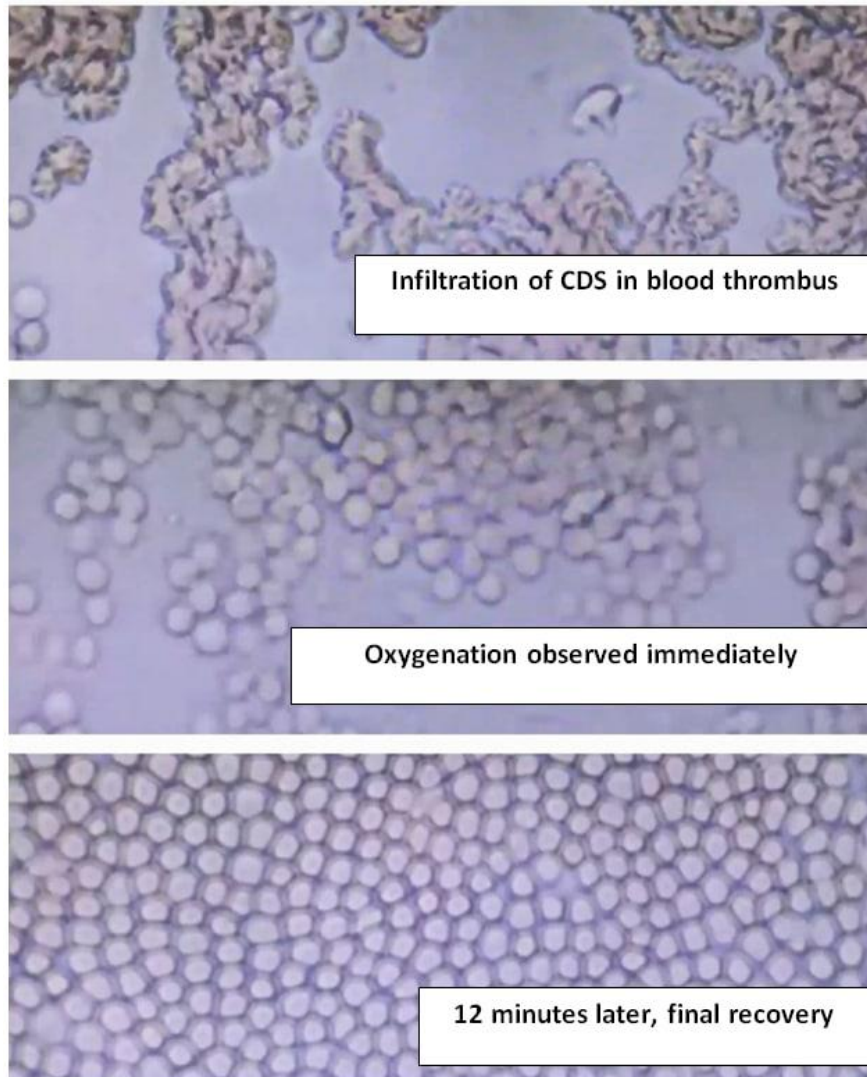
Cleaning Up After Vaccine Insults To The Blood





COVID VAX VICTIM RECOVERS AND GETS
NORMAL BLOOD BACK WITH CHLORINE DIOXIDE

Imaging is from a type of microscopic analysis called live blood analysis. Everyone vaccinated for COVID must take chlorine dioxide to improve all blood parameters, including blood viscosity. Several chapters touch down on this most crucial topic.



In December of 2021, Astra Zeneca scientists finally admitted something that had been known for many months, i.e., that their vaccine was causing deadly blood clots. A Utah mother blames COVID-19 vaccines after her 17-year-old son and her husband were hospitalized with rare blood clots soon after receiving the shots. "So it is true after all. After nearly one year of stonewalling and denials, they officially admit that the COVID vaccines can cause blood clots," writes Vasko Kohlmayer.

Chlorine dioxide works on the central damaging aspect of COVID vaccines, which is coagulation in the blood. "Normally, doctors prescribe an anticoagulant, such as warfarin, which is a substance equal to rat poison, which in the long term, will cause strokes, etc. So it's not a solution at all. However, chlorine dioxide is a solution because we have seen that it directly dissolves mini clots before they get bigger," says Dr. Andreas Kalcker.

"Oxygen deprivation is the cause of death for most covid-19 victims. Chlorine dioxide floods the blood with oxygen, immediately enriching the hemoglobin molecules on red blood cells and allowing patients to breathe again," continues Kalcker.

Notably, many of the sick and dying have red blood cells clumping together and are not moving freely. Severely clumped red blood cells (Rouleau) affect proper oxygenation because the red blood cells do not circulate well enough to deliver oxygen where it is needed. Early in the pandemic, New York physicians noted that it seemed COVID patients had been transported to 30,000 feet in altitude and were starving for oxygen.

Conclusion

Water experts and environmentalists can only dream of clean waterways, but we can clean up our inner waterways with chlorine dioxide. Unfortunately, the government's FDA, doctors, and health officials are out of their frigging minds thinking it is ok for the public to drink chlorinated water but freak out at the thought of people using chlorine dioxide as the excellent medicine it is.

More On Chlorine Dioxide



CDS was taken (orally) and sprayed (topically) after washing her face morning and night for 2 weeks. Her oral doses were 1ml (20 drops) of CDS in 100ml of water 3 times a day. Obviously, chlorine dioxide does wonderful things for the skin!

Detoxification and chelation will improve when you clean up the blood and tissues with chlorine dioxide. The engine of your life will hum when it's cleaner. Oxidation is the ultimate detoxifier of everything by 'reducing' things to their most uncomplicated chemistry.

Antimicrobial-resistant (AMR) infections currently claim at least 50,000 lives each year across Europe and the U.S. alone, with hundreds of thousands more dying in other areas of the world. In 15 European countries, more than 10% of bloodstream *Staphylococcus aureus* infections are caused by methicillin-resistant strains (MRSA), with several countries seeing resistance rates closer to 50%. Moreover, while the number of antibiotic-resistant conditions is rising, the number of new antibiotics is declining. Therefore, new, novel treatments of AMRs must be sought. This is the research premise – using natural substances to eradicate MRSA that do not create further resistance. Chlorine dioxide used

in vitro has been our main focus of this research, as it was the **most effective compound** compared to other natural substances tested.

Journal of Bacteriology & Mycology

What It Will Not Do

Chlorine dioxide is just beginning to explode into the health and medical world though millions have already used it. However, as we raise chlorine dioxide to the heights, we should, at least for a moment, consider what it will not do.

MMS will not cure magnesium deficiencies, nor that of iodine, selenium, and bicarbonates. Deficiencies of these and other elements are the underlying causes of many diseases. However, the royal road to recovery from most diseases starts with removing viruses, bacteria, and fungus. It also begins with blasts of oxygen released by chlorine dioxide.

The FDA, which loves to approve hazardous medicines like COVID vaccines, ignores safe and inexpensive alternatives. The FDA **hates** chlorine dioxide, and the federal government will throw you in jail if you market it or sell it as a cure for anything. However, one can buy the basic, widely available chemicals and make a purified form of chlorine dioxide-infused water.

A first patient with metastatic adenocarcinoma of the pancreas has decided, on his own, to refuse chemotherapy but to treat himself with lipoic acid, hydroxycitrate combined with oral ingestion of chlorine dioxide. As a result, his blood tests and radiological examinations have almost normalized, and the disease is stable at 18 months. Another patient with hormone-resistant metastatic prostate cancer has experienced a sharp drop in PSA level and an improved medical condition.



Though the people behind this company teach people to make CDS at home, here is an **EU-approved** German-made product. The company says in the clear: "CDS**plus** is our newly developed and patented 2-component product. After activation, it contains a highly pure and chlorine-free aqueous concentrate of chlorine dioxide solution (approx. 0.29%) as a biocide for highly effective control of **bacteria, viruses, fungi, spores, and algae, mites, parasites, biofilms**, and other pathogenic germs such as the dangerous **legionella**. CDSplus is up to 99.9999% effective, which the Robert Koch Institute confirmed. However, remember that no claims are made, and it is only approved for water cleansing, not for internal use.

After reporting on its ideal effect on COVID infections, the big news is the excellent work of Dr. George Georgiou in his laboratory. For Lyme patients, what he has to say is, "I am

on the cusp of showing scientifically that chlorine dioxide can knock out Borrelia too, but this is a tricky pleomorphic organism that has protective mechanisms, but we are moving closer to 100% kill rate." Georgiou already published the effectiveness of chlorine dioxide against the worst antibiotic resistance bacteria.

So do not pay attention to one word the FDA has to say. If you do not want to make it yourself, go to the [Aquarius site](#). You can get 250 ml (250 doses) of something quite magical for fifty Euros. Jim Humble was correct to call it the Magical Mineral Supplement. It does its magic to water and the entire body environment. It is the ultimate gift you can give yourself for health. In the states, you can buy a bottle for much less. For eleven dollars.



CDS_{plus} is approved for drinking water treatment, general disinfection in the private sector, hygiene in the veterinary industry, and the food and feed sector. So drink up without a second thought. Treat your water with it and drink it for body purification and detoxification.

Special Note: Many say that MMS1 and CDS are not precisely comparable because when you take CDS, it is already as activated as it will be. CDS is the chlorine dioxide gas infused into the water. The reaction process is already done. It can't be made any stronger unless you put it through another infusion. (However, it can become weaker over time.)

However, MMS1 is only partially activated when you swallow it. The rest of the activation, how strong it will be, and how much chlorine dioxide it will make depends on how much stomach acid a person has. So it could be weaker or stronger than CDS depending on a person's physiology.

So we can get an approximate guess for comparing the two, but it isn't strictly comparable because people are all different.

I love Chlorine Dioxide

MMS does not cure disease. MMS kills pathogens and destroys (oxidizes) poisons. When pathogens and toxins in the body are reduced or eliminated, then the body can function properly and thereby heal. I often say, "The body

heals the body." MMS helps to line things up so the body can do just that.

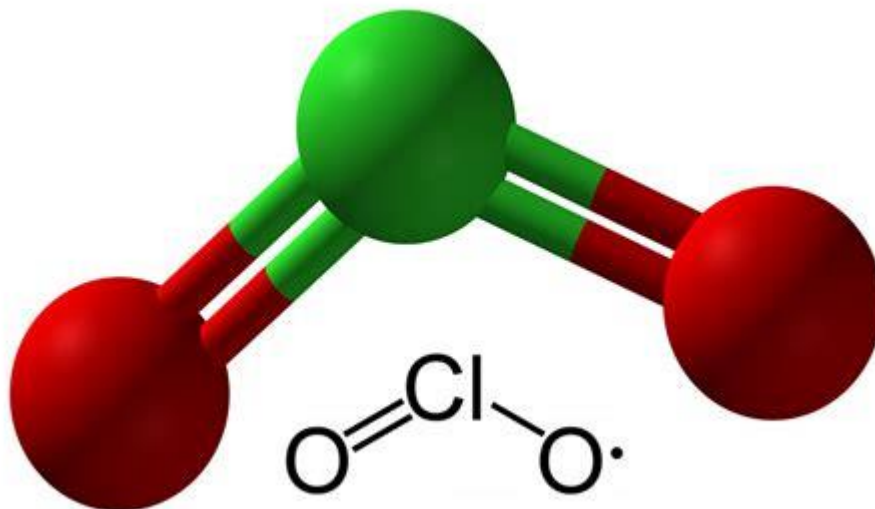
Jim Humble

Chlorine dioxide is approximately five times more soluble than chlorine and 50 times more soluble than ozone. Even though chlorine dioxide (CLO₂) is soluble, it is a gas, and Henry's Law governs the solubility of the gas. I like chlorine dioxide because it is the CL ion that rips pathogens to pieces stealing as it does five electrons and overwhelming them with oxygen as the CL atom disassociates from the pair of oxygen atoms.

The acidic medium surrounding many pathogens triggers the decomposition of CLO₂ and the subsequent liberation of nascent oxygen. Nascent oxygen is a particularly potent oxidizing agent for anaerobic organisms because it is essentially a free radical seeking not one; but two electrons. Anaerobic organisms have not developed adequate defenses against the onslaught of oxygen, particularly nascent oxygen, and quickly succumb to its lethal action.

Chemotherapy is oxidative though instead of using oxygen, it uses near-lethal poisons. There are usually significant side effects to chemo because poison is not selective. It kills healthy cells with the same facility as cancer cells.

Is Chlorine Dioxide A Cure For COVID?



Well, it was a cure for me no matter what COVID is. I spend eleven days in Omicron hell. The first day, Omicron hit me like a truck, so hard I can hardly remember a thing from that day except my throat hurt so bad I could not drink water. My wife went into an appropriate panic about dehydration and ordered from a friendly pharmacy Ivermectin and associated medicines, an antibiotic, a steroid, vitamin C, and D.

On the second day, I was conscious and forcing water down my throat, and my lungs were having a difficult time. It was a problematic cough that was initially constantly triggered by my throat, further inflamed by the constant cough. Eventually, the throat eased, but the cough was off to the races.

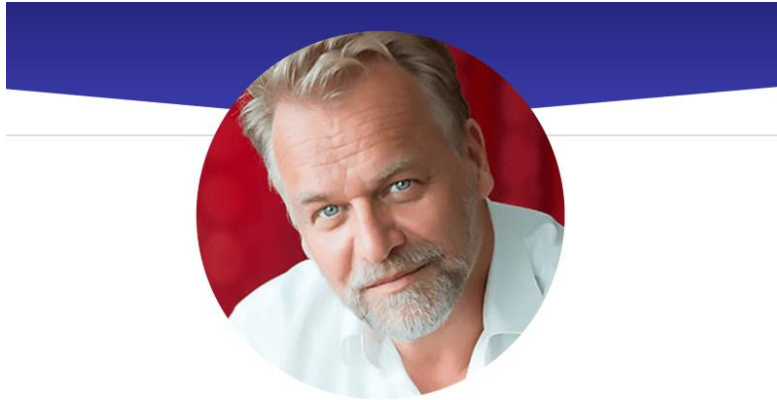
Day after day, feeling sick (but not typical flu symptoms and no fever), I fought for my life with the medicines, constant nebulization, and hydrogen/oxygen inhalation. The first three days passed without eating. An Orthomolecular doctor then sent me a truck of supplements and nebulizing substances.

After about a week, I was stable in my misery. I was holding on and steady in my treatments, but I was not getting better. By day eleven, I was desperate, totally sick of being sick. And then a friend offered to give me some chlorine dioxide, a substance I have known about and rejected for whatever stupid reason for over ten years.

I made up a liter on the first day and sat down to take my first gulp. I was nervous, afraid it might upset my stomach, but no. It went down as smooth as silk, and by the end of the day, I felt pretty addicted to its pleasantness.

When I woke up the following day, I walked into my wife's office and started jumping up and down to show her she had her husband back. So I would say 80% better after one day of treatment. Likewise, my friends who used MMS upon first being exposed to a fully vaccinated COVID-infected friend of theirs avoided the misery I suffered through. Within hours they were feeling much better.

By day four, I felt no pain, and that was wondrous. Now five days, I am 99% better. Now with each dose, I take three times as much or 3ml. I have a good idea where long-term use of chlorine dioxide will take me, perhaps to the moon.



Biophysicist Dr. Andreas Kalcker has been researching chlorine dioxide for over 13 years. Though he professes to know little about chlorine dioxide after all these years, his chlorine dioxide treatment was used for COVID-19 by the military, police, and politicians in Bolivia, who all recovered quickly. A law was then passed, making it a nationwide treatment. As a result, the rate of 100 deaths daily went down to virtually zero. A clinical trial then confirmed the efficacy of this treatment against COVID-19.

Dr. George Georgiou:

I can handle about 4 ml per hour for six consecutive hours; no problem

*The average is 3 ml per hour for 6-7 hours for COVID -
need to run for 4-5 days to clear all symptoms. In the long-run
it is best to do this for three days per week - consecutive -
then the same the following week for about eight weeks.*

I tolerated as high as 6ml per hour months later but never for more than five doses. My Ivermectin/Natural Allopathic protocol kept me alive and out of the hospital. Still, it was not strong enough to rescue me from a deliberately fabricated virus that a group of men and women were inhuman enough to create through gain of function research.

I bought almost a gallon of each chemical and started making chlorine dioxide to give out as gifts to everyone I knew. If you drink water, you will want to put chlorine dioxide in it. I thought hydrogen would be that, but this is *liquid life, a liquid vaccine*.

It is small, rains oxygen down on every red blood cell, and cleanses away the rot of viruses, bacteria, and fungus. It will drown out areas of acidity. It is impressive, and if you make it yourself, it is dirt cheap. You can buy from it ready-made, but you will want access to a lot once you start.

Remember, everything is easy once you know how, and there is an [explicit video of how to make this stuff](#). It was initially known as MMS, Magical Mineral Supplement. Yes, it is magical. Jim Humble knew what he had in his hands after discovering it was a sure cure for malaria. It is. Medicine does not get any better now that we have a purified form of chlorine dioxide in CDS.

It's a loving thing to make this stuff and give it to those you love, even to strangers. You will automatically be baptized as a chlorine dioxide angel if you give it away freely. I have ten years of denial about this chemical angel to repent for, and I will more than makeup for it.

This new chlorine dioxide called CDS makes everything easy, safe, and affordable. The two doctors I know who have been taking chlorine dioxide for years report potent effects on their mental capacities. So I am taking this trip to the moon. And as I finish *Forbidden Cures*, I look and feel better than I have in over a decade. Doing hydrogen inhalation therapy got me halfway to the fountain of youth, chlorine dioxide the rest of the way.

"Taking CDS brought me super sharp brain and my memory has been massively improved," wrote Paul Rogers.

"I have been taking it for almost ten years. I found out about CDS when a friend had pancreatic cancer. I have seen how it helped her. It also allowed her to live two years longer than the doctors said. I have not been ill since I found out about MMS. Anytime I feel any illness, I go on a six-drop protocol for a week. I have not missed a work day in 10 years because of illness. That is what it has done for me," writes Terry Johnston.

Why one person cannot use MMS: "I don't have a stomach anymore, and no stomach acids either to help my body use it. CSD is no issue, but MMS tears my gut to shreds, and I end up in a massive Crohns flair. Crohns flair can lead to a colostomy bag in no time. I learned a valuable lesson. I also cannot take anything that has to digest in the stomach, only things that digest in the intestinal tract. I let doctors alter my body in the name of "good health" years ago. I'm trying to undo their damage the best I can."

"I started doing CDS only two weeks ago. Now I can see that I'm losing weight which is wonderful! I no longer need sugar or coffee; many pains are gone, and my energy levels are high. Only some slight headache the first week, but now it's gone."

"Now I can work 8 hours a day twice a week on the field, growing food for my husband, my children, and myself without any back pain, hurting fingers, or stiff legs! Our Finnish forests are full of ripening blueberries!"

Jaana Kenlie

No Such Thing As a Cure?

When discussing any cure for COVID, the first thing to note is that neither health officials nor politicians are interested in a cure. Therefore, to expect any kind of medical sanity or truth from the FDA about what is and is not safe and effective to treat or cure COVID is a bad idea. Trusting the FDA about anything is like trusting a thief or pathological liar. Therefore, one of the last chapters of *Forbidden Cures* talks about canceling the FDA!

There is a massive, yawning gulf between what pharmaceutical companies want us to believe about health and medical treatments and reality. Decades of pharmaceutical propaganda have distorted people's perception of reality so severely that at least half the population has slept-walked into taking experimental vaccines so dangerous that life insurance companies could rule suicide if you die from them.

They did it. No guns or concentration camps were needed. We have seen two years of them making the world their concentration camp. Pretty impressive. Lockdowns included. Hospitals were one of their primary weapons. There is no doubt that pharmaceutical terrorism is fully operational. However, people are starting to wake up and get smart. A video shot in 2021 in Paris, France, shows thousands of protesters surrounding the headquarters of Pfizer in the nation's capital and chanting "assassins!"

Everyone alive today is starting to understand that COVID genetic vaccines are not a cure; **they do not stop infection.** The most obvious evidence of them not working is the need for boosters and the worldwide sky-high infection rates experienced by the vaccinated. Moreover, with millions of reported adverse reactions and uncountable vaccine deaths, even thinking of COVID vaccines as a cure is a disgusting medical perversion.

The U.K. government has admitted that once you have been double-vaccinated, you will never again be able to acquire complete natural immunity to Covid variants... or possibly any other virus.

Britain's Office for National Statistics (ONS) has released data indicating that **children who received the COVID-19 jabs have suffered a death rate 54 times greater than their un-jabbed counterparts.**

In the beginning, all possible treatments were cast aside with the promise of the vaccines, which were supposed to resolve everything. They didn't. There have been many proposed treatments for COVID infections, from Ivermectin to zinc, antibiotics, steroids, hydroxychloroquine, iodine, vitamin C and D, and even sodium bicarbonate nebulized into ICU COVID patients with success. These things will help, some enormously, but hospitals (death camps) prefer medicines like Remdesivir, which increases patients' chance of death by 3 percent.

Remdesivir side effects

- severe headache, pounding in your neck or ears;
- fast, slow, or pounding heartbeats;
- wheezing, trouble to breathe;
- swelling in your face;
- nausea;
- fever chills, or shivering;
- itching, sweating
- a light-headed feeling, like you might pass out.
- death

Oxidative Therapy



Oxidative therapy involves treating the body with different forms of Oxygen. With singlet oxygen, O_2 , and O_3 , which is Ozone. Bio-oxidative medicine uses Oxygen as supportive or primary therapy for chronic conditions, including infections, inflammation, cancer-related issues, and the restoration and revitalization of tissues and cells. In Europe, bio-oxidative treatments have been used effectively for almost 100 years to treat conditions ranging from infections to heart disease to autoimmune disease, neurological disease, and pain.

Breathing is an oxidative process whose primary function is to energize the mitochondria (energy factories) in our cells, forcing them to convert sugar to energy (ATP) in the body.

Oxidative therapy greatly assists the immune system when it cleans the body of viruses, bacteria, and fungus. More oxygen makes the immune system's job easier and, at the same time, strengthens the immune system. Also, it is imperative to note that oxidative therapy improves cellular detoxification. By increasing oxygen to the cells, cells begin to oxidize toxins and eliminate them, thus regenerating and rejuvenating tissues.

Oxygen is invincible in its ability to give or take life away, which goes as much for cancer cells as it does for healthy human cells. Oxygen can heal and kill. It is perfect for infections of all types when you want to use oxygen to kill. The same goes for cancer.

On the positive side, oxygen therapy is terrific because it translates into more cellular energy, healing energy, and energy to help us feel relaxed and perform better in life.

Oxidation is a critical energy-producing chemical reaction in the body. There is no life without oxidation though there are harmful organisms, pathogens, and cancer cells that do pretty well without oxygen. Scientists have discovered complex animals known to live without oxygen deep down in the Mediterranean. It was previously thought that only viruses and single-celled microbes could survive without oxygen long-term. But why would viruses need oxygen? They are NOT living organisms. In a later chapter, we will consider what they are as a matter of debate.

Low or blocked oxidation is usually followed by fermentation of sugar in cells, which then leads to the primary condition upon which cancer, infectious and inflammatory processes feed.

An oxidizing agent steals electrons from other organisms forcing them to lose their essential electrons. The oxidizing agent gains those electrons and thus gets reduced. O₂ is the principal oxidizing agent of life. All energy transfer in biological systems occurs through reduction-oxidation reactions (redox reactions). For example, digesting food and breathing are oxidative processes. Oxidation provides the energy necessary for all cellular functions and creates the first line of defense against pathogens.

Oxidation requires oxygen. Ironically, while oxygen is the second most abundant element in our atmosphere, most of us are not getting enough of it and are operating in an oxygen-deprived state. Hypoxia is the state of oxygen deprivation and is the principal condition that causes cancer. There are many reasons for oxygen deficiency, covered in the following chapter.

But before we get cancer from low oxygen levels, guess who loves an oxygen-sparse environment? Bacteria, parasites, viruses, fungi, and other anaerobic pathogens. The immune system uses the energy from oxidation to destroy bacteria, viruses, yeast, and parasites. Still, all too often, it fails in its job and needs extra help to eradicate foreign invaders.

Provide enough oxygen, and its armageddon time for viruses, bacteria, fungus, and even cancer cells can be obliterated if enough oxygen is rammed down their throats. One of the golden keys to optimizing health is creating and maintaining an environment where pathogens cannot thrive. Pathogens detest high oxygen environments, so oxidative therapy effectively eliminates them.

Dr. Robert Rowan says, "Dr. Otto Warburg emphasized that you can't make a cell ferment unless a LACK OF OXYGEN is involved. In 1955, two American scientists, R.A. Malmgren and C.C. Flanigan confirmed Warburg's findings. They found that oxygen deficiency is ALWAYS present when cancer develops." Because of their altered oxygen metabolism, cancerous cells are less able to handle the oxidative stress presented by oxidative therapies than normal cells.

Oxygen also works to alter toxic accumulation in the body. When there is not enough Oxygen, our toxin removal system becomes insufficient. Too many toxins in the body, of course, lead to severe disease and more oxygen depletion.

Notably, many believe that oxidative therapy is the wave of the future in the treatment of antibiotic-resistant bacteria, which have resulted from the overuse of antibiotics in people and animals. Ozone, Hyperbaric Oxygen therapy (HBOT), Ultraviolet blood irradiation (UVBI), EWOT (Exercise with Oxygen Therapy), hydrogen peroxide, and chlorine dioxide are all oxidative therapies that heal and detoxify simultaneously. In addition, high dose Vitamin C therapy given intravenously, though an anti-oxidant, is also considered by some as an oxidative therapy.

Northeastern University researchers have found that inhaling supplemental Oxygen—40 to 60% oxygen as opposed to the 21% oxygen in the air—can weaken immunosuppression and awaken anti-tumor cells. The new approach, some 30 years in the making, could dramatically increase the survival rate of patients with cancer, which kills some 8 million people each year. The breakthrough findings were published in Science Translational Medicine.

Dr. Michail Sitkovsky, an immune physiology researcher at Northeastern, found that supplemental oxygenation inhibits the hypoxia-driven accumulation of adenosine in the tumor micro-environment and weakens immunosuppression. This, in turn, could improve cancer immunotherapy and shrink tumors by unleashing anti-tumor T lymphocytes and natural killer cells.

Accumulated acid residues at the cellular level drowns out Oxygen.

"Breathing supplemental oxygen opens up the gates of the tumor fortress and wakes up 'sleepy' anti-tumor cells, enabling these soldiers to enter the fortress and destroy it," explained Sitkovsky, the Eleanor W. Black Chair and Professor of Immunophysiology and Pharmaceutical Biotechnology in the Bouvé College of Health Sciences' Department of Pharmaceutical Sciences.



Sitkovsky and colleagues looked at one particular property of tumors. They can live without much oxygen in what are known as hypoxic environments. "Since the root of all problems is the lack of oxygen in tumors, a simple solution is to give tumors more oxygen," Sitkovsky told NBC News.

*Cancer cells are easier to kill
when oxygen levels are increased.*

Sitkovsky found that a receptor on the surface of immune cells—the A2A adenosine receptor—is responsible for preventing T cells from invading tumors and for "putting to sleep" those killer cells that manage to enter the tumors. His latest work shows that supplemental oxygen weakened tumor-protecting signaling through the A2A adenosine receptor and woke up the T cells that we're able to invade lung tumors.

The paper—titled "Immunological mechanisms of the antitumor effects of supplemental oxygenation"—was the result of a robust interdisciplinary collaboration between doctors and researchers at some of the country's most prestigious universities, hospitals, and medical schools.

"This is exciting work," said Dr. Susanna Greer, director of clinical research and immunology for the American Cancer Society. "This is the kind of data that definitely makes you catch your breath a little bit." It could be a simple approach to making cancer therapies work better, especially immunotherapy, said Greer.

"I was looking to solve the problem of the existence of tumors and anti-tumor killer cells in the same patient," said Michail Sitkovsky, who led the study. Sitkovsky is not the first researcher to discover oxygen's anti-tumor properties. Others have seen that oxygen weakens cancer cells making them more vulnerable to other treatments. Other researchers at UT Southwestern reported that increased oxygen coincides with a more significant delay in tumor growth in an irradiated animal model.

*Cancers low in Oxygen are three
times more resistant to radiotherapy.*

Numerous studies have shown that tumor hypoxia, in which portions of the tumor have significantly low oxygen concentrations, is linked with **more aggressive tumor behavior and poorer prognosis**. In addition, increased hypoxia translates into greater resistance to treatment and an increased tendency to metastasize. Therefore, every cancer patient should work as hard as possible to increase oxygen levels, which must be done in several ways simultaneously.

What Are the Benefits of Oxidative Therapies?

Oxidative therapy can provide a wide range of benefits to a diverse population of patients, including but not limited to those living with:

- Autoimmune disease
- Bacterial infections
- Cancer
- Cardiovascular disease
- Chronic fatigue syndrome
- Depression
- Diabetes
- Fibromyalgia
- Fungal infections
- Lyme disease
- Respiratory conditions
- Sleep disorders
- Viral infections

As each of us is unique, the benefits of oxidative therapies will be specific to you, but in general they:

- Activating the enzymes involved in free radical destruction
- Destroying viruses, bacteria, parasites, and fungi
- Enhancing circulation
- Increasing tissue oxygenation
- Inhibiting the growth of new blood vessels that feed tumors
- Optimizing oxygen utilization of cells and tissues
- Oxidizing toxins
- Promoting healing and recovery after exertion
- Regulating the autonomic nervous system
- Stimulating white blood cell (immune cells) production

Invincible Oxygen with Chlorine Dioxide



There are many ways to increase oxygen delivery to the cells for better health and vitality and to choke cancer cells with too much oxygen. My favorite ways are using bicarbonates, hydrogen inhalation therapy with oxygen, Exercise with Oxygen Therapy (EWOT), chlorine dioxide (MMS), Homozone (especially effective for intestines) and slow breathing. Other popular methods include ozone and hyperbaric therapy. However, never forget that iodine, selenium, magnesium, and sulfur are all essential in getting oxygen to the cells.

*Sulfur enables the transport of
oxygen across cell membranes.*

Because sulfur is directly below oxygen in the periodic table, these elements have similar electron configurations. Sulfur forms many compounds that are analogs of oxygen compounds, and it has a unique action on body tissues. It decreases the pressure inside the cell. In removing fluids and toxins, sulfur affects the cell membrane. All of the above minerals are important for oxygen transport and utilization.

Mineral deficiencies help create hypoxic conditions, especially when needed to neutralize chemical and heavy metal toxins. Also, certain minerals are required by the red blood cells to do their jobs efficiently. A magnesium-deficient diet leads to significant decreases in the concentration of red blood cells (RBC), hemoglobin, and eventually a reduction of whole blood Fe.

Oxygen is the most prescribed drug in hospitals, yet it is a nutritional substance. When the cells struggle to get enough oxygen, some give up on oxidation (the use of oxygen) and turn to fermentation as an energy source to survive. In other words, they turn cancerous.

Higher oxygen leads to health and vitality. A lack of it leads to cancer and death. Thus supplying more oxygen and making it easier for cells to get and use it leads to longer and healthier lives. The newest agent in my medical system that provides needed oxygen to hypoxic regions of the body is chlorine dioxide.

Dr. Robert Rowan says, "Dr. Otto Warburg emphasized that you can't make a cell ferment unless a LACK OF OXYGEN is involved. In 1955, two American scientists, R.A. Malmgren and C.C. Flanigan, confirmed Warburg's findings. They found that oxygen deficiency is ALWAYS present when cancer develops."

Chlorine dioxide should be used to treat cancer **because of the oxygen it supplies**. Also, as every public water professional knows, it will kill off all the viruses, bacteria, and fungi that are often severe problems for cancer patients.

Ambulance crews have often regarded oxygen as something approaching a wonder drug. Oxygen has always been a lifesaving drug, and now doctors and patients can do much more lifesaving because they will be able to give much more oxygen quickly and cheaply with chlorine dioxide.

Carpet Bombing Cancer with Invincible Oxygen



<https://drsircus.com/cancer/the-key-cause-of-cancer-is-oxygen-deficiency/>

This is what you want to do to cancer tumors. You want to blast them with oxygen. When we send in unending waves of oxygen into cancer cells, just like in warfare, we can carpet bomb them with that oxygen. Research scientists from the Cancer Research U.K.–MRC Gray Institute for Radiation Oncology & Biology at the University of Oxford have discovered that **oxygen makes cancer cells weak and less resistant to treatment**.

In Anti-Inflammatory Oxygen Therapy, I introduced **oxygen as the ultimate chemotherapy**. With oxygen, doctors can blast cancer cells to smithereens, and patients can do it in the comfort of their homes. Cancer shares a common vulnerability with viruses, bacteria, and fungi, all of whom hate high oxygen levels.

I have recently changed my *Rich Man's Poor Man's Cancer Treatment* from sodium bicarbonate to a combined approach of using bicarbonates with chlorine dioxide. Together (with other helpful medicines), they can be considered a safe, inexpensive form of chemotherapy. They will smash through cancer defenses and create an oxygen-rich environment that is deadly to cancer cells' continued survival.

Bicarbonates invade the interior of cancer cells and force them to turn back on the circadian rhythm, which is a drag for them because they cannot consume as much glucose. The bicarbonate will also alkalize the environments in cancer cells' local vicinity, blocking their growth and expansion.

Shark Therapy

As sharks will zero in on blood, no matter how far away, chlorine dioxide will dive-bomb cancer cells like guided missiles homing in on the lactic acid that surrounds them, blasting them with oxygen and ripping them to shreds with its chlorine ion, the same it does to viruses, bacteria, and fungus. There are many similarities between cancer cells and fungus cells. Indeed, they share the same metabolism based on fermentation. Consequently, some think that cancer cells are fungus cells. Either way, chlorine dioxide will be a real threat to them.

Now, remember not every shark attack ends up with a kill. When fighting cancer, we are up against powerful cells that thrive at our expense. Cancer cells fight to survive, but oxygen makes them vulnerable. **Cancers low in oxygen are three times more resistant to radiotherapy**. Conversely, restoring oxygen levels to that of a normal cell makes the tumors three times more sensitive to treatment.

U.T. Southwestern scientists led by Dr. Ralph Mason reported in the online issue of Magnetic Resonance in Medicine that countering hypoxic and aggressive tumors with an "oxygen challenge" -- inhaling oxygen while monitoring tumor response -- coincides with **a more significant delay in tumor growth**.

Prof. Ian Tannock and his colleagues at the University of Toronto have written: "Solid tumors have been observed to develop an acidic extracellular environment." This "is believed to occur due to lactic acid accumulation produced during aerobic and anaerobic glycolysis." However, these authors also point out that lactic acid production is "not the only mechanism responsible for the development of an acidic environment within solid tumors" (Newell 1993). Another mechanism might be the poor perfusion of blood around tumors (Robey 2009).

Scientists at the University of Colorado Cancer Center said, "It seems like a tumor deprived of oxygen would shrink. However, numerous studies have shown that tumor hypoxia, in which portions of the tumor have significantly low oxygen concentrations, is linked with more aggressive tumor behavior and poorer prognosis. It's as if rather than succumbing to gently hypoxic conditions, the lack of oxygen commonly created as a tumor outgrows its blood supply signals a tumor to grow and metastasize in search of new oxygen sources -- for example, hypoxic bladder cancers are likely to metastasize to the lungs, which is frequently deadly."

Dr. Paolo Michieli and colleagues at the University of Turin Medical School, Italy, found that tumors rely on hypoxia to promote their expansion. Hypoxia is a crucial factor driving tumor progression.

Researchers at the University of Washington and Washington State University have also recently reported in the journal *Anticancer Research* that an environment of **pure oxygen at three-and-a-half times normal air pressure adds significantly to the effectiveness of a natural compound already shown to kill cancerous cells.**

In Scientific American, we read Dr. Jeanne Drisko at the University of Kansas Hospital in Kansas City telling us that vitamin C given intravenously can affect hydrogen peroxide formation. "Cancer cells are particularly susceptible to damage by such reactive **oxygen-containing compounds.**"

Conclusion

Oxygen is invincible in its ability to give or take life, which goes as much for cancer cells as it does for healthy human cells. Oxygen can heal and kill, so it is perfect for infections of all types. Every ozone user knows this. One cannot stay physically present on earth forever, but enduring youth can be ours with enough oxygen until our time is up.

The Frontier of Medicine – Combining Chlorine Dioxide with Bicarbonates



There is a vast online community of chlorine dioxide users who intimately know and use this biocide that will be necessary as antibiotics fail us, and they are failing. It is mainly promoted with the use of DMSO, which is a sulfur-based solvent. DMSO is a beautiful helpmate to chlorine dioxide, and sulfur, in general, is an essential nutritional and medical agent that helps drive chlorine dioxide deeper into tissues.

But sodium bicarbonate is even more aligned with chlorine dioxide's purpose, function, and modus operandi. This is because sodium bicarbonate and chlorine dioxide will work in harmony to multiply the effect of each other. (Potassium and magnesium bicarbonate too.)

"I felt great replacing one of my middle doses of chlorine dioxide with the baking soda. And a baking soda dose an hour before my CDS protocol, and a baking soda dose after."

Member of Universal Antidote Videos Chat

Modus operandi is a Latin phrase that translated means "operational method." We know that chlorine dioxide has several distinct operational methods. The first is its internal navigational system that directs ClO_2 to acidic regions to drop its oxygen and Cl ions payloads. Cl ions will rip apart viruses, bacteria, and fungus cell walls by stealing their electrons. And the abundance of released oxygen (with its independence from red blood cell transport) delivers what we would expect from abundant oxygen delivered to acidic, low oxygen cells

Chlorine dioxide and sodium bicarbonate will attack and overwhelm cancer cells and tumors by radically shifting pH and by intense bombardments of oxygen.

Under clinical conditions, low oxygen and low carbon dioxide generally occur together. They are like the ultimate Yin Yang pair needing to be in balance. The problem is that chlorine dioxide will not increase low CO₂ levels, and it does not have to because we can use bicarbonates to increase CO₂ and thus oxygen. Therefore, supplying oxygen with chlorine dioxide and releasing oxygen by increasing CO₂ through bicarbonates is synergistic.

Because sodium bicarbonate can inactivate toxins and promote urinary excretion, it would be a mistake to use chlorine dioxide without the helping hand of bicarbonates. Just do not take them simultaneously unless you want to raise the pH of the chlorine dioxide at a slight expense to its potency. Then use just a pinch of sodium bicarbonate.

The world's oceans can be thought of as a dilute solution of sodium bicarbonate (together with other acid-base species at still lower concentrations) in a saltwater background.

Want To Speed Up Absorption of Baking Soda?

Lemon instantly turns the bicarbonate into CO₂, so you don't have to depend on stomach acid. Lemon is good on its own, and though acidic, they say in the end that it has an alkalizing effect but not in the glass and the stomach. When taking bicarbonate, we burp if our stomach acid does its job on the bicarbonate. However, some people have weak stomach acid, so lemon would be essential.

I have been taking baking soda quite regularly, and I believe it has helped me. When I started taking the chemo drug, I developed 2 or 3 mouth ulcers every day till I was told that the acidity of the drug caused it. I suffered for nine months and could hardly eat, talk, or work, and it went away like magic when I started taking alkaline water.

Desmond Liew

Dr. Thomas Hesselink believes chlorine dioxide is one of the best cancer treatments. However, he says that if you also administer sodium bicarbonate and take chlorine dioxide, the chlorine dioxide will be able to selectively seek out cancer cells more quickly and react to them more strongly.

It seems that bicarbonate makes cancer cells stand out more. Indeed, we know that bicarbonates make cancer cells more vulnerable because it forces them to turn back on their circadian rhythms, so they cannot eat 24/7 like they enjoy doing.

In addition, bicarbonates weaken cancer cells' expansive tendencies because cancer proliferates when surrounded by more hypoxic acid conditions. Sodium bicarbonate is a Rich Man's Poor Man's Cancer Treatment because it addresses the fundamental reason people get cancer. The science and medical logic behind bicarbonates to treat cancer is solid.

Chlorine dioxide is a big gun. However, it has a short life in the body. Each molecule is like a kamikaze using itself to bring as much oxygen as fast as possible to flood the body's acidic tissues.

Bicarbonates go after the acidity with less virulence than chlorine dioxide and are more long-acting. There seems to be little doubt that bicarbonate has a synergistic relationship with chlorine dioxide. Each assists the other like adding nitrous to your gas; they boost each other's power. In addition, sodium bicarbonate increases the body's alkalinity, thus preventing ClO₂ from reacting too early (before it can reach tumor sites).

We are using cancer as an example, but we could be talking about any disease, including vaccine damages incurred with each COVID genetic injection.

Practical Dosing Combination

"I got to tell you, Dr. Sircus, starting the day with baking soda and water is excellent. Following it with the CDS (chlorine dioxide as a gas dissolved in water) protocol, with a baking soda dose in the middle, is outstanding. Both of them alone are OK, but when alternated, they really gave me a ton of energy and cleared out my sinus infection like each of them alone did not do. Also, my bladder was calm instead of the usual mild acidity tingle."

I took "1 tsp Baking soda an hour after my morning coffee.

I started the CDS protocol with "1.5 mL CDS in 100mL of water per hour" for 3 hours.

An hour after that, I took another baking soda dose.

After a half-hour, I took "1.5 mL CDS in 100mL of water" for two more hours.

Then a baking soda dose before bed.

Bicarbonate Chemistry Alkalizes Chlorine Dioxide

One anonymous researcher (JP) wrote, saying, "I used three activated drops with 4 oz (120ml) of water. Next, I add a pinch of Baking Soda to increase the pH to about 7+. A pinch of Baking Soda will lower the chlorine dioxide ppm. However, the ppm will still be enough to disinfect with great results. I have measured the ppm loss."

"When I activate three drops of Sodium Chlorite (22.4% solution) with three drops of Hydrochloric Acid (4% solution), I end up with 50 ppm of Chlorine Dioxide in 4 oz of distilled water. Now, adding a pinch of Baking Soda to the same 4 oz solution reduces the ppm by 1/2 (25 ppm)."

"This is ideal for those looking for a Chlorine Dioxide mouthwash without the acidic pH (to protect enamel). That pinch of Baking Soda raises the pH to about 7.5 while maintaining about 25 ppm of Chlorine Dioxide gas. As stated above, that is more than enough to disinfect the mouth with excellent results." However, another researcher reported measuring only a 50 percent drop in concentration because they used more than a pinch.



"The photo shows my Chlorine Dioxide test strips. The one on the left measured 50 ppm (no Baking Soda), and the one on the right measured 25 ppm (with Baking Soda). The one on the left measured about 4.5 (no Baking Soda), and the one on the right measured about 7.5 (with a Baking Soda)."

Why Is Bicarbonate So Important?

Research published recently in the Clinical Journal of the American Society of Nephrology found that having balanced bicarbonate levels in your body reduces the chances of early death. The study examined data compiled in the Health, Aging, and Body Composition Study for 2,287 participants.

Study author Dr. Kalani Raphael, associate professor, nephrology and hypertension specialist at the University of Utah, and colleagues investigated pH, carbon dioxide, and bicarbonate associated with long-term survival. Unfortunately, he said, "Critically ill patients with severe acid-base abnormalities have a very low likelihood of surviving their illness."

Dr. Raphael found that **low bicarbonate levels are linked to an increased risk of premature death by 24 percent**. "What we found was that generally healthy older people with low levels of bicarbonate had a higher risk of death," Raphael said. The study's findings assist clinicians in better assessing patients' risk of premature death by analyzing their blood bicarbonate concentrations more closely, something doctors never do.

Raphael is saying that one of the secrets to health lies in sufficient bicarbonate levels. Unfortunately, bicarbonate deficiencies increase as we age. Addressing those deficiencies with the three types of bicarbonates ensures we live a healthier and longer life.

Bottom line. Bicarbonates are miracle medicines, and just because baking soda is dirt cheap, do not overlook this in your anti-aging protocol.

These are the bicarbonate products I use.



I much prefer the pH Adjust because it does not have calcium and has sodium bicarbonate in addition to potassium bicarbonate and magnesium. I added a small package of sodium bicarbonate with the Tri-Salts to balance the formula. One can use ordinary baking soda alone, but it is a bit too salty for my taste.



One of the best options is magnesium bicarbonate. Magnesium bicarbonate is a complex hydrated salt that exists only in water under specific conditions. The magnesium ion is Mg^{2+} , and the bicarbonate ion is HCO_3^{-2} . So, magnesium bicarbonate must have two bicarbonate ions: $Mg(HCO_3)_2$. It is incredible, and the veterinarian, Dr. Russell Beckett, who discovered it coming out of the ground on his farm, observed his cows' life expectancy was increased by a whopping 30 to 50% after drinking Magnesium Bicarbonate water.

One can make magnesium bicarbonate oneself by combining magnesium hydroxide with carbonated water. I call magnesium bicarbonate the ultimate mitochondrial cocktail. It is like human rocket fuel because we have the best form of magnesium and bicarbonate together.

Magnesium Bicarbonate Testimony

Curious Outlier said, "I recently started taking magnesium bicarbonate. I make a concentrate using carbonated water and magnesium hydroxide. Two days ago, I accidentally took a full cup of the concentrate without diluting it. After realizing what I had done, I quickly drank a couple more cups of water."

"For the rest of the day, I had a really interesting sense of well-being. Also, something interesting happened. I am 50 years old, and for about the last ten years, I really don't get hungry like I did when I was young. Later in the afternoon on that day, I had this feeling like I did when I was young, and I would get hungry and just had to eat a large meal. I also felt invigorated and full of energy. The feeling was subtle, but it was a real feeling."

Vaccine-Induced Cancer Chlorine Dioxide To The Rescue



We now have an inconceivable rise in cancer rates caused by COVID vaccines. Early in 2022, Senator Ron Johnson hosted a conference in Washington D.C. called "Second Opinion." One of the speakers at this 5-hour recorded event last Monday was attorney Thomas Renz. He, in the short time allotted to him, testified that three military medical professionals had become whistleblowers, putting their careers on the line, to expose data contained in the Department of Defense Medical Database, under oath and penalty of perjury, regarding the explosion of miscarriages which increased by almost 300% in 2021, **a nearly 300% increase in cancer**, and over a 1000% increase in neurological injuries. Renz stated: "Our soldiers are being experimented on, injured, and sometimes possibly killed." (by the COVID-19 vaccines.)



DR. AFZAL (M.D/M.B.B.S (KING EDWARD MED)/FRCS
@ANMDUSA

...

WARNING TO ALL DOCTORS & DATA SCIENTISTS: I AM OBSERVING a massive spike in cancer. I am warning that there is now 20 times the normal average of certain types of cancers ever since the “Operation Warp Speed” Injections were first introduced.



1:16 PM · Feb 2, 2022 · Twitter Web App

5,685 Retweets 1,040 Quote Tweets 8,161 Likes

While the "true incidence of cancer post-vaccination is still not clear," Dr. Roger Hodgkinson explained that it "is clear is that there are enough anecdotal reports globally to strongly suggest" that cancers are exhibiting due to the Covid injection.

The coronavirus injection, Dr. Hodgkinson surmises, could be pushing the immune system to become less efficient, as it does during the aging process. "So with the vaccination having a profound impact on the vitality of our immune system," the doctor says, "the deep concern is that some of these cancers that are being reported [after the vaccine] or maybe all of them are due to 'immune escape' that the immune system has been basically 'taken off its watch' for a period of time."

The possibility is that after the vaccine, the immune system is weakened, empowering cancer "to proliferate in a way that it would not normally have done." This entirely plausible scenario "could result in a tsunami of conditions – cancer, and other conditions

– that have been brought on specifically and unintentionally by this vaccination program," Dr. Hodkinson continued.

What can anyone say in the face of the combined weight of cancer, genetic vaccines, and almost omnipresent COVID infections? We need a brigade of solid natural medicines, yet one substance could make all the difference for cancer patients—chlorine dioxide.

A first patient with metastatic adenocarcinoma of the pancreas has decided, on his own, to refuse chemotherapy but to treat himself with lipoic acid, hydroxycitrate combined with oral ingestion of chlorine dioxide. As a result, his blood tests and radiological examinations have almost normalized, and the disease is stable at 18 months.

Another patient with hormone-resistant metastatic prostate cancer has experienced a sharp drop in PSA level and an improved medical condition.

Mayo Clinic Trained Doctor Reports Surge in Cancer

Human rights attorney Leigh Dundas told The Epoch Times "in January of 2021. They introduced the vaccine and mandated the vaccine for U.S. military members. And in just the first ten months of that vaccination year, **anxiety jumped from 37,000 typically before that to 931,791 cases. So it was a 2,400 plus percent increase.**"

She said **breast cancer** was "pretty formulaic," ranging from 500 to 900 cases for the five years before the introduction of the mandatory vaccination. "**First ten months or 2021. They were at 4,068 cases.** Again, it was about a **450 percent increase**."

"Esophageal cancer in the U.S. military. Very, very minimal. Twenty-five, 26 cases, maybe a bad year is 39 cases. After that, jumps to **200 plus cases**," Dundas said.

Dr. Ryan Cole

In a video produced by the Idaho state government in March, Dr. Ryan Cole, who runs the most prominent independent testing laboratory in Idaho, said that since the rollout of the vaccines, he had seen a staggering increase in cancers among those who have received the abortion-tainted jabs.

"Since January 1, in the laboratory, I'm seeing a **20-times increase of endometrial cancers** over what I see on an annual basis," reported Cole in the video clip. "I'm not exaggerating at all because I look at my numbers year over year, I'm like 'Gosh, I've never seen this many endometrial cancers before.'" Listen to Dr. Cole here.

Cole explained that the COVID-19 vaccines seem to impact the immune system function responsible for combatting the growth of cancer cells and other viruses, referring to the phenomenon as a "reverse HIV response."

Cole explained that the vaccines cause suppression of a person's "killer T-cells," similar to how HIV suppresses a person's "helper T-cells" and how both types of cells are integral to fighting off cancer cells and other damaging viruses.

In addition to endometrial cancer, Cole reported an "uptick" in melanomas, herpes, shingles, mono, and a "huge uptick" in HPV, which he attributes to the **damage done to the immune system by the experimental shots.**

Chlorine Dioxide An Essential Cancer Treatment

It is essential to stay hydrated, breathe normally, stay warm, eat well and exercise when possible; basics critical to any successful cancer treatment. So I would include bicarbonates, magnesium, selenium, sulfur, and selenium not as supplements at low dosages but as ICU-level medicines at high dosages. But now, for reasons we will see directly below, not only do we need to add chlorine dioxide to this group, we need to let it lead the attack.

Chlorine Dioxide targets cancer cells like a magnet because of the lactic acid at the cancer site. Once the **Chlorine Dioxide comes into contact with lactic acid, it releases oxygen directly where it is needed the most.** Cancer cells are known to produce excessive amounts of lactic acid. This is because cancer cells have dysfunctional mitochondria, which prevents their use of the citric acid [Krebs] cycle.

It is reported that cancer cells can produce 40 times more lactic acid than normal cells. As a result, their metabolism is dirty and poisons the cells around them with increasing acidity.

Acid Bodies Acid Cancer

Cancer involves an interaction between rogue cells and surrounding tissue. This is the clear message of Dr. Mina Bissell. The health or sickness of surrounding cells and the surrounding extracellular matrix interact to shape cancer cell behaviors such as polarity, migration, and proliferation.

Cancer cells routinely form in most people's bodies in low voltage, low oxygen, and acidic pH areas. Bottom line: **the more acid conditions prevail, the more aggressive cancer.** Hypoxia and extracellular acidity are deeply associated with the cellular microenvironment and the spread of cancer.

The cells cannot detoxify themselves without sufficient oxygen, so acids build up. Without enough oxygen, the cells turn to fermentation as an alternate energy source for survival, which builds up acidity by creating lactic acid. Without enough oxygen, cells turn cancerous or die.

There are other ways to ram oxygen down our mitochondria's throats. However, one of the best and least expensive ways is chlorine dioxide. Chlorine dioxide" is a substance

that provides oxygen to tissues and all body fluids, activating the mitochondria of cells, generating more energy that allows the body to recover.

Dr. Andreas Kalcher says, "Many debilitating secondary infections with their toxins will be neutralized, thus relieving the liver and kidneys. In addition, there is much more oxygen and thus much more energy in the body. Chlorine dioxide thus provides more quality of life in the short term."

Testimony of Breast Cancer treated with topical and ingested CDS



Testimonio de Cáncer de Mama tratado con CDS tópico e ingerido

La persona tomó 15 ml de CDS en un litro de agua en 10 tomas diarias durante 1 mes.



SALUD PROHIBIDA Andreas Kalcker...
today at 3:35 AM

The person took 15 ml of CDS in a liter of water in 10 daily doses for one month. And she applied pure CDS pads topically in the morning and at night. In the images, you can see the evolution of results.

Chlorine dioxide possesses anticancer and antiviral activities, probably due to its inducing activity of ROS production. Chlorine dioxide exhibited significant cytotoxicity against two breast cancer cell lines (MCF-7, MDA-MB-231) and three colorectal cancer cell lines (LoVo, HCT-116, SW-480). This cytotoxicity appeared to be associated with the capacity of chlorine dioxide to induce the production of reactive oxygen species (ROS).ⁱ

There is a patent for injecting chlorine dioxide into the cancerous tumor at once and often several times for treatment. The chlorine dioxide is injected directly into the cancerous tumor, and the resulting tumor is effectively eliminated from the patient for one to several days to a few weeks. Sometimes the cancer is destroyed in several days and does not reoccur.ⁱⁱ

Conclusion

One of the most extraordinary things about chlorine dioxide is that the trillions of molecules released into the bloodstream, directly through the stomach wall, are like locusts homing in on areas of acidity.

Areas of acidity are areas of hypoxia of low oxygen. The cells caught up in such areas also would have low cellular energy and lowered mitochondrial activity because, in physics, pH is a measurement of cell voltage.

Because this essay focused on COVID vaccine-induced cancer, doctors and patients need to pay attention to the total mess the rushed, unsafe, not thoroughly tested genetic injections do to the blood. Chlorine dioxide will do double duty addressing blood clots as it runs to cancer sites to neutralize cancer-related acid and low oxygen conditions.

It is difficult to track the exact physiological mechanisms of how COVID vaccines lead to cancer besides their devastation to the blood and how they compromise the immune system.

Taking Selenium in a Mercury-Polluted World



Everyone alive today must be concerned about selenium because it is a partial antidote to mercury contamination. Unfortunately, we live in a mercury-polluted world, which gets worse yearly because the global coal-fired energy plants put about 15 to 20 tons of mercury into the atmosphere daily. So selenium should be added to the list of minerals chlorine dioxide users need because it is a necessary mercury binder. But not just any old selenium but a very special lipid-based selenium.

In his book *"Selenium. Are you getting enough to reduce your risk of cancer?"* Edgar N. Drake, Ph.D., states, "selenodiglutathione kills cancer cells so effectively that its sterile solutions have been patented for direct injection into cancer cells."

Mercury pollution is making its way into nearly every habitat in the U.S., exposing countless species of wildlife to potentially harmful levels of mercury, a September 2006 report from the National Wildlife Federation said. "From songbirds to alligators, turtles to bats, eagles to otters, mercury is accumulating in nearly every corner of the food chain," says Catherine Bowes, Northeast Program Manager for the National Wildlife Federation and principal author of the report.

"This report paints a compelling picture of mercury contamination in the U.S., and many more species are at risk than we previously thought. Unfortunately, long thought to be the key species affected by mercury, fish are just the tip of the iceberg." People forget all too easily that humanity is also an animal species, and the same thing happening to these animals is happening to us. It is sixteen years later, and that iceberg of mercury is crushing down on us relentlessly.

Most of this mercury comes from coal-fired plants. Yet, global warming fanatics never mention anything but the carbon dioxide emissions that do nothing to keep our planet warm with a cooling sun at the center of the solar system. Human destiny is on a collision course with mercury, not carbon dioxide.

*One estimate of the total annual global mercury input to the atmosphere from all sources, including natural, anthropogenic, and oceanic emissions in 1995 were 5,500 tons.
U.S. Environmental Protection Agency*

With all the climate alarms, coal use is expanding, not contracting, and so are the coal-fired plants in India and China. India and China Coal Production Surging By 700M Tons Per Year: That's Greater Than All U.S. Coal Output

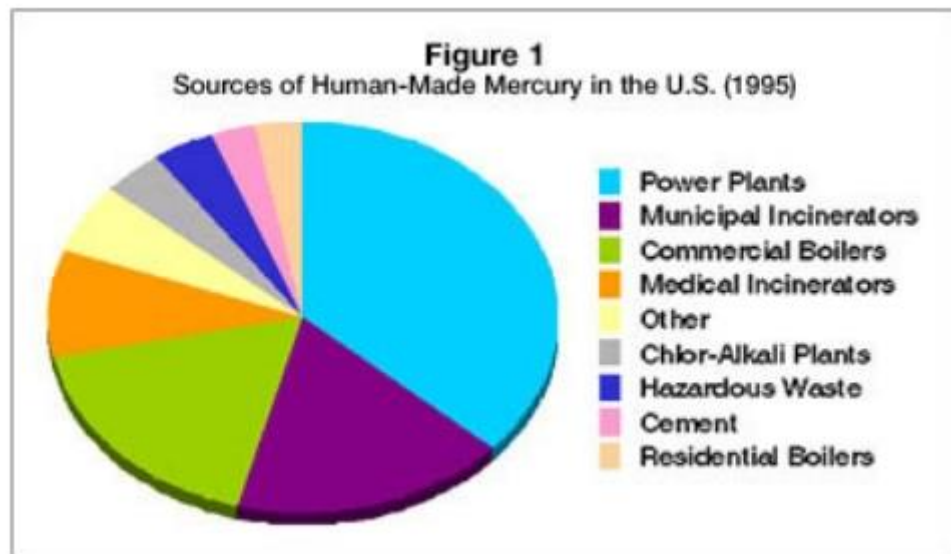
It takes no stretch of the imagination to understand that **what is happening to these songbirds is happening to our children**. Because mercury is a neuron toxin that causes neurological problems, it is considered a hazardous air pollutant, which gives it a different legal status. Mercury is a nerve poison, which, even at the lowest concentrations, causes health problems. If one gram of mercury can pollute a 20-acre lake or kill a child, imagine what 8 to ten billion grams of it would do

Mercury soars high into the atmosphere and then around the globe on what has become a transcontinental conveyor belt of mercury-polluted air. Environmental Protection Agency estimates that on certain days nearly 25 percent of the particulate matter in the skies above Los Angeles can be traced to China. Some experts predict China could one day account for a third of all California's air pollution.

Even regions with no significant mercury releases, such as the Arctic, are adversely affected due to the transcontinental and global transport of mercury," reports the United Nations Environment Programme. (UNEP) The FDA said almost two decades ago that 2 to 3 thousand tons of metallic mercury are being released into the air from man-made sources. Mercury has spread out into the atmosphere and the oceans, where it gains strength and toxicity through methylation. Mercury runs up the hill to more toxic levels with the help of fish, mammals, and bacteria. Mercury bio-accumulates and undergoes bio-magnification.

*States that are reporting the highest levels of mercury emissions
also have the highest rates of developmental disorders, including autism.
Dr. John Palmer*

We have created a chemical hell on earth, a heavy metal hell with promises of constantly worsening radioactive conditions. But getting anywhere near the FDA, you will hear how safe mercury is. Is it acceptable for dentists to put the neuron-toxin inches from patients' brains and for pediatricians to inject it with their vaccines in third-world countries?



Chemical radioactivity is an appropriate phrase to describe the situation with mercury and other chemicals causing disease rates to soar. Moreover, what has already arrived gets worse with the hundreds of millions of tons of toxic chemicals produced and added to the human biosphere yearly.



Everyone now has to live and breathe in the context of a dangerous chemical cloud with radioactive-like fallout penetrating our human skin. Yet, having failed to destroy ourselves with radioactive clouds from atomic bombs, we have managed to muddle through and threaten ourselves through chemical and heavy metal contamination.

Mercury Toxicity, Enzymes, and Sulfur Bonds

We have to assume mercury contamination and nutritional deficiencies are always at play together,

Enzymes are proteins, and like all proteins, they consist of chains of amino acids. These chains must be faulted in a specific way to give the enzyme its activity. The enzyme's structure is ensured by cross-bonding the amino-acid chains in many enzymes. These cross-bonds consist of double sulfur bonds. Sulfur-bridges are covalent S-S bonds between two cysteine amino acids, which tend to be quite strong. These sulfur bonds are damaged when poisoned.

Mercury binds to the -S.H. (sulfhydryl) groups, resulting in the inactivation of sulfur bonds and blocking of enzyme functions while producing sulfur metabolites with high toxicity that the body has difficulty dealing with. Sulfur is essential in enzymes, hormones, nerve tissue, and red blood cells. These sulfur bonds are crucial to human biology.

Insulin has three sulfur-containing cross-linkages, and the insulin receptor has a tyrosine kinase-containing sulfur bond, which are the preferred targets for binding by both mercury and lead. Should mercury attach to one of these three sulfur bonds, it will interfere with the insulin molecule's normal biological function.

Thiol poisons, especially mercury, and its compounds, react with S.H. groups of proteins lead to the lowered activity of various enzymes containing sulfhydryl groups. This produces a series of disruptions in the functional activity of many organs and tissues of the organism.

Professor I.M. Trakhtenberg

Mercury is the most potent enzyme inhibitor; it is in a class of its own and deserves its title as the most toxic non-radioactive element. Because mercury and lead attach themselves to these highly vulnerable junctures of proteins, they find their extraordinary capacity to provoke biochemical shifts and morphological changes in the body.

When mercury blocks thiol groups, cellular proteins lose their reactive properties and ability to perform their routine function. The general insulin activity model indicates that one insulin molecule engages the cysteine-rich domain of the receptor, touching down on both sides of the protein chain that are separated by the disulfide bond. If the receptor's geometry has been changed by mercury, the message that insulin has arrived to give the cell is not received.

Candida and Mercury Toxicity

According to the research, around 80% of people who suffer from symptoms of Candida show elevated Mercury levels in their bodies. The growth of the fungus is the body's response to Mercury poisoning because the fungi connect with the heavy metal, providing safe storage. Candida and parasites feed on heavy metals and sugar and store them within biofilms.ⁱⁱⁱ

Tuna Fish is High in Selenium

Tuna is uniformly rich in selenium. Nearly 300 scientific studies have demonstrated that this essential element protects against mercury exposure. So any group carping about mercury in fish without talking about selenium hides half the story.

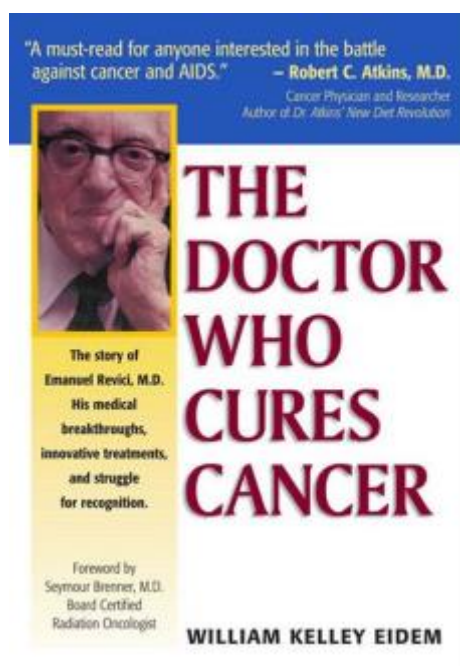
When selenium, present in most fish, and mercury are found together, they connect, forming a new compound. This makes it difficult for the human body to absorb mercury separately. Scientists have also tagged cysteine in fish binding with mercury, making it safer to eat. When mercury "binds" to selenium or cysteine, it is no longer free to "bind" to anything else — like brain or kidney tissue.

Still, "evidence of mercury's health risks is strong enough that people, especially children and women of childbearing age, should be careful about how much and which fish they eat," declare scientists at the Eighth International Conference on Mercury as a Global Pollutant.

I wrote 15 years ago that the association of mercury with chronic diseases is well documented in the didactic scientific literature. The search for the association between mercury and cardiovascular disease reveals 358 scientific papers exemplifying the relationship; between mercury and cancer. We find 643 scientific papers. The association of mercury with neurodegenerative diseases is the most significant, with the references numbering 1,445.

A thing to remember about mercury is that it is an accumulative poison, so one area of contamination is not separate from another. If, for example, a pregnant woman eats lots of fish, has many dental amalgams, and receives mercury-containing vaccine injections, the risk to her health and that of her developing fetus is greatly multiplied.

First Selenium Doctor



The Revici Method is an unconventional therapy for the treatment of cancer developed by Emanuel Revici, MD. -Revici was the first physician to establish selenium compounds low enough in toxicity to give cancer patients doses far above safety limits for ordinary forms of selenium. He did this by chemically bonding the mineral selenium to a lipid.

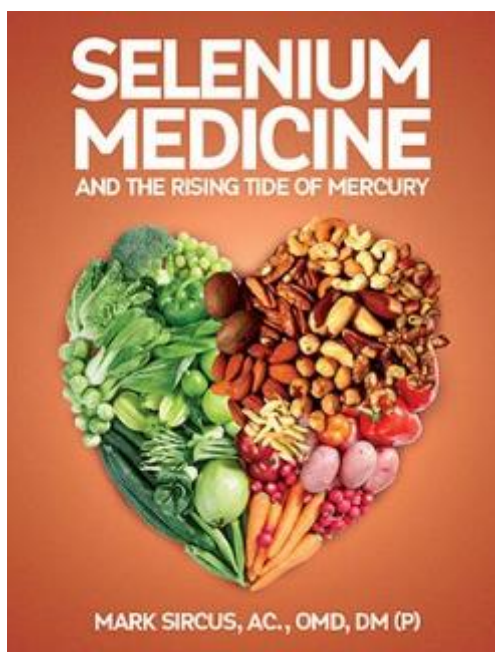
Selenium helps stop damaged DNA molecules from reproducing, meaning it acts to prevent tumors from developing. "It contributes towards the death of cancerous and pre-

cancer cells. Their death appears to occur before they replicate, thus helping stop cancer before it gets started," says Dr. James Howenstine in *A Physician's Guide to Natural Health Products That Work*.

A 1996 study by Dr. Larry Clark of the University of Arizona showed how effective selenium could be in protecting against cancer. In the study of 1,300 older people, cancer occurrence among those who took 200 micrograms of selenium daily for about seven years was reduced by 42 percent compared to those given a placebo.

Cancer deaths for those taking the selenium were cut almost in half, according to this study published in the *Journal of the American Medical Association*. In addition, the people who had taken selenium had 63 percent fewer prostate cancers, 58 percent fewer colorectal cancers, 46 percent fewer lung cancers, and an overall 37% fewer cancers. Furthermore, selenium was found to reduce the risk of lung cancer to a greater degree than stopping smoking.

Another study was presented in 2013 at the American Association for Cancer Research (AACR) in Washington, DC. The researchers found that higher selenium concentrations in toenails were associated with a substantially reduced risk for advanced prostate cancer, with men with the highest levels having a 63% reduced risk (hazard ratio 0.37). On the 23rd of the same month, another study reported that selenium supplementation reduces and delays breast cancer metastasis but that the wrong type of selenium may exacerbate it.



Revici, who died at a ripe old age of 101, was hounded by the authorities of his time. Dr. Seymour Brenner, a respected radiation oncologist in private practice in New York, testified on Revici's behalf. He had investigated many patients in very advanced stages of cancer, incurable by conventional means, whom Revici had put into long remissions. Dr. Brenner had an independent panel of pathologists confirm the diagnosis and location of the illness before each patient's initial visit to Revici. He testified that his findings strongly suggest Revici has a cancer treatment deserving further study.

Glutathione and Selenium

"If someone is Glutathione deficient and takes chlorine dioxide intravenously, it will damage them through uncontrolled oxidative stress. This is from a doctor using CDS in patients. The people got worse with CDS when Glutathione was deficient. However, once supplementation occurred, you could tolerate CDS," wrote Curious Outlier, the owner of the largest chlorine dioxide group on Telegram.

Magnesium deficiencies cause glutathione depletion. Glutathione production depends on magnesium and requires glutamyl cysteine, glycine, ATP, and magnesium ions to form Glutathione. According to Dr. Russell Blaylock, low magnesium is associated with dramatic increases in free radical generation and glutathione depletion. The Health benefits of selenium boil down to its crucial antioxidant role as part of the enzyme glutathione peroxidase (GPx).

Dr. Pedro Chavez recommends three weeks of chlorine dioxide and then a week on Glutathione. Or one does the chlorine dioxide in the first part of the day and the Glutathione in the second half.

In cases of selenium deficiency and the impaired function of glutathione peroxidases, dangerous hydrogen peroxide breaks down into even more hazardous hydroxyl radicals, damaging cell membranes, and DNA, eventually leading to severe disease. Selenium is directly involved in preserving cell membrane integrity and DNA integrity.

The benefits of selenium are the result of the activity of Glutathione in our bodies. Research done with selenium proves this connection – **low selenium levels are noted in the health conditions that show low glutathione levels**. The progression of all these conditions and success with therapies depend on glutathione levels and proper functioning of glutathione peroxidases:

Other benefits of selenium include this mineral's involvement in protein synthesis, DNA synthesis, formation of thyroid hormones, maintenance of healthy hair and skin (glutathione peroxidases protect cells from U.V. damage), and protection from anemia (glutathione peroxidases preserve red blood cells from oxidation and death).

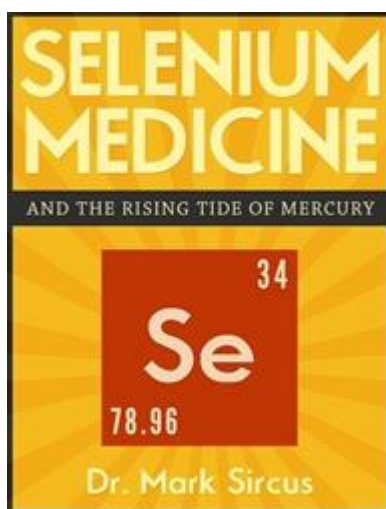
As a preparatory protocol, I would advise new chlorine dioxide users to prepare with high magnesium, bicarbonate, iodine, sulfur, and selenium. When I say intake, I am not suggesting normal supplement levels but therapeutic medical levels to induce higher glutathione levels as quickly as possible.

What Type of Selenium Should be Used?

Revici devised a novel technique to open double bonds in molecules of unsaturated fatty acids to incorporate different metallic elements at precise points in the molecules. His revolutionary techniques converted toxic substances into safe anticancer agents. Revici's use of selenium in cancer treatment predates mainstream interest in this mineral **by more than twenty years**. Selenium is one of the major trace elements always found deficient in cancer-prone populations. However, research has shown that it is of value not only in preventing cancer but also in treating it. Revici used a unique molecular form of selenium (bivalent-negative selenium) incorporated in a fatty acid molecule.

In this form, he could administer up to 1 gram of selenium per day, which corresponds to 1 million micrograms per day, reportedly with no toxic side effects. In contrast, too much selenite (hexavalent-positive selenium) harms animals, so human intake of commercial selenite is limited to a dosage of only 100 to 150 micrograms by mouth. Dr. Revici often administers his non-toxic form of selenium by injection, which is usually four times more potent than the form given orally.

By 1948, Revici had begun exploring using selenium to treat cancer and render **radiation less harmful**. His promising findings on radiation came to the attention of United States Navy scientists testing A-bombs in the Pacific. The scientists invited him to join them in studying radiation's harmful effects.



My book on selenium stands as the only comprehensive medical book written on the subject. Taking high doses of selenium is possible when using a lipid form. Lipid Replacement Therapy (LRT) can restore and help maintain mitochondrial membrane function by replacing damaged membranes so the perfect form of selenium would have selenium bonded to a lipid.

Revici's research has demonstrated that lipids have an affinity for tumors and other abnormal tissues. Because of this, the lipids or lipid-like synthetic compounds administered to the patient, either by mouth or injection, travel directly to the tumor or lesion.

Selenium is Basic in Cancer Treatment

One Korean study examined chlorine dioxide's use for anticancer and antiviral activities. Results indicate that chlorine dioxide possesses anticancer and antiviral activities, probably due to its inducing activity of ROS production.

Science knows that people living in areas of selenium-rich or magnesium-rich soils are often less likely to get cancer. For example, in China, where the selenium levels in the soils vary much more dramatically than in the United States and the population is less mobile, an ecological study in 1985 showed dramatic results in linking cancer with selenium deficiencies. In the low-selenium classification, three times as many people died from cancer as in the high-selenium category.

Cancer deaths were cut almost in half, according to a study published in the Journal of the American Medical Association in 1996. In addition, the people who had taken selenium had 63% fewer prostate cancers, 58% fewer colorectal cancers, 46% fewer lung cancers, and 37% fewer cancers. Furthermore, selenium was found to reduce the risk of lung cancer to a greater degree than stopping smoking.

Data suggests that a diet rich in selenium protects against stomach, breast, esophagus, lung, prostate, colon, and rectum cancers. According to Dr. Harold Foster, cancer death rates in the USA **are lower when blood selenium levels are high**. One critical study found that high blood levels of selenium are associated with a four- to fivefold decrease in the risk of prostate cancer. Scientists at Stanford University studied 52 men who had prostate cancer and compared them to 96 men who didn't. One surprising finding was that blood levels of selenium generally decreased with age. It is well known that the risk of prostate cancer increases dramatically as one ages.

Those who have studied geographical differences have seen that in low-selenium regions, higher death rates occurred from malignant lymphomas and cancers of the tongue, esophagus, stomach, colon, rectum, liver, pancreas, and larynx, lung, kidneys, and bladder. In addition, cancer patients with low selenium levels tend to have a wider spread of the disease, more recurrences, and die sooner.

In China, where the selenium levels in the soils vary much more dramatically than in the United States, where the population is less mobile, an ecological study in 1985 showed dramatic results in linking cancer with selenium deficiencies. Dr. Shu-Yu Yu measured the selenium content of blood stored in blood banks in 30 regions in China. They classified the regions as high Selenium, medium selenium, and low Selenium. They then compared death rates from cancer to selenium rates and found an exact correlation. **For example, in the low selenium classification, three times as many people died from cancer as in the high selenium classification.**

The West African country of Senegal is dominated by high concentrations of selenium in the soil and thus in their foods, and as expected, we find that Senegalese males had the world's lowest rates of cancer of the trachea, bronchus, and lung; stomach, and colon; the fourth lowest for prostate cancer and sixth-lowest for esophageal cancer. Likewise, Senegalese women had the lowest incidence of cancers of the trachea, bronchus, lung, esophagus, stomach, and colon, second-lowest for breast cancer, and fifth lowest for cancer of the uterus.

There is no doubt that selenium is essential for human health and protects against cancer and other diseases. Selenium, primarily when used with iodine, vitamin C, vitamin E, and beta-carotene, work to block chemical reactions that create free radicals in the body (which can damage DNA and cause a degenerative change in cells, leading to cancer). Selenium also binds strongly with mercury protecting us from its damaging effects.

None of the Below is True with Lipid Selenium

"Since selenium carries well-documented toxicity called selenosis, adverse effects may manifest at as low as 250 mcg a day and become a serious problem above 1,000 mcg daily. Symptoms include hair loss, nail deformities, breath with garlic odor, and

gastrointestinal and neurological disorders. Due to selenium's toxicity, supplementation with selenium and the doses should be discussed with your doctor."

The last person you should talk to about selenium is your doctor. The chances of them being aware of lipid selenium are about zero.

Dosing with Chlorine Dioxide

I would suggest that Tung Oil can be taken as soon as one hour after one finishes their chlorine dioxide doses. Dosages of Tung Oil would depend on what you are treating, your condition, and your weight. The first time I took it, I drank 28 drops with no problem. I never counted drops since. I just put it under my tongue and then wash it down with iodine in water.

Glutathione Medicine

On my [protocol page](#), I have been recommending three different glutathione products, one for nebulization with sodium bicarbonate and one for oral use, but that is a touch-and-go method in absorption, and [glutathione suppositories](#), which are robust and especially good for intense medical situations.

An exceptional product that naturally helps the body produce more of its Glutathione is called [MaxOne](#). It is ideal for providing what your cells need to replenish Glutathione – naturally.

[Dr. Boyd Haley developed the best and safest chelator of mercury](#). Haley's chelator NBMI is astonishing and should be near the top of protocols for cancer and neurological patients (think autism, Alzheimer's, and Parkinson's disease) and for anyone who has had mercury fillings in their mouths as well as for those who live downwind of coal plants, town incinerators, and crematoriums. NBMI reaches across the blood-brain barrier and will pull heavy metals out of the brain, bones, and all other tissues.

Profound Medicine

Selenium improves mitochondrial function even in the absence of oxidative stress. Selenium has beneficial effects on endogenous antioxidant activity via GPx, **mitochondrial function restoration**, and biogenesis stimulation and may also reduce oxidative stress-driven inflammation. Selenium protects neurons against hypoxic/ischemic damage by reducing oxidative stress, restoring mitochondrial functional activities, and stimulating mitochondrial biogenesis. Selenium restores the activity of critical antioxidant enzymes and decreases lipid peroxidation. Selenium supplementation reduced glutamate-induced ROS production, prevented mitochondrial hyperpolarization, **preserved oxygen utilization**, maintained mitochondrial dynamic balance, and ameliorated autophagy activation, showing neuroprotection from glutamate toxicity.

Tissue damage in 2,4,6-trinitrobenzene sulfonic acid (TNBS)-induced colitis is accompanied by the arrest of mitochondrial respiration, loss of mitochondrial DNA, and the expression of nuclear-encoded mitochondrial proteins. Selenium effectively protects

colon mitochondria and prevents inflammatory and necrotic changes. In a high dose, selenium is a potential therapeutic agent in inflammatory bowel disease.

Dr. R. Donaldson of the St. Louis Veterans' Administration Hospital reported in 1983 that some patients deemed terminal with only weeks to live were completely free of all signs of cancer after four years; all the patients showed a reduction in tumor size and pain.

Breathing to Live Longer



The most challenging part of my Natural Allopathic protocol is breathing because it is not something you take. It is something you have to do. Taking medications, sleeping on Biomats, doing hydrogen inhalation, and getting your chlorine dioxide dosages right is a piece of cake compared to the commitment one must make to slow down the wild stumbling horses of our breathing.

Wild in that most of us are off to the races regarding our breathing speed. Stumbling in that too few adults do abdominal breathing. Struggling because few can wait for even half a second after exhaling before starting the next breath. Desperation and anxiety are carried on the breath.

Breathing is crucial for keeping us alive. It is also vital for health recovery. Saying it's important is an understatement because it is impossible to be or stay healthy and breathe too fast. So I tell my patients that their next breath is the most crucial thing in life. If you don't take it, you're dead in minutes, so how you take that next breath and how you breathe is more than important.

I also tell my cancer patients that the best way you can prove to yourself and your loved ones that you want to live and that you want to beat your cancer is to spend more and more time devoted to taming your breathing. It is ridiculous that doctors and even alternative practitioners ignore the most important thing their patients are doing: breathing.

Breathing is simple, but somehow most of us manage to mangle it, and we pay excessively health-wise because of it. Nothing is more important to our life or health than our breathing, but not many people see it this way. When we breathe correctly, we tend to live longer and be much healthier.

Your breathing or respiratory rate is defined as the number of breaths a person takes during one minute while resting. Studies suggest that an accurate recording of respiratory rate is essential in predicting severe medical events. Since many factors can affect the results, understanding how to take a precise measurement is necessary. While watching the clock, count the times you breathe in two minutes. Make three trials, and find the average. Divide by two to find the average number of breaths per minute.

The rate should be measured at rest, not after someone has been up and walking around. Being aware that your breaths are being counted can make the results inaccurate, as people often alter how they breathe if they know it is being monitored. Nurses are skilled at overcoming this problem by discretely counting respirations and watching the number of times your chest rises and falls — often while pretending to take your pulse.

Lung expert Dr. Lynne Eldridge says, "In general, children have faster respiratory rates than adults, and women breathe more often than men. The normal ranges for different age groups are listed below:

- Newborn: 30-60 breaths per minute
- Infant (1 to 12 months): 30-60 breaths per minute
- Toddler (1-2 years): 24-40 breaths per minute
- Preschooler (3-5 years): 22-34 breaths per minute
- School-age child (6-12 years): 18-30 breaths per minute
- Adolescent (13-17 years): 12-16 breaths per minute
- Adult: 12-18 breaths per minute

Medical textbooks suggest that the regular respiratory rate for adults is only 12 breaths per minute at rest. Older books often provide lower values (e.g., 8-10 breaths per minute), but as Dr. Eldridge and others have noted, most modern adults breathe much faster (12-15 breaths per minute) than usual. Respiratory rates in cancer and other severely ill patients are usually high.

Don Campbell and Al Lee, authors of *'Perfect Breathing: Transform Your Life One Breath at a Time,'* say, "We all come to the world with the ability to take full, unencumbered breaths, but as we get older, we forget how to breathe properly."

When we breathe faster than we should, we lose too much CO₂ from the blood, thus reducing body oxygenation due to vasoconstriction and the suppressed Bohr Effect caused by hypocapnia (CO₂ deficiency). The faster we breathe, the lower our oxygen levels, and the more our cells suffer from hypoxia (reduced cell oxygenation).

Slower, easier breathing improves cell-oxygen content. We call this abdominal Breathing or diaphragmatic Breathing because the diaphragm pushes down, and the belly swells out just as we see when babies breathe.

Ideal Breathing Rates

The best regular breathing rate noted by contemporary medicine is eight breaths per minute, and that is the golden standard to shoot for. But, are even eight breaths ideal, or is something even slower up for the offering that takes us to heavenly health?

I have recommended the Frolov breathing device for years because it breaks our breathing rhythm. When using the Frolov, I generally practice at three to a maximum of four breaths a minute after years of using it. When not practicing, my regular breathing rate is about nine breaths a minute. However, when I get serious about my breathing, I can reduce my rhythm to two breaths a minute for a few moments.

Health state	Type of breathing	Degree	Pulse, beats/min	Breathing frequency/min	CO ₂ in alveoli, %	AP, s	CP, s	MP, s
Super-health	Shallow	5	48	3	7.5	16	180	210
		4	50	4	7.4	12	150	190
		3	52	5	7.3	9	120	170
		2	55	6	7.1	7	100	150
		1	57	7	6.8	5	80	120
Normal	Normal	-	60	8	6.5	4	60	90
Disease	Deep	-1	65	10	6.0	3	50	75
		-2	70	12	5.5	2	40	60
		-3	75	15	5.0	-	30	50
		-4	80	20	4.5	-	20	40
		-5	90	26	4.0	-	10	20
		-6	100	30	3.5	-	5	10

Dr. Sheldon writes that "breathing is the most critical thing you do in your life. And breathing correctly is the single most important thing you can do to improve your life."

So what is the difference in our health when we breathe less? Michael White has put together the following chart from information that 85,000 people who filled out his questionnaire on his site yielded the following vital information:

B.Complete Breaths vs. K1.Diagnosed Conditions

B/K1	d.Anxiety or panic attacks			f.Attention issues			t.High blood pressure			ee.Sleeping disorders			m.Depression			z.Overweight/Obese		
	% of total test takers	% of test takers with row choice	% of test takers with column choice	% of total test takers	% of test takers with row choice	% of test takers with column choice	% of total test takers	% of test takers with row choice	% of test takers with column choice	% of total test takers	% of test takers with row choice	% of test takers with column choice	% of total test takers	% of test takers with row choice	% of test takers with column choice	% of total test takers	% of test takers with row choice	% of test takers with column choice
5-6	1.4	13.8	6.5	0.2	1.8	3.9	1.4	13.8	9.2	0.5	4.6	4.7	0.8	8.3	5.4	1.5	15.6	8.3
7-8	3.0	22.0	14.3	0.5	3.3	9.8	2.2	16.0	14.7	1.2	8.7	12.1	2.3	16.7	14.9	2.6	19.3	14.1
9-11	5.1	22.0	24.2	0.7	3.1	15.7	3.4	15.0	23.3	2.4	10.6	25.2	3.1	13.4	20.2	4.3	18.5	22.8
12-24	9.5	22.0	45.5	2.6	6.1	56.9	6.1	14.0	41.1	4.2	9.6	43.0	7.6	17.6	50.0	9.0	20.8	48.1

Stare at this chart and let its information sink in. You can see that slow breathers have health, and fast breathers are having a tough time with their bodies and life. Fast breathers suffer from much higher anxiety, depression, sleeping disorders, and high blood pressure levels than slow breathers.

Dr. Fred Muench says, "Once you go below ten breaths a minute, you start to engage the parasympathetic nervous system, which helps the body relax when it has been injured. Slow breathing activates the vagus nerve, the primary cranial nerve, associated with a recuperative state." Perhaps more"important, slow breathing tends to increase heart-rate variability, a measurement of the fluctuation in a heartbeat during an activity. The way to increase variability is to breathe slowly."

Too Much Breathing is Tiring

A person who is breathing at four breaths a minute will only breathe about 5,760 times a day. At the "normal" of eight breaths a minute, that count doubles to 11,520 breaths daily. At 16, that rate reaches 23,000 breaths a day. At 25 breaths a minute, we are clipping along at 36,000 breaths a day.

Dr. Buteyko found that virtually all sick people (asthma, bronchitis, heart disease, diabetes, cancer, etc.) have accelerated respiratory patterns. During rapid breathing, carbon dioxide becomes deficient, oxygen delivery to the cells is reduced, breath-holding time is reduced, and the natural automatic pause is absent in each breath. Buteyko appreciated that breathing controls and modulates the body's cardiovascular, immune, nervous, and digestive systems.

Our breathing rate is a predictor of health, illness, and longevity. After thirty years of studying over 5,000 patients in what was called the Framingham studies, doctors from the Boston University School of Medicine said they could predict both long-term and short-term mortality based on peoples' breathing. Dr. William Kannel said with a person's breathing, we can "Pick out people who are going to die 10, 20, or 30 years from now."

Fast Breathing is Cancerous.

Breathing deserves our closest attention when our state of health is challenged, as with cancer. I have always recommended the Frolov breathing device to get started. It makes it easy for newcomers to breathe retraining but will not take you to the end or ultimate in breathing.

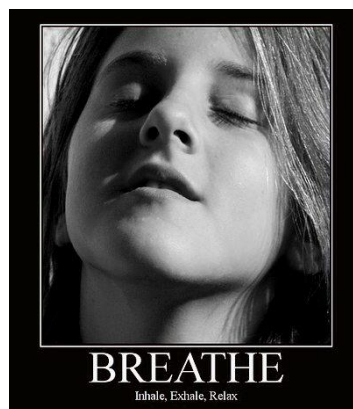


This is the machine to use for your breathing retraining. It is lovely to blow bubbles as one increases the oxygenation of one's cells and tissues. But unfortunately, it is from Russia, so it might be hard to come by in the West.



The Breather is second best. Many brands look and operate like this.

Slow, Steady & Easy Breathing



Seriously ill people with dangerous acute infections will benefit immediately from controlling the quantity of air going into and out of the lungs using a simple breathing device—based on CO₂ physiology—in the space of 20 minutes daily. One can begin, quite quickly, to get control of several critical medical parameters, the most important of which is oxygen delivery to cells and tissues.

For some people, breathing retraining is like standing on a chariot with four wild horses pulling back on the reins. The idea is to limit the airflow by slowing everything down. Doing that increases electron flow and raises cellular voltage, pH, oxygenation, and carbon dioxide levels.

When we allow CO₂ levels to **rise** to normal levels, we also allow oxygen levels to return to normal. When we deal with a person's breathing, we can quickly intervene in the most basic physiological parameters that affect the health of the cells.

The second we pay attention to our breath, our breathing changes, and when we are emotionally upset, we can see how quickly conscious breathing can bring us back to emotional tranquility.

Less is More

Medical studies have shown that the more we breathe, the less oxygen is provided for the body's vital organs. Does that sound upside down to you? Well, it's true. However, idea breathing corresponds to prolonged, light, and easy abdominal breathing (diaphragmatic or belly breathing), which most people need to relearn.

It is difficult to recover from anything when we are breathing wrong. Diaphragmatic breathing allows one to take normal breaths while maximizing the amount of oxygen that goes into the bloodstream.

The Chinese and ancient Indian civilizations developed hundreds of breathing techniques. Now modern science has gotten into the act with breathing devices that, when used only 20 minutes a day, increase one's oxygen and cellular voltage, especially when one harnesses bicarbonates to assist in this process. Chlorine dioxide will also help raise oxygen but in a more targeted fashion.

When looking to recover from disease, especially cancer, we cannot afford to overlook the central question of oxygen and its efficient delivery to our cells, which is partly governed by a person's breathing. But unfortunately, most doctors have no idea that people can go a long way toward solving their health problems by retraining their breathing because they are trapped by the pharmaceutical paradigm that rejects the natural world.

Mantak Chia wrote, "For thousands of years, Taoist masters have taught natural breathing. We can improve the functioning and efficiency of our heart, lungs, and other internal organs and systems. We can help balance our emotions. We can transform our stress and negativity into energy we can use for self-healing and self-development. And

we are better able to extract and absorb the energy we need for spiritual growth and independence."

We breathe every day, so we might as well do it right.

The American Academy of Cardiology says, "Stress can cause shortness of breath or worsen it. Once you start feeling short of breath, it is common to get nervous or anxious. This can make your shortness of breath even worse. Being anxious tightens the muscles that help you breathe, and this makes you start to breathe faster. As you get more anxious, your breathing muscles get tired. This causes even more shortness of breath and more anxiety. At this point, you may panic."

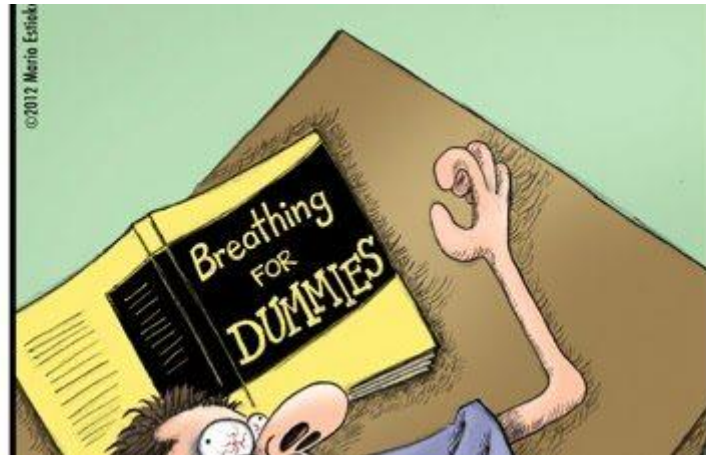
Learning to "void or control stress can help you avoid this cycle. You can learn tips to help you relax and learn breathing techniques to get more air into your lungs.
American Academy of Cardiology

Healthy Breathing

1. Breathing detoxifies and releases toxins.
2. Breathing releases tension.
3. Breathing relaxes the mind/body and brings clarity.
4. Breathing relieves emotional problems.
5. Breathing relieves pain.
6. Breathing massages your organs.
7. Breathing increases muscle.
8. Breathing strengthens the immune system.
9. Breathing improves posture.
10. Breathing improves the quality of the blood.
11. Breathing increases digestion and assimilation of food.
12. Breathing improves the nervous system.
13. Breathing strengthens the lungs.
14. Proper breathing makes the heart stronger.
15. Proper breathing assists in weight control.
16. Breathing boosts energy levels and improves stamina.
17. Breathing improves cellular regeneration.
18. Breathing elevates moods.

Even *Readers Digest* wrote about breathing saying, "What could be more basic than breathing? Inhale, exhale, repeat, right? Not exactly. While western science and medicine focus on breathing as a bodily function integral to survival, eastern health sciences approach it as nourishment for both body and spirit. The Chinese believe that mindful breathing or breathwork has numerous benefits, including improved focus and efficiency, increased positivity, and greater physical and mental energy."

Breathing for Dummies



Emergency room and intensive care professionals understand the importance of respiration. Oxygen and carbon dioxide are what stand between life and death, so our next breath matters. However, it is only when we get close to death's door that doctors finally pay attention to respiration.

Bottom line—the quicker we breathe, the sooner we are going to die. The more our breathing races, the less oxygen we get, and the faster our bodies begin to suffer from one chronic ailment or another. Eight breaths a minute is very healthy though few breathe today slower than 12. Cancer patients tend to breathe at 15 to 25 breaths a minute.

Vernon Johnston cured himself of cancer (prostate and bone) with a good diet and sodium bicarbonate to get and maintain his urine pH at eight and four hours of conscious breathing a day. I have not talked to anyone in all the years since that has equaled his accomplishment. It took him only one month to be cancer-free.

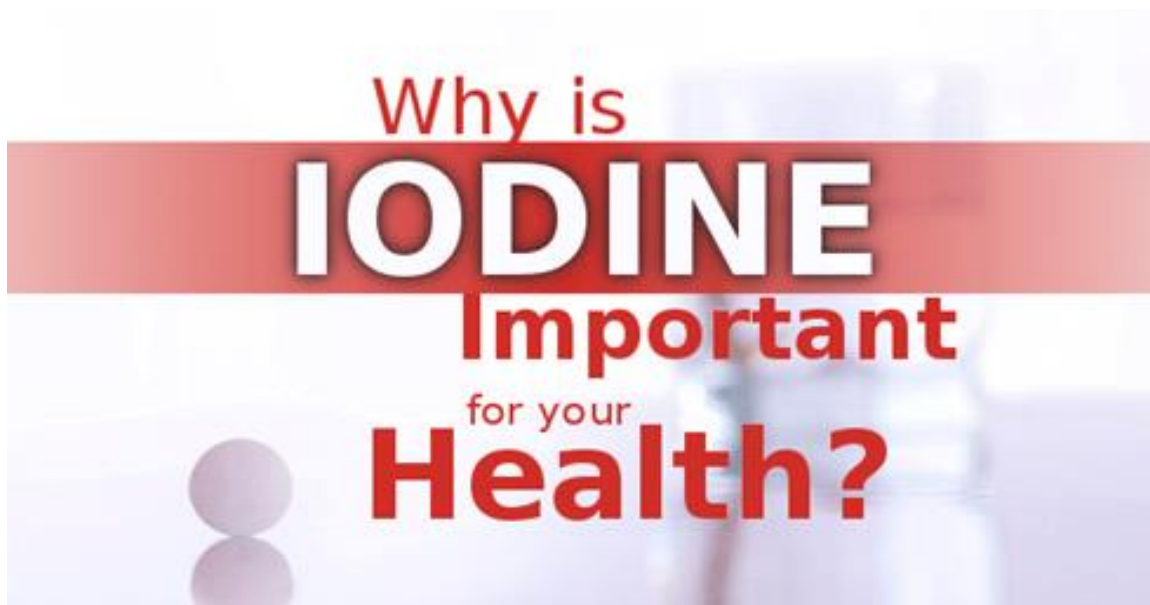
Pain and Stress Control



Yoga goes with breathing. You can do many things to relax, and yoga postures are one of them.

Warning: Depending on the severity and type of the condition, patients can worsen their health if they go into intensive breathing sessions too aggressively. Some critically ill patients can develop even higher blood pressure, panic attacks, and migraine headaches from aggressive and rapid changes in breathing.

Why Iodine Supplementation is So Essential



Iodine was known by many medical doctors in the 19th Century as an empirical remedy, a natural “heroic remedy,” a present from the science of medicine to humanity. Nobel Laureate Albert Szent Györgyi, the physician who discovered Vitamin C in 1928, commented: “When I was a medical student, iodine was a universal medicine. Nobody knew what it did, but it did something and did something good.”

“Iodine is essential for life. No life can exist without it. Its home is the sea where primal life was born. Humans need it from the womb to the walking stick for growing up, enjoying optimal health, generating energy, and thinking clearly, writes Miriam Hodosy in her upcoming book *IODINE*. She calls iodine “the magic one,” so when we call for a divine marriage between iodine and chlorine dioxide, we will be combining two substances that many know in their heart are magical.

Dr. Gabriel Cousens said, “In 1950, the Japanese had 100 times more iodine in their diet than Americans. In 2001 they had 202 times more iodine than Americans and were using up to 13.8 milligrams daily instead of the average U.S. intake of 425 micrograms. Unfortunately, there has been no real study, ever, about what is the optimal safe dosage of iodine. But, again, **no one has ever died from iodine overdose or allergic reactions.**”

We knew a hundred years ago that we needed more iodine, and governments started putting a tiny bit in table salt. However, it was not enough, and after the nuclear accident at Fukushima, we need more because of the radioactive iodine released into the environment. Therefore, humans in the 21st Century have an absolute need for iodine medicine, which is a bit more intense than just iodine supplementation. Iodine is one of a small group of drugs that stands between antibiotic-resistant hell and us. Chlorine dioxide is another, with selenium, magnesium, and bicarbonates standing by offering vital assistance.

Dr. David Brownstein tells us that the “Iodine deficiency epidemic was increasing because of our increasing exposures to toxic halides fluoride and bromide. These toxic elements competitively inhibit iodine in the body. Our water supply has been contaminated with fluoride, and our food supply has been adulterated with bromine in the form of brominated flour and vegetable oils. Bromide is also found in many commonly used consumer items as a fire retardant.”

Brownstein also reports that U.S. dietary iodine intakes have decreased drastically since the 1970s, with iodine deficiency reemerging in vulnerable groups such as women of reproductive age.

Dr. Tina Kaczor reported, “The first report of geographical regions with high rates of goiter having higher rates of cancer mortality was published in 1924. Ongoing epidemiological data has corroborated the association between goitrogenous regions (iodine-deficient regions) and cancer incidence/mortality, particularly stomach cancer. **Epidemiological evidence also suggests that thyroid disorders, particularly goiter, may be associated with breast cancer incidence and/or mortality.** Other cancers associated with a goitrogenic state include prostate, endometrial, ovarian, colorectal, and thyroid cancer. It is not clear whether these associations are due to an underlying hypothyroid state, the presence of occult autoimmune processes, or iodine deficiency itself.”

The first thing that happens to a woman when she develops an iodine deficiency is a problem with her reproductive organs: breast deformation and general calcification. Dr. David Miller says, “Iodine is needed in microgram amounts for the thyroid; milligram amounts for breast and other tissues and can be used therapeutically in gram amounts.”

Dr. David Derry said, “Lugol’s solution is an iodine-in-water solution used by the medical profession for 200 years. One drop (6.5 mg per drop) of Lugol’s daily in water, orange juice, or milk will gradually eliminate the first phase of the cancer development, namely fibrocystic disease of the breast so that no new cancers can start. It also will **kill abnormal cells floating around in the body at remote sites from original cancer.** This approach appears to work for prostate cancer as prostate cancer is similar to breast cancer in many respects. Indeed, it likely will help with most cancers.

Chlorine Dioxide, Oxygen with Iodine

We can see how iodine is vital in cancer treatment because it provokes cell apoptosis and kills viruses, bacteria, and fungus on contact (infections cause as much as 40 percent of cancers) and also because iodine is crucial in metabolism and oxygen delivery to the cells. Any element that threatens the oxygen-carrying capacity of the human body will promote cancer growth. Likewise, any therapy that improves oxygen function can be expected to enhance the body’s defenses against cancer.

Few associate iodines with oxygen, and in the mainstream of medicine, even fewer see that chlorine dioxide delivers oxygen to the exact locations in the body most desperately needing a breath of fresh air. Iodine will amplify the effects of chlorine dioxide because

iodine-carrying thyroid hormones are essential for oxygen-based metabolism.

First, increases in iodine and thyroid hormones increase red blood cell mass and oxygen disassociation from hemoglobin. Thyroid hormones have a significant influence on erythropoiesis, which is the process that produces red blood cells (erythrocytes).

The most common thyroid dysfunctions, hypothyroidism, and hyperthyroidism affect blood cells and cause anemia with different severity. In addition, thyroid dysfunction and iodine deficiency induce other effects on blood cells such as erythrocytosis, leukopenia, thrombocytopenia, and in rare cases causes, pancytopenia. It also alters RBC indices, including MCV, MCH, MCHC, and RDW.

Thyroid hormone increases oxygen consumption and mitochondrial size, number, and critical mitochondrial enzymes. Meaning iodine increases plasma membrane Na-K ATPase activity, increases futile thermogenic energy cycles and decreases superoxide dismutase activity.

Oxygen levels are sensitive to a myriad of influences. For example, toxicity, emotional stress, physical trauma, infections, reduction of atmospheric oxygen, nutritional status, lack of exercise, and especially improper breathing will affect the oxygen levels in our bodies.

Dr. Otto Warburg won the Nobel Prize in Medicine in 1931. One of his most significant discoveries was that cancer occurs in the absence of free oxygen. What it means is that cancer is caused by a lack of free oxygen in the body, and therefore, whatever causes this drop in free oxygen to occur is a root cause of cancers.

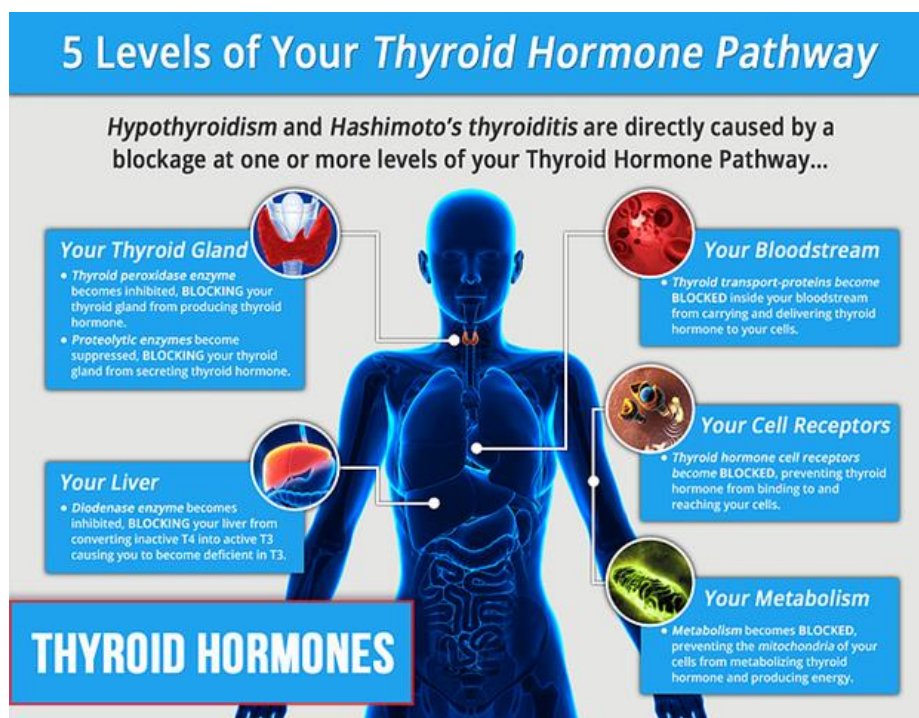
Hypoxemia, or what might be called “blocked oxidation,” is followed by fermentation of sugar in cells, which then leads to the primary condition upon which cancer, infectious and inflammatory processes feed. Viruses are “anaerobic” creatures that thrive in the absence of oxygen. Yeast, mold, and fungus live in an anaerobic environment. Most strains of harmful bacteria (and cancer cells) are anaerobic and are not comfortable in the presence of higher oxygen levels, so doctors will find cancer cells easier to kill when oxygen levels are increased.

The most critical factor in creating proper pH is increasing oxygen because no wastes or toxins can leave the body without first combining with oxygen. The more alkaline you are, the more oxygen your fluids can hold and keep. Oxygen also buffers/oxidizes metabolic waste acids helping to keep you more alkaline. Therefore, iodine sufficiency is one crucial key to oxygen sufficiency.

According to Annelie Pompe, a prominent mountaineer and world-champion free diver, alkaline tissues can hold up to 20 times more oxygen than acidic ones. When our body cells and tissues are acidic (below pH of 6.5-7.0), they lose their ability to exchange oxygen. Increases in carbon dioxide, bicarbonates, and electrons lead to increased oxygen.

The quickest way to increase oxygen and pH is through the administration of sodium bicarbonate, and that is why bicarbonate has always been a mainstay in emergency rooms and intensive care medicine. But, of course, when we are increasing oxygen and pH levels, we are simultaneously increasing cellular voltage.

Reasons we need Iodine in Abundance.



The first is its antibiotic, anti-fungal, and anti-viral effects. Though it kills 90 percent of bacteria on the skin within 90 seconds, its use as an antibiotic has been ignored. Iodine exhibits activity against bacteria, molds, yeasts, protozoa, and many viruses; indeed, of all antiseptic preparations suitable for direct use on humans and animals and upon tissues, only iodine is capable of killing all classes of pathogens: gram-positive and gram-negative bacteria, mycobacteria, yeasts, and protozoa. Most bacteria are killed within 15 to 30 seconds of contact.

Thus one can expect even better results when the extraordinary power of chlorine dioxide is brought to bear on pathogens. Using iodine and chlorine dioxide together qualifies as a global insurance policy against antibiotic and anti-fungal resistant infections. For that reason alone, plus all the reasons listed below, **iodine cannot be left out of chlorine dioxide protocols.**

The second iodine is vital in the **treatment of cancer.** Iodine is indispensable in protecting against the thyroid, breast, ovary, and prostate cancer because these glands concentrate iodine more than other tissues. Iodine deficiencies leave these glands vulnerable. Iodine also is indispensable for treating anything on the skin, even skin cancer, mainly because it kills everything on contact that does not belong.

The third, iodine, is protective against radioactive iodine. We cannot begin to understand how important this is until we also learn how dire the threat is of radiation. Dr. John W. Gofman, Professor Emeritus of Molecular and Cell Biology at the University of California at Berkeley, has written extensively about the effort to belittle the menace of low-level radiation. People associated with the nuclear and medical industries assert falsely, “there is no evidence that exposure to low-dose radiation causes any cancer—the risk is only *theoretical*,” or “the risk is utterly *negligible*,” or “the accidental exposures were below the *safe* level,” and even “there is reasonably good evidence that exposure to low-dose radiation is *beneficial* and lowers the cancer rate.” By any reasonable standard of scientific proof, the weight of the human evidence shows decisively that cancer is inducible by ionizing radiation even at the lowest *possible* dose and dose rate—which means that the risk is never theoretical.

Different isotopes of radioactive iodine, one with an incredibly long half-life, have been dumped into the environment by the Fukushima meltdown. Iodine deficient adults and children are sitting ducks to their radioactive cousins, especially if they eat milk and cheese because radioactive iodine gets into the grass the cattle eat. It just goes up the food chain to your door.

Fourth is the absolute necessity of iodine in metabolism. Human life is not possible without iodine. That truth is essential to every cell in our bodies.

Fifth is its role in the production of hormones. Iodine helps synthesize thyroid hormones and prevents both hypo- and hyperthyroidism. Iodine sufficiency reverses hypo- and hyperthyroidism. Iodine’s ability to revive hormonal sensitivity seems to significantly improve insulin sensitivity. Iodine attaches to insulin receptors and improves glucose metabolism. Iodine is the best nutritional support for your thyroid. Your thyroid controls your metabolism, and the efficiency of your metabolism is directly related to your immune system.

Sixth is its role in the immune system. A long-term deficiency hinders the body’s ability to resist infection and disease in iodine. A poor immune response is directly tied in with impaired thyroid function; an iodine deficiency can significantly affect the immune system because low levels of iodine lead to problems with the thyroid gland.

Iodine purifies water, and it does the same job in the bloodstream. So iodine purifies the complete bloodstream of the body (something the thyroid does every 17 minutes), meaning sufficient levels of iodine, especially in children, keep the body free of pathogens; no vaccines are needed!

Dr. Gabriel Cousens lists many other essential functions of iodine.

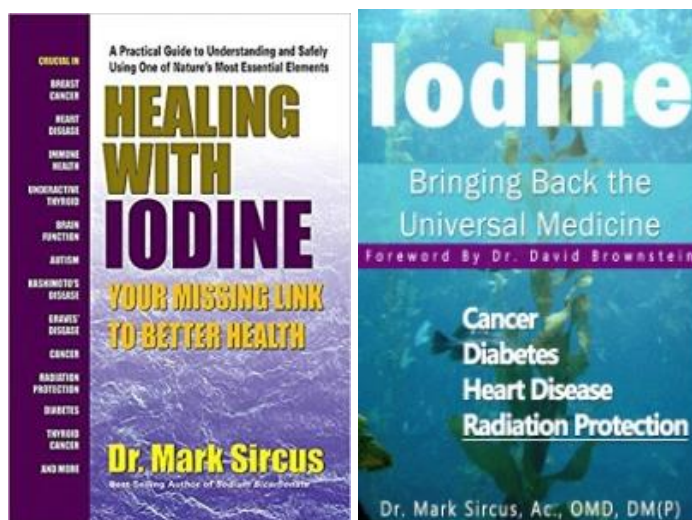
- 1) Iodine prevents heart disease.
- 2) Iodine eliminates toxic halogens from the body (including radioactive I-131).
- 3) Iodine supports apoptosis.

- 4) Iodine activates hormone receptors and helps prevent certain forms of cancer.
- 5) Iodine protects ATP function and enhances ATP production.
- 6) Iodine prevents fibrocystic breast disease.
- 7) Iodine decreases insulin needs in diabetics.
- 8) Iodine helps support protein synthesis.
- 9) Iodine deficiency is a global health threat.
- 10) Iodine destroys pathogens, molds, fungi, parasites, and malaria.
- 11) Iodine is needed with the use of cordless phones, cell phones and now smart meters to prevent hypothyroidism.
- 12) Iodine supports pregnancy (as the fetus undergoes more apoptosis than any other developmental stage).
- 13) Iodine regulates estrogen production in the ovaries.
- 14) Iodine is anti-mucolytic (meaning it reduces mucus catarrh).
- 15) Iodine neutralizes hydroxyl ions and hydrates the cells.
- 16) Iodine makes us smarter.
- 17) High doses of iodine may be used for wounds, bedsores, inflammatory and traumatic pain, and restoration of hair growth when applied topically.
- 18) Iodine helps in the diminishing of tissue scarring, cheloid formations, and Dupuytren's and Peyronie's contractures, which are hyper-scarring conditions.
- 19) High doses of iodine may be used to reverse certain diseases.
- 20) Iodine supports spiritual development.

I have always recommended liquid iodine in the form of Nascent Iodine, which I recommend for children and iodine-sensitive patients who need to start at very low

dosages, and *Lugol's Iodine*, which has been around for almost two centuries. Solid forms are available.

Iodine Medicine



Doctors and their medical school teachers have forgotten about iodine and its importance in health and medicine. Their stubbornness, arrogance, and ignorance of iodine create unimaginable pain and suffering that, for many, ends with death from cancer. If you want someone to die from cancer, do not give them iodine. Unfortunately, that means most oncologists have a death wish for their patients wanting to maximize the chances that their treatments will not work.

Before doctors got swept away by the pharmaceutical companies and their salespeople, iodine was one of the most commonly prescribed medicines. Now in the age of antibiotic-resistant infections, it is more important than ever to remember iodine because it kills viruses, bacteria, and fungus cells that antibiotics no longer can.

The entire edifice of modern medicine is likely to collapse when antibiotics become useless because it will be impossible to walk into a hospital without literally taking your life.

Dentists Use Chlorine Dioxide Just Don't Swallow



Chlorine dioxide (ClO_2), a potent biocide, has been used to disinfect municipal water for many years. Now dentists are using it significantly in controlling conditions in the oral cavity. Chlorine dioxide is openly recommended by medical science and used for wound irrigation and treating oral health issues.

ClO_2 is probably the most extensively tested disinfectant in history. It is a safe and effective biocide. It has been used to eliminate water pathogens and is excellent for attacking biofilms. That is why it is used in commercial water cooling towers. It works so well that pharmaceutical companies had to convince governments worldwide to make it illegal to swallow because it would put them out of business. It is unlawful to promote it as a medicine even though dentists know it is and use it to help their patients.

Because of this biofilm control property, dentists love it because it gets the teeth squeaky clean as the film pellicle that forms on teeth (responsible for plaque adherence) breaks down. Its effectiveness for whitening and freshening does not come from magic but fundamental chemistry. But even more importantly, chlorine dioxide mouthwash used over a 7-day period is effective in reducing plaque, tongue coating accumulation, and the counts of *Fusobacterium nucleatum* in saliva. As one would expect, it is also effective at eliminating bad breath.

Chlorine dioxide is used to disinfect drinking water around the world and is approved for use by the Environmental Protection Agency (EPA) and included in the World Health Organization's (WHO) Guidelines for Drinking-water Quality. The U.S. Food and Drug Administration (FDA) also has approved the use of chlorine dioxide in specific food applications and over-the-counter and prescription drugs. Chlorine dioxide helps destroy bacteria, viruses, fungus, and some types of parasites that can make people sick, such as *Cryptosporidium parvum* and *Giardia lamblia*.

Chlorine dioxide can be used in mouthwashes and dentistry products as an oxidizing biocide compound. It is legal to allow it into the mouth, but God forbid you to swallow it, for then the FDA will call out their SWAT teams and bust down your door. Perhaps they will have to put a camera in every bathroom to ensure you don't swallow.

Because chlorine dioxide is routinely added to drinking water, sprayed on food, used in toothpaste and mouthwash, and is an approved ingredient in over-the-counter and prescription drugs, the media-generated hysteria that chlorine dioxide is "toxic bleach" is easily refuted.

<https://www.youtube.com/watch?v=MNQUTeLz7vs>

What it does in the oral cavity it will do the same to the entire body if you swallow. CDS (chlorine dioxide) as a mouthwash along with DMSO is widely used in dentistry, and some companies have created CDS mouthwash products.

Dentists Love Chlorine Dioxide



DioxiBrite's Active Chlorine Dioxide toothpaste incorporates qualities never found in toothpaste before. It outperforms all major brands because it uses chlorine dioxide.

- Fast-acting: It kills all mouth bacteria in one minute
- Remove stains and whitens teeth naturally
- It kills germs that cause foul tastes and odors, immediately refreshing your breath.
- Eliminates tartar & plaque buildup, the primary cause of tooth decay and gum disease.
- Improves enamel giving you strong, healthy teeth.

- Quickly permeates between tooth surfaces and gums, healing gingivitis
- Deactivates bacteria, viruses, yeast, and spores; fewer germs in your mouth
- It helps keep your toothbrush clean and germ-free.
- It does not sensitize the teeth and has a refreshing natural flavor.

Dr. Syed Ahmed Raheel writes, "Aqueous solutions of chlorine dioxide (ClO₂) have been effectively used as an antiviral preventive protocol in mouthwash for a long time. This aqueous ClO₂ can inactivate all types of pathogens in the oral cavity. Noss et al. (1986) showed the actions of ClO₂ on viral capsid proteins, namely cysteine, tyrosine, and tryptophan, as they readily reacted with ClO₂. Ogata (2007) listed the antimicrobial activity of ClO₂ mainly due to protein denaturation followed by oxidative modification of tyrosine and tryptophan." Gargling with iodine has also been helpful in containing COVID and other pathogens in the oral cavity.

Interestingly enough, SARS_CoV-2 sports spike proteins containing residues of tyrosine, tryptophan, and cysteine. Therefore, Dr. Raheel thinks that using chlorine dioxide in the mouth can prevent COVID infections (and that would be legal), but it must be swallowed for treatment once infected. (Don't do that unless you want to clear the body of COVID quickly.)

Products with stabilized chlorine dioxide are helpful for cancer patients. They do not contain alcohol, do not cause staining or alter the taste, and can be used long-term without a prescription. However, products containing chlorine dioxide mixed in a bottle lose effectiveness after being open for two weeks and no longer have bactericidal benefits. A two-part system such as OraCare, combines ingredients and is activated for 30 seconds before rinsing solves that problem.



OraCare rinse mitigates some of cancer treatment's most common oral side effects. Almost all patients who undergo chemotherapy and radiation experience the adverse oral side effects of treatment, such as dry mouth, increased decay, mouth sores, and fungal infections.

OraCare utilizes activated chlorine dioxide and xylitol, which have properties that extend to various uses throughout the practice. It eliminates bacteria, viruses, and fungi, making it an ideal pre-rinse. It is commonly recommended for home care, tissue management, bad breath, gingivitis, periodontal disease, decay reduction, dry mouth, mouth sores, and

fungal infections. Coincidentally, these are some of the most common oral side effects of cancer treatment.

"OraCare was invented for general hygiene patients as a better alternative to chlorhexidine rinses. But almost immediately, we started hearing from cancer patients telling us that it provides incredible relief from their uncomfortable side effects. We started the OraCare Cares Program specifically to help more of these patients," said Dr. Robert Martino, OraCare CEO.

Catherine N. from Quebec says:

I am currently undergoing chemotherapy for breast cancer. Some side effects of the chemo are mouth sores, dry mouth, and a metallic taste that never seems to subside despite several daily brushings. The only thing that gives me some relief from all these symptoms is OraCare. It cured two mouth sores in a day and helped alleviate dry mouth each time I had chemo.

In the past, both hydrogen peroxide and chlorhexidine rinses have been used. Neither is recommended now. Hydrogen peroxide is not recommended as it may delay wound healing, promote emesis, cause demineralization, promote fungal growth, and contribute to dry mouth, thirst, and discomfort. Chlorhexidine is not recommended as it may interfere with healing, alter oral flora, promote bacterial (pseudomonas) growth, has an unpleasant taste and results in taste distortion, stains teeth and cosmetic restorations, and contains alcohol. Chlorhexidine is not effective in the presence of blood or toothpaste, and nystatin reduces its effectiveness.

Testimony

"I have developed a new Protocol for oral hygiene called Protocol-MT&T. It combines CLO2 and Baking Soda to create a slightly alkaline 50 ppm solution which I feel is just right to be used as a mouthwash, as a teeth brushing solution, and as a throat gargle twice a day for as many years as you like. A side benefit of using it twice a day, week after week, month after month, etc. though, is that I believe using it in this way will also act as a prophylactic against all respiratory viruses, including Covid, and it may be what has helped me to stay Covid free the entire pandemic."

Doctors Should Prescribe Chlorine Dioxide For Oral Care



Doctors should be especially interested in recommending chlorine dioxide to all their patients to control the flora in their mouths, importantly to *eliminate* gingivitis, and thus overall inflammation and increased rates of heart disease. Scientists have discovered a conclusive link between gum disease and cancer and heart disease through the years.

Doctors need to study what dentists are already doing. They are using chlorine dioxide to mitigate periodontal severe disease. It is a chance for doctors to do a fantastic job with disease prevention. A chance to cut infections off at the pass. Thus a chance to prevent the torment of cancer. However, dentists do not recommend their patients swallow chlorine dioxide, but doctors should. It will be ideal for whatever tissues it descends upon if it is suitable for the oral cavity.

This is all-important because “Our study provides the first strong evidence that periodontal disease increases the risk of pancreatic cancer,” said Dr. Dominique Michaud of the Harvard School of Public Health in Boston, who led the research. Men with a history of periodontal disease had a 64% higher risk of pancreatic cancer than men without a history.

People with increased severity of periodontitis with recent tooth loss had the most significant risk. People with periodontal disease have increased inflammatory markers such as C reactive protein (CRP) in their blood. These markers are part of an early immune system response to persistent inflammation and have been linked to the development of pancreatic cancer. The high levels of carcinogenic compounds present in the mouths of people with periodontal disease increase the the risk of pancreatic cancer.

A published study in the *Journal of Periodontology* confirms recent findings that people with periodontal disease are at a greater risk of systemic diseases, and the periodontal disease appears to be a risk factor for heart disease and stroke. Men with periodontitis had a 72% greater risk of developing coronary disease. Gingivitis was associated with a 42% increased risk for men. A 1996 study involving over 1,100 individuals found that the incidence of coronary heart disease, fatal coronary disease, and strokes were all significantly related to their baseline periodontal status.

Oral Cancer

The same bacterium that has been cultured from the crud, or plaque, is seen in arteries. According to an article published in the *Archives of Otolaryngology—Head and Neck Surgery*, chronic periodontitis is associated with an increased risk of developing cancer of the tongue among men. Researchers at the University at Buffalo and Roswell Park Cancer Institute have found the same thing.

The incidence of oral cancer is on the rise. Current estimates have the rate of increase at around 11%, with approximately 34,000 people in the U.S. being diagnosed with oral cancers each year. Of those 34,000 newly diagnosed individuals, only half will be alive in five years. Oral cancer can mimic common mouth sores meaning most patients do not experience noticeable symptoms in the early stage of the disease process, and that is dangerous.

Mercury Vapors

*Most of our cancer patients have
a lot of amalgam dental fillings.*

Professor W. Kostler

President of Austrian Society of Oncology

Mercury vapors in the mouth, increased use of antibiotics, periodontal disease, improper oral care, yeast and fungal overgrowth, and decreasing immune strength collide and reinforce each other in a downward trend that leads to disease and cancer. More than 50 million Americans suffer from periodontitis.

<https://www.youtube.com/watch?v=pB8RgBF1JsQ>

*Gas and kill them is what we are doing to viruses
when we apply chlorine dioxide as a treatment.*

The underlying causes of periodontal disease are infectious agents such as viruses, bacteria, spirochetes, amoebas, and fungus. Periodontitis is a micro-climate that reflects the macroclimate of the entire body. In periodontal disease, the pathogens form a sticky, colorless plaque (Biofilm) that constantly forms on our teeth; however other factors can cause periodontal (gum) disease or influence its progression. Harvard Medical School researchers studied longevity and found that one of the most important factors for the *prevention of periodontal disease and gingivitis is daily flossing because it removes bacteria from the teeth and gums.*

Oral candidiasis, a fungal infection in the mouth, appears more frequently amongst diabetics and people who wear dentures. If you smoke, have high blood glucose levels, or take antibiotics often, you are more likely to have a problem with oral fungal infections. Oral candidiasis is also more common amongst immunocompromised people such as those with HIV or AIDS, pregnant, or undergoing chemotherapy or radiation therapy.

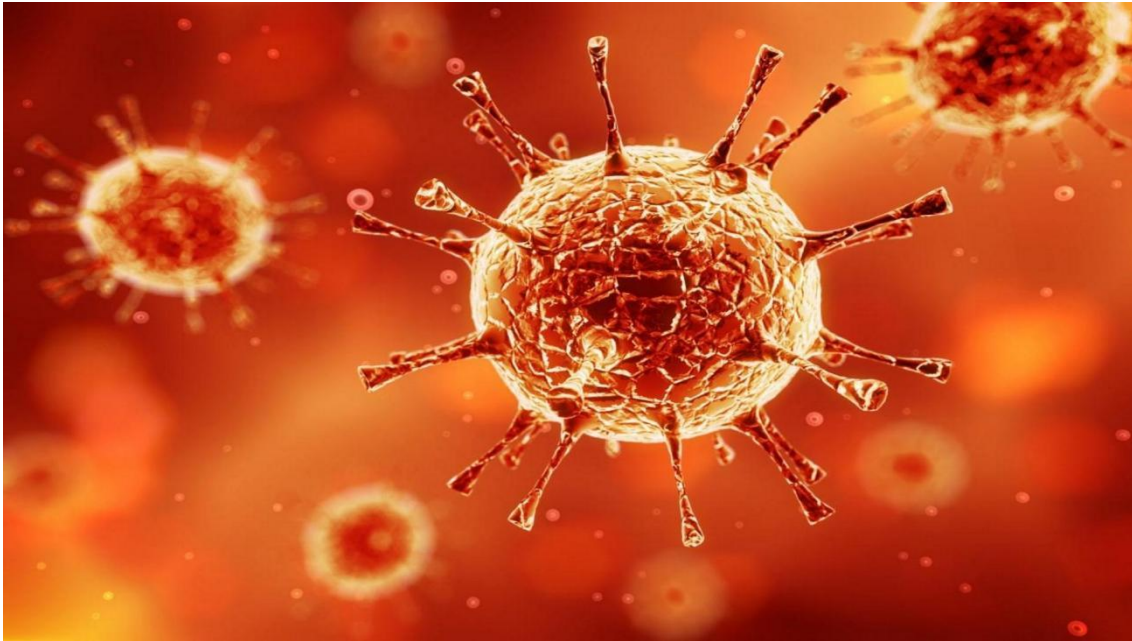
STOP USING FLUORIDATED TOOTHPASTE! Commercial kinds of toothpaste are worthless as healing oral health agents though it does take a serious adjustment of the mind to throw out those tubes that have been around since we could walk and talk.

Sodium bicarbonate is used to reduce the inflammation of oral mucosa resulting from chemotherapeutic agents or ionizing radiation. Mucositis typically manifests as erythema or ulcerations.



Julia Roberts is famous for her bright smile and the actress says she owes it to her grandfather's tip of using baking soda. "I brush [my teeth] with baking soda. [My grandfather] would put a big heaping mound of it on his toothbrush. He had only one cavity in his entire life," Roberts said.

Chlorine Dioxide, Bicarbonate, and Iodine in the Age of Pharmaceutical Resistant Infections



When dealing with antibiotic and anti-fungal resistant infections, one wants all the insurance possible to ensure favorable treatment outcomes. Unfortunately, infectious diseases spread quickly from patient to patient when you crowd sick people together. As a result, we see hospital-acquired infections in almost every hospital. Not all of them are antibiotic-resistant yet, but antibiotics, in the long run, have proved to be not such a good idea. First, they saved a lot of people, but now they have bred a whole army of pathogens resistant to all antibiotics and antifungals. The gain of function (man-made) viruses and experimental genetic vaccines are the biggest threat on the viral side.

The CDC announced in 2019 that "antibiotic-resistant bacteria and fungi cause more than 2.8 million infections and 35,000 deaths in the United States each year.

The New York Times has a distressing report on the epidemic of antibiotic-resistant "superbugs" killing newborns by the tens of thousands in India. "Infants are born with bacterial infections that are resistant to most known antibiotics, and more than 58,000 died last year; as a result, a study found. "Five years ago, we seldom saw these kinds of infections," said Dr. Neelam Kler, chairperson of the neonatology department at New Delhi's Sir Ganga Ram Hospital, one of India's most prestigious private hospitals. "Now, **close to 100 percent of the babies referred to us have multidrug-resistant infections. It's scary.**"

These babies are part of a disquieting outbreak. A growing chorus of researchers says the evidence is now overwhelming that a significant share of the bacteria present in India —

in its water, sewage, animals, soil, and even its mothers — are immune to nearly all antibiotics.

The chief medical officer of the United Kingdom, Dame Sally Davies—who calls antibiotic resistance as serious a threat as terrorism—recently published a book titled *Drugs Don't Work*, where she describes **a world where the infection is so dangerous that anyone with even minor symptoms would be locked in confinement until they recover or die.**

Salon Magazine published, "Over 95 percent of physicians are concerned about antibiotic resistance, a Consumer Reports poll found. And they have good reason to. Called a global threat by the World Health Organization and "the next pandemic" by CDC ex-director Thomas Friedan, antibiotic resistance threatens their ability to do their jobs. Imagine being a doctor and telling a patient with a common but serious disease, like pneumonia, a urinary tract infection, or gonorrhea, that **there's nothing you can do to help them.**"

Anyone in medicine with half a brain knows that chlorine dioxide would do the job, just like it does in water treatment plants worldwide. Public water treatment professionals are not stupid—they love chlorine dioxide for its broadband ability to take out all classes of pathogens while leaving a toxic trail so slim you would need the Hubble telescope to see it.

It is not the job of this chapter to detail the mechanisms of these natural (bicarbonates and iodine) and semi-natural medicines (chlorine dioxide). However, here we will lay out the dire need for them. We are almost at the point where the future of humanity and, indeed, the safety of hospitals will depend on them. Today, even with antibiotics, simple cuts and scratches can escalate dramatically.



Source: Thinkstock

Alarm bells are ringing around the world. The mainstream media reports this: "**The rise of the superbug is happening right now — and our last defense has just begun to collapse. The world is on the brink of an antibiotic apocalypse.** A new dark age of medicine looms. The world of our great-grandparents may be about to return. It's a world where one in every 200 mothers dies after childbirth because of infection. It's a world where one in nine people who suffered an infected cut or scraped sickened and died. But that's not all. Got a sore throat? It could lead to a heart attack. What about a funny tummy? Dehydration. Then death."

It will get that bad because the medical-industrial complex will resist life-saving chlorine dioxide, iodine, and sodium bicarbonate.

Bad Medical Karma

Recently researchers from several Chinese, British, and U.S. universities announced in the journal *Lancet Infectious Diseases* that they have identified a new form of resistance to the very last-ditch drug colistin—and that it is present in both meat animals and people, which probably comes from agricultural use of that drug, can move quickly among bacteria, and may already be spreading across borders. Danish researchers fear the untreatable superbug is now firmly embedded in Europe.

Colistin, medicine's last-line antibiotic, is crumbling. It is being defeated. The New Scientist writes, "The last drug has fallen. Bacteria carrying a gene that allows them to resist polymyxins, the antibiotics of last resort for some kinds of infection, have been found in Denmark and China, prompting a global search for the gene. The discovery means that gram-negative bacteria, which cause common gut, urinary, and blood infections in humans, can now become "pan-resistant," with genes that defeat all available antibiotics."

Despite their dangers, fluoroquinolones are the most commonly prescribed class of antibiotics in the United States. This is because no other antibiotic carries as high a potential to cause serious, permanent injuries and even death as the fluoroquinolones do.

Fungal Enemies

Before COVID, a hushed panic played out in hospitals worldwide as a deadly fungus spread, killing many people. Individual institutions, national, state and local governments were reluctant to publicize outbreaks of this drug-resistant infection, arguing there is no point in scaring patients — or prospective ones, meaning they do not want to scare patients away from going to hospitals.

Dr. Johanna Rhodes, an infectious disease expert at Imperial College London, said, "We are driving this with anti-fungicides on crops, and we have no idea where it's coming from. We've never heard of it. It's just spread like wildfire."



According to the *New York Times*, the over-prescription of antimicrobial drugs had also laid the groundwork for this relatively new germ that preys on people with weakened immune systems. According to the CDC, the infection – a fungus known as *Candida Auris* kills almost half of all patients who contract it within 90 days – is impervious to most major anti-fungal medications. First described in 2009 after a 70-year-old Japanese woman showed up at a Tokyo hospital with *C. Auris* in her ear canal, the aggressive yeast infection had spread across Asia and Europe – arriving in the U.S. by 2016.

Simply put, fungi are evolving defenses to resist and survive modern medications. "It's an enormous problem," said Imperial College of London fungal epidemiology professor Matthew Fisher, who co-authored a scientific review on the rise of resistant fungi. "We depend on being able to treat those patients with anti-fungal medications" that no longer work for this infection.

Science Daily said, "Infectious diseases are the world's number-one cause of death, with pathogenic fungi responsible for hazardous infections. Worldwide, more than €6 billion are spent yearly on anti-fungal medications. The costs of the medical treatment of infectious diseases caused by pathogenic fungi are estimated in the order of hundreds of billions of Euros."

Five hundred doctors were polled, with 85% saying they'd treated a patient with a confirmed or suspected antibiotic-resistant infection; 35% saw their patient suffer serious complications or die. That is why we need chlorine dioxide, iodine, and bicarbonates. We need safe interventions, but that is the last thing the FDA or CDC will advocate for.

Dr. Brad Spellberg of UCLA's David Geffen School of Medicine wrote, 'Rising Plague: The Global Threat from Deadly Bacteria and Our Dwindling Arsenal to Fight Them,' which is about medical frustrations and anger that come with the ineffectiveness of antibiotics. "Sitting with a family, trying to explain that you have nothing left to treat their

dying relative—that leaves an indelible mark on you," he says. "This is not cancer; it's an infectious disease, treatable for decades." And still treatable today if you employ chlorine dioxide, iodine, and bicarbonates.

Professor Timothy Walsh of the University of Cardiff told BBC News that the discovery of MCR-1 means that **the use of antibiotics will soon become obsolete**. "If MRC-1 becomes global, which is a case of when not if, and the gene aligns itself with other antibiotic resistance genes, which is inevitable, then we will have very likely reached the start of the post-antibiotic era," he said. "At that point, if a patient is seriously ill, say with E. Coli, then there is virtually nothing you can do."



David Cameron 2014 "Vowed Britain will lead a global fightback against antibiotic-resistant superbugs." But unfortunately, the mainstream did nothing, and the FDA and all health authorities would rather you die than take chlorine dioxide.

Erysipeas (Bacterial Infection) and Chlorine Dioxide



This woman had erysipelas (infection of the upper layers of the skin) and saw major improvements within just four days after spraying it with chlorine dioxide.

Chlorine dioxide (ClO₂) can destroy (through oxidation) disease-causing microorganisms that may be on or in the human body while doing no harm to the body. Furthermore, because of the chemical nature of chlorine dioxide, it destroys these microorganisms in such a manner that it is also killed at the same time, leaving behind only a few grains of plain table salt, discharged oxygen atoms, and dead microorganisms, which the body can wash out of the system.

Chlorine dioxide smashes all classifications of pathogens, as every water purification expert knows. Iodine at high dosages does the same. Campers use both to wipe out all classes of infectious agents from untreated water, and bicarbonates pull the rug out from under infections because most are pH-sensitive.

Dr. George Georgiou has published in the Journal of Bacteriology & Mycology that **chlorine dioxide effectively eradicated MRSA**. It came out ahead of all other natural substances tested. Chlorine dioxide used in vitro was the main focus of this research. He is also about to publish his success with Lyme disease, with the stubborn bacteria *Borrelia*, which forms biofilms to protect itself. Chlorine dioxide shreds biofilms to pieces.

Viral Nightmare



The official story on viral medications goes something like this. "Various drugs are available to treat viral infections. Although these drugs may not eliminate an infection, they are often effective in reducing its severity. Many viral illnesses are mild and clear up without treatment because healthy people can usually fight off infection quickly. Sometimes, antiviral drugs help to relieve symptoms and hasten recovery. However, because viruses invade body cells to multiply, antiviral drugs can damage body cells and the targeted viruses. Their use is therefore usually limited to treating severe or recurrent infections."

Chlorine dioxide does not damage body cells, not at all. And neither do iodine and bicarbonates, which are perfectly safe medicines. But unfortunately, virology is on a long slippery slope of deception and pharmaceutical terrorism. The hallmark of this medical field is a fascist obsession with vaccines and antiviral drugs that do more harm than help. When it comes to COVID, anything is better than the genetic vaccines and drugs like remdesivir used against this gain of function virus.

The Best Treatment for Vaccine and Viral Induced Myocarditis



This essay presents a medical discovery significant for those suffering from COVID vaccines and viral-induced myocarditis. We propose that the perfect, most fundamental treatment for myocarditis is magnesium chloride and chlorine dioxide. Magnesium because myocarditis is inflammation of heart tissues. Though doctors like to ignore it, magnesium controls and smothers the fires of inflammation and is *The Ultimate Heart Medicine*.

Chlorine dioxide should be employed for myocarditis firstly because myocarditis is usually caused by viruses, bacteria, and other pathogens, which chlorine dioxide can easily take out. The second reason is that chlorine dioxide will also reduce inflammation, and thirdly because it will rush oxygen into the heart tissues.

We live in a new age of medicine because the old age of modern medicine has just suicided itself and can be trusted for nothing helpful. This suicide started with the deliberate creation of COVID through gain of function research and the work of madmen. And then, the human race was subjected to 10 billion doses of experimental genetic vaccines. Thus the landscape of the world of health has changed. The human population is paying a high price in terms of vast increases in sudden death and extraordinarily high cancer rates and other diseases across the board. On top of this, hospitals have become death camps mistreating patients with astonishing cruelty and malpractice.

So everyone out there must change their ideas if safe and effective medicine is dear to their hearts. We need a universal protocol that is effective for both COVID viruses and

dangerous COVID vaccines. Too bad there is no treatment for destructive governments and medical regulatory organizations.

The common denominator between the virus and vaccines is the spike proteins. It is important to note that chlorine dioxide prevents spike proteins from sticking to ACE2 receptors on blood vessels, so this small substance is applicable for COVID infections and damages done by the spike proteins that the COVID vaccines command the body to produce.

COVID Vaccines and Myocarditis

Reports have suggested an association between the development of myocarditis and the receipt of messenger RNA (mRNA) vaccines against Covid-19. However, myocarditis is estimated to affect thousands of adults and children in the U.S. and around the world each year. 3.1 million cases of myocarditis were diagnosed in 2017 (statistics posted in Lancet, November 2018).

The U.S. military's own Defense Medical Epidemiology Database (DMED) shows:

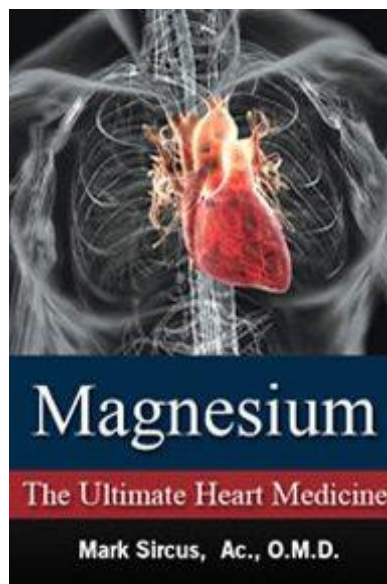
- Acute Myocardial Infarct Reports By Year up 343%
- Acute Myocarditis Reports By Year up 184%
- Acute Pericarditis Reports By Year up 70%
- Pulmonary Embolism Reports By Year up 260%
- Nontraumatic Subarachnoid Hemorrhage Reports By Year up 227%

Myocarditis is a disease that causes inflammation of the heart muscle. This inflammation enlarges and weakens the heart, creates scar tissue, and forces it to work harder to circulate blood and oxygen throughout the body. The inflammation reduces the heart's ability to pump and causes rapid or irregular heart rhythms (arrhythmias).

Common symptoms of myocarditis can include, but are not limited to:

- Shortness of breath, especially after exercise or when lying down
- Fatigue
- Heart palpitations
- Chest pain or pressure
- Lightheadedness
- Swelling in the hands, legs, ankles, and feet
- A sudden loss of consciousness

Magnesium – The Ultimate Heart Medicine



Low magnesium levels can be a predictor of heart disease.

Because magnesium is essential for healthy control of blood vessel function, blood pressure regulation, and regular heart contractions, a deficiency in magnesium increases the risk of conditions such as endothelial dysfunction, hypertension, cardiac arrhythmias,^{iv} and sudden death from cardiac arrest.

Magnesium is essential for the proper functioning of the heart. Magnesium's role in preventing heart disease and strokes is generally well accepted, yet cardiologists have not gotten up to speed with its use. Magnesium was first shown to be of value in treating cardiac arrhythmias in 1935. Since then, numerous double-blind studies have shown that magnesium is beneficial for many types of arrhythmias, including atrial fibrillation, ventricular premature contractions, ventricular tachycardia, and severe ventricular arrhythmias. Magnesium supplementation is also helpful in angina due to either a spasm of the coronary artery or atherosclerosis.

A magnesium deficiency is closely associated with cardiovascular disease. Lower magnesium concentrations have been found in heart attack patients, and administration of magnesium has proven beneficial in treating ventricular arrhythmias. Fatal heart attacks are more common in areas where the water supply is deficient in magnesium. The average intake through the diet is often significantly less than the 200-400 milligrams required daily.

If you're ever rushed to the hospital with a heart attack, intravenous magnesium could save your life. In a 1995 study, researchers found that the in-hospital death rate of those receiving IV magnesium was one-fourth of those who received standard treatment alone.

In 2003, a follow-up study of these same patients revealed an enduring effect of magnesium treatment. Nearly twice as many patients in the standard treatment group had died compared to those who received magnesium. In addition, there were considerably more cases of heart failure and impaired heart function in the placebo group. In addition

to increasing survival after a heart attack, IV magnesium smoothes out arrhythmias and improves patients undergoing angioplasty with stent placement.

Magnesium helps induce nutrients in and out of cells and thus affects the life process. As **magnesium has a stabilizing effect on membranes**, it can be used in the treatment of cardiac rhythm disorders. The best indication is for treating torsades de pointes, but magnesium is also indicated for ventricular arrhythmias related to digitalis toxicity and tricyclic antidepressant overdose. In critically ill patients, magnesium administration proved more effective than amiodarone for converting acute atrial tachyarrhythmias.

Magnesium Modulates Cellular Events Involved in Inflammation.



One part of the body where inflammation wreaks the most havoc is in the heart. A significant contributor to permanent heart damage after a heart attack is due to excessive inflammation caused by reperfusion therapy (a treatment to restore blood flow) that patients receive at the hospital.

There are three main types of heart inflammation: endocarditis, myocarditis, and pericarditis. Endocarditis is inflammation of the inner lining of the heart's chambers and valves. Myocarditis is inflammation of the heart muscle. Pericarditis is inflammation of the tissue that forms a sac around the heart.

William Muller, MD, Ph.D., the Janardan K. Reddy, MD Professor of Pathology said, "Simply put, inflammation is at the root of all pathology. Once I realized that chronic inflammation becomes the disease instead of the way to eliminate the disease, I thought it was essential to learn how to regulate inflammation."

Magnesium is at the heart of the inflammatory process; it is the prime first cause when it is not present in sufficient quantities. **Increases in extracellular magnesium concentration cause a decrease in the inflammatory response**, while a reduction in extracellular magnesium results in inflammation. Inflammation causes endothelial dysfunction, and activated endothelium facilitates adhesion and migration of cancer cells.^v

Magnesium puts a chill on inflammation. Heart disease begins with inflammatory chemicals that rage like a fever through your blood vessels. Cool the heat by getting the recommended daily minimum of magnesium, suggests Medical University of South

Carolina researchers. They measured blood inflammation levels—using the C-reactive protein (CRP) test—in 3,800 men and women and found that those who got less than 50% of the RDA (310 to 420 mg) for magnesium were almost three times as likely to have dangerously high CRP levels as those who consumed enough. Being over age 40 and overweight and consuming less than 50% of the RDA more than doubled the risk of blood vessel-damaging inflammation.^{vi}

Dr. A. Mazur et al.^{vii} says, "Magnesium deficiency contributes to an exaggerated response to immune stress, and oxidative stress is the consequence of the inflammatory response."

Chlorine Dioxide For The Heart

By far, the most common type of heart infection that can lead to myocarditis is viral. When the body detects viruses in its system, it produces cytokines to fight them. These tiny proteins are designed to interfere with the virus's signaling abilities and keep it from reproducing. The downside, however, is that cytokines can also inflame the heart.

As we mentioned above, chlorine dioxide is a potent anti-inflammatory. "In addition to speed and broad-spectrum activity, chlorine dioxide is anti-inflammatory by way of oxidizing free radicals and cytokines, chemicals the body releases in response to a wound or infection."^{viii} Deactivation of these molecules reduces scarring, pain, and irritation."^{ix}

The most common virus to cause myocarditis in the United States is coxsackievirus. This is a type of enterovirus that naturally affects the intestines, resulting in stomach flu. If it escapes the intestines and reaches the heart, however, coxsackievirus can cause myocarditis. Meanwhile, in Europe, the most common causes of myocarditis are parvoviruses and adenoviruses. In Asia, the common cause is the Hepatitis C virus, while Africa sees many infections from HIV. However, the most frequent originator of myocarditis worldwide is the SARS-CoV-2, the virus responsible for COVID-19.

Bacterial Heart Infections

Bacterial heart infections aren't as common as viral ones. Most often, bacteria in the bloodstream pass through without causing an infection. However, certain kinds of bacteria can latch on to already-damaged parts of the heart. Usually, this results from bacteria that live in the mouth, throat, or gut. Other common causes are tuberculosis, streptococcus, or staphylococcus bacteria.

Inflammation can result from any hostile substance in the body, from fungi to parasites to toxins and more. Some cases of myocarditis are even caused by hypersensitivity to certain drugs or insect bites, as well as unhealed heart injuries.

Not only will **chlorine dioxide eliminate all of these types of infections**, but it will reduce stress on the heart by contributing to the health of other organs. The heart is ultra-sensitive and responds on a beat-by-beat basis (Heart Rate Variability-HRV) to what is going on in the rest of the body.

Don't Forget Iodine

Dr. Michael Donaldson says, "Iodine stabilizes the heart rhythm, lowers serum cholesterol, lowers blood pressure, and is known to make the blood thinner as well, judging by longer clotting times seen by clinicians. Iodine is not only good for the cardiovascular system; it is vital."

Iodine exhibits activity against bacteria, molds, yeasts, protozoa, and many viruses; indeed, of all antiseptic preparations suitable for direct use on humans and animals and upon tissues, only iodine is capable of killing **all classes of pathogens**: gram-positive and gram-negative bacteria, mycobacteria, fungi, yeasts, viruses, and protozoa. **Most bacteria are killed within 15 to 30 seconds of contact.**

Dr. David Brownstein says, Iodine is essential to not only fighting off an infection, it is **necessary for proper immune system functioning**. There is no bacteria, virus, parasite or fungus that is known to be resistant to iodine."

Magnesium is a Perfect Emergency Room Medicine



On arrival, emergency rooms would still want to inject it; better yet, ambulance personnel should be equipped. Dr. Sarah Myhill says, "If the help was me, I would check the pulse and blood pressure, and if not too slow or low, I would inject magnesium sulfate 4mls of 50% directly into a vein over 2-3 minutes. This opens up all the blood vessels, so the patient feels red hot. It greatly improves the collateral circulation to the heart muscle (i.e., opens up the other blood vessels) and improves blood supply to the affected muscle."

Dr. Myhill continues by saying **magnesium is also anti-dysrhythmic; it inhibits clotting and relieves heart failure**. Usually, the pain of the heart attack is substantially relieved within a few minutes of I.V. magnesium. Furthermore, magnesium is highly protective against reperfusion injury. After 15 years of treating acute M.I.s in general medical practice, I have never had a patient die following an MI treated with I.V. magnesium."

"When magnesium deficiency exists, stress paradoxically increases the risk of cardiovascular damage including hypertension, cerebrovascular and coronary constriction and occlusion, arrhythmias and sudden cardiac death (SCD)," wrote Dr.

Mildred S. Seelig of the Schools of Public Health and Medicine, University of North Carolina, Chapel Hill.

The heart requires optimum fuel for optimum performance; it needs magnesium. **Magnesium is nutritional oil to the heart; it lubricates and facilitates its function.** As our magnesium levels drop, the chances of our heart muscle seizing up increase.

Always Remember Most People Are Magnesium Deficient

According to the Massachusetts Institute of Technology, studies show that two-thirds of Americans do not consume enough magnesium. 19% of Americans do not consume even half of the government's recommended daily magnesium intake.

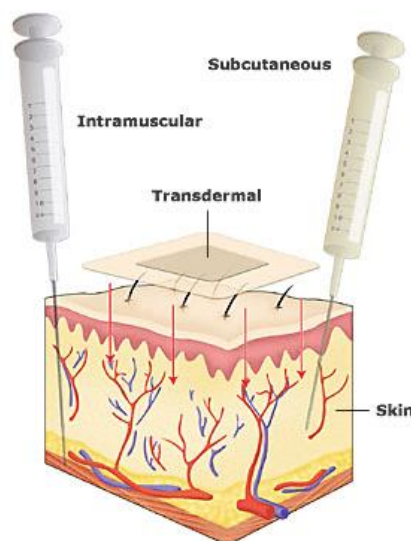
Principles and Practices of Transdermal Therapy



Transdermal therapy delivers medications to the exact site of injury/pain.

Transdermal therapy is ideal for pain management, sports, and pediatric medicine. It is one of the best ways of administering medications quickly and effectively. Transdermal delivery methods are widely used because they allow the absorption of medications directly through the skin. Gels, emulsion creams, sprays, and lip balm stick applicators are easy to use and effective in quickly getting medicine into the body.

Traditional medicine methods such as tablets or capsules get watered down and become much less effective due to stomach acids and digestive enzymes, before they eventually enter the bloodstream. **Bypassing the stomach and liver means a much more significant percentage of the active ingredient goes straight into the bloodstream where it's needed.** Transdermal methods often help avoid potential side effects such as stomach upset or drowsiness. Unfortunately, modern medicine has not explored the full potential of transdermal therapy, though it has been practiced for thousands of years in hot springs worldwide.



Drugs enter different layers of skin via intramuscular, subcutaneous, or transdermal delivery methods.

The most common ways to administer drugs are oral (swallowing an aspirin tablet), intramuscular (getting a flu shot in an arm muscle), subcutaneous (injecting insulin just under the skin), intravenous (receiving chemotherapy through a vein), or transdermal (wearing a skin patch). When you consider the large surface area of the skin, it is not a surprise that when you apply a substance to the entire body, rapid absorption and resultant effect are sufficient to put transdermal administration on par with other ways of administering drugs.

Transdermal therapy takes us back to medical basics and substances that cannot be patented or sold for obscene profit. People who live near the sea where the water is clean and warm (not too many of us) have an advantage over the rest because they have access to free and powerful transdermal medical treatments at the sea shore.

Hidden in each cubic mile of ocean water is enough healing power to put the pharmaceutical companies out of business.

At the beach, you receive the full benefits of the sea with its high concentrations of magnesium in the water and iodine in the air, which is taken up by the lungs. Of course, it takes quite a bit of magnesium chloride flakes in a bath to bring bathwater to the concentration of ocean water, but it is well worth the effort and expense for the spectacular health benefits.



The Dead Sea has the highest concentration of magnesium.

Before her first trip to the Dead Sea, 40-year-old Rhonda Dupras didn't even own a pair of shorts. Suffering from severe psoriasis over her entire body, Dupras normally cloaked herself in long sleeves and long pants, hiding her red, flaky, scaly skin from curious stares and questions. But after three weeks of soaking up the Dead Sea sunshine under a doctor's care at her health hotel in Israel, Dupras' skin was tanned, glowing, smooth, and virtually

clear of flakes and patches. She cried like a baby, she says, and promptly bought shorts to celebrate. “I ended up showing off my skin to everyone. I just couldn’t help myself,” she says. Her remission lasted four giddy months. She did not know that one could recreate the conditions of the Dead Sea in her bathtub!

Our ideal transdermal treatment includes the healing radiation of the sun with all the resultant increases in Vitamin D levels via the skin. Dermatologists have destroyed the image of healing at the beach because of the sun. They would have you do transdermal medicine practiced at its worst by having you apply toxic sunscreens that block vitamin D formation. At the same time, synthetic chemical substances seep into the body.

The sun is more important to health than we would suppose and is, in reality, one of the best anti-cancer agents. The truth is precisely 180 degrees opposite to what the doctors would have us believe, making dermatologists terrific liars. (See chapter on vitamin D and the sun)

Imagine receiving your medical treatment right in the comfort of your own home if you cannot get to the warm seawater.



Transdermal magnesium therapy is ideal for pain management. The combination of heat and magnesium chloride increases circulation and waste removal. The therapeutic effect of magnesium baths is to draw inflammation out of the muscles and joints. Magnesium chloride, when applied directly to the skin, is transdermally absorbed and almost immediately affects pain.

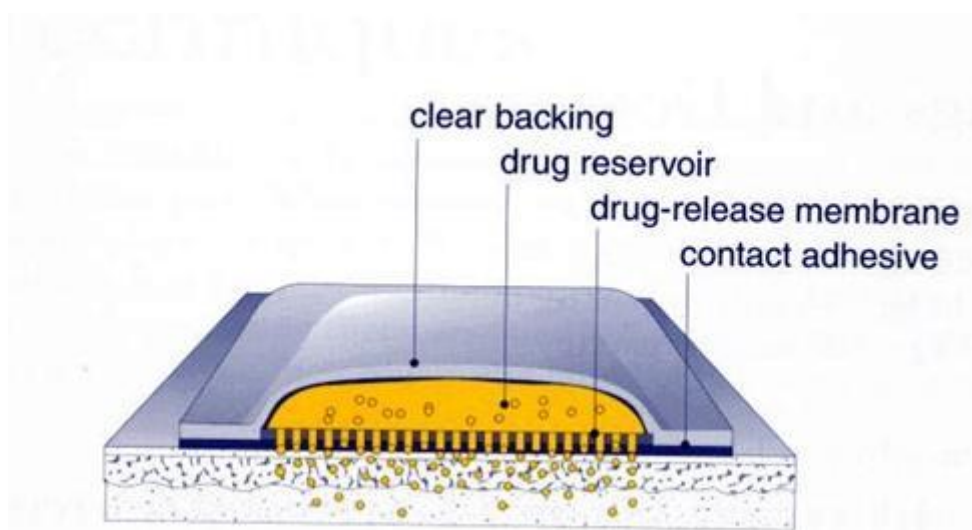
What better way to reduce or eliminate pain than simply taking a therapeutic bath or rubbing magnesium chloride in liquid form directly onto the skin or affected area of the body? From the pain of sports injuries to low back pain and sciatica, headaches, relief from kidney stones, the pain of restless legs, arthritic pain, and just about every painful condition imaginable will likely benefit from medicines applied topically.

Medicines taken by mouth (oral) pass through the liver before they are absorbed into the bloodstream. Other forms of drug administration bypass the liver, entering the blood directly.



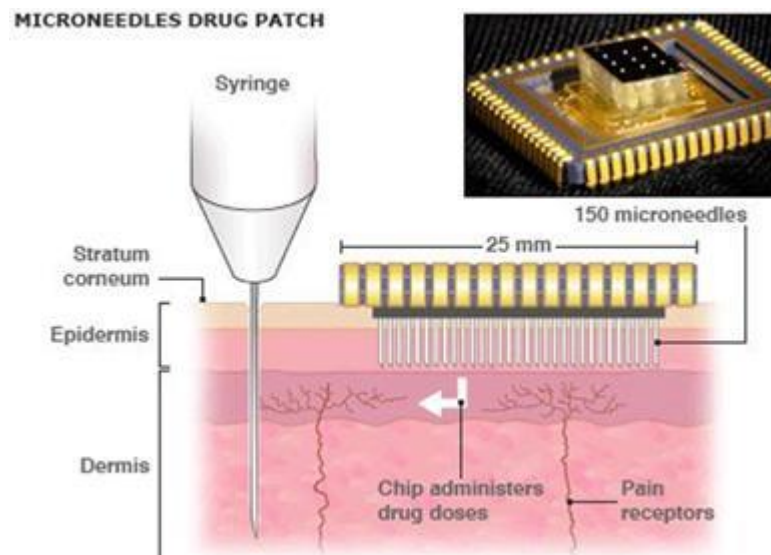
Magnesium Oil can be applied directly to inflamed areas.

Transdermal magnesium therapy offers an exciting breakthrough in sports medicine. Coaches can now treat injuries, prevent them, and increase athletic performance all at the same time. Transdermal magnesium chloride mineral therapy enhances recovery from athletic activity or injuries. It reduces pain and inflammation while propagating quicker regeneration of tissues. The topical application of magnesium chloride increases flexibility, which helps avoid injury. It also increases strength and endurance. Transdermal Magnesium Therapy is a boon for athletes, coaches, and doctors who practice sports medicine.



The use of transdermal patches^[1] is relatively new. These patches (as shown) contain a drug reservoir that holds an opioid delivered through contact with the patient's skin. The value of the transdermal route of drug administration proves itself in the new technology being developed to administer even large molecules like insulin thru the skin.

Transdermal delivery of medicines is generally considered safer, more efficient, more convenient, and less painful than injections or IVs.



A microneedle skin patch for insulin delivery compared to sub-q injection

Absorption

Medicines can enter the body in many different ways, and they are absorbed when they travel from the site of administration into the body's circulation. However, a drug faces its biggest hurdles during absorption. For example, medicines taken by mouth are shuttled via a particular blood vessel from the digestive tract to the liver, where metabolic enzymes may destroy a significant amount in the so-called "first-pass effect." Other routes of drug administration bypass the liver, entering the bloodstream directly or via the skin or lungs.

Human skin is like a tightly woven fabric, seemingly impervious but porous at the microscopic level. Through its millions of tiny openings, the body oozes sweat and absorbs some substances applied to the skin.

For a topical agent to be effective, it must first be absorbed. The drug must enter in adequate concentration to its proposed site of action to produce the desired response of the skin. This skin is involved in dynamic exchange between the internal and external environments through respiration, absorption, and elimination. It is highly porous even though it can maintain its crucial bacteria-inhibiting barrier with the environment.

"I work with another RN afflicted with arthritis, especially in her hands, and frequent muscle cramping/spasms in her legs. Yesterday I received a phone call from her begging me to please bring the hospital some magnesium oil, as her hands were so cramped up and painful that she could barely stand to continue working.

When I got there, her hands and fingers were contorted in spasms. Her fingers were curled up and stiff, and her legs were cramping badly. She reported they had been this way all day, and the pain drove her to tears. She immediately slathered the magnesium oil all over her hands. We were in the report, and she wanted it on her hands right away, so the entire nursing staff watched, and within 5 minutes, you could visibly see her fingers extend back to normal and the finger movement return.

We could see the relaxation taking place. Within minutes her hands were completely relaxed and functional again and stayed that way the remainder of the evening.”
 Claudia French RN

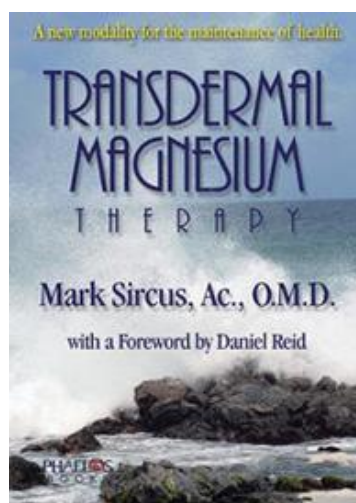
The concentration of the applied dose, the surface area of the body, and the elapsed time the chemical is on the skin are the primary considerations affecting absorption. As a drug's concentration increases, the total amount absorbed into the skin and body also increases. Likewise, increasing the surface area of the applied dose also increases penetration. Penetration occurs over time. The longer the substance is on the skin, the greater the chance for continued penetration. When using transdermal medicines, one has to be aware that applying more of a substance increases the amount absorbed. The skin of infants is more prone to absorption than those of adults.

Transdermal Therapy and Skin Cancer

Dr. Tullio Simoncini states, “**Every tumor of the skin can be completely removed with Iodine Tincture 7%, brushed many times (10-20) a day.**[7] When the crust is formed, don't take it away, but treat the area continuously and wait until it falls without any other intervention except the Iodine tincture. When the crust falls down the third time, the patient is healed.”

“In cases where the tumor has invaded a coetaneous-mucous transitional zone like the anus, eyelids, vagina or mouth,” Simoncini continues saying, “it is necessary to perform a preliminary treatment of the mucous area with **sodium bicarbonate** and then, after the elimination of the colonies existing there, proceed to treat the cutis with iodine solution. It is appropriate to highlight that the same type of therapy is also to be applied to psoriasis and the known fungi afflictions. The difference between coetaneous mycosis, psoriases, and tumors consists only of a variation of aggressiveness and thus of depth of rooting since the causal agent is always the same: a fungus. Sometimes for the therapy, other corrosive salts can be used in the function of the location in the body.”

Transdermal Therapy and Medicinal Baths



On page 201 of my *Transdermal Magnesium Therapy* book, I recommend 2-8 oz (56,6 - 226,4 g) Magnesium Oil for a full body bath (ca 100liter). This is because the % Magnesium in the bath is only 45-180 mg/l magnesium. Therefore, my initial recommendations for baths were too low. The Dead Sea and other salty lake therapies have a concentration of up to 40,000 mg/l of magnesium, and people bathe daily in these waters.

Transdermal Therapy Clay and Sauna Detox



We have to help the body detoxify, and the skin should be used as a significant instrument and avenue of exit for accumulated heavy metals. This is a part of transdermal medicine, using the skin as an exit route for the poisons disturbing the body.

It was reported by National Geographic many years ago that the workers in the Cinnabar mines in Spain used to detoxify themselves using sweat baths after work.

Peer-reviewed literature shows that sweating during sauna therapy eliminates high levels of toxic metals, organic compounds, dioxin, and other toxins. Sauna therapy is ideal for mobilizing toxins from their hiding places.— Dr. Dietrich Klinghardt

Bentonite clay can be used to suck the poisons through the skin and can be enormously helpful while making overall treatments more effective and safe. The proof of this method of drawing toxins through the skin is not in the scientific literature but in the ring around the tub.

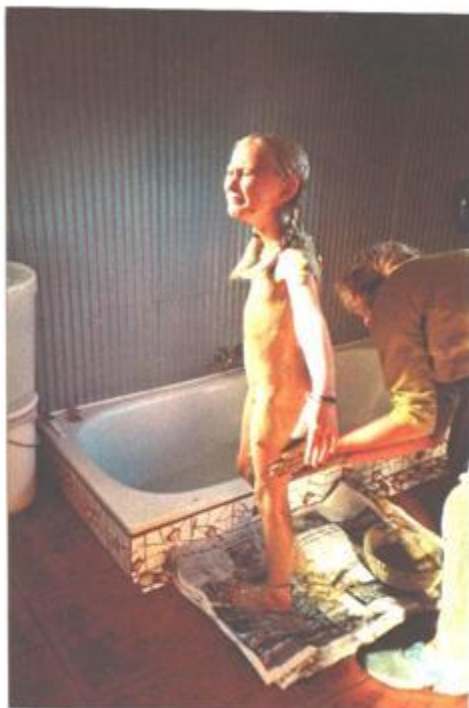
The essential three words that describe clay are “adsorption,” “absorption,” and their root word “sorption.” “Adsorption” is the property of a solid or liquid to attract and hold a gas, liquid, solute, or suspension to its surface. It is adhesion in an extremely thin layer of molecules to the surfaces of solid bodies or liquids with which they are in contact.

Clay, when introduced into the body, enters into a dynamic state of exchange with the environment in the alimentary canal and the tissues that lie beyond.

“Absorption,” on the other hand, implies an actual movement and uptake of substances into the clay and is a common principle in human physiology. “Sorption” is the process in which one substance takes up or holds another by either absorption or adsorption. The absorption power of clay is quite intense, pulling toxins into clay’s inner structure and spaces. So the toxins that were formerly only sticking to the surface of the clay’s outer structure through ionic bonding can be pulled inside the clay’s molecule. The more substances pulled into the clay’s inner structure, the more the clay expands and swells.

Dr. Vesna Humo, a surgeon, has all her patients use clay after mastectomy with radiotherapy. She advises patients to use clay directly on the skin to prevent skin damage and has seen excellent results. Notably, she uses clay for bed sores and every necrotic and septic wound with excellent results.

Just a tip on how I get my daughter to get into the “muddy” bath. I call it ocean sand and tell her to pretend that she is at the ocean. She now asks to take a bath in the ocean sand.



“This is a picture of my nine-year-old daughter who was burning with thousands of blisters from chicken pox. She had a nasty case, and the blisters had just come. She was going mad with sensation overload. I was packing bentonite clay on her.” When you look

at the picture below, you can begin to see the reason I love clay, pure clay. Pure clay gives us the healing power of mother earth,” wrote Ana Raunigg.



The Ultimate Transdermal Iodine Testimony

The most legendary documentation of **transdermal iodine therapy** applied to a famous person in the American Civil War:

“On September 29, 1862, Colonel John B. Gordon held the center of General Lee’s army at the battle of Antietam, or Sharpsburg. The first volley from the northern lines sent a ball through the calf of Gordon’s right leg; soon after, another went through the muscles of his thigh; a third pierced his left arm, tearing the tendons asunder and mangling the flesh; a fourth ripped through his shoulder leaving a wad of clothing embedded in its track. Still, no bones were broken; but, while Gordon lingered in the firing line, “with,” as he says himself, “but little of my usual strength,” a fifth ball struck him squarely in the face.”

“Dr. Weatherly of the 6th Alabama Regiment, in charge of medical arrangements, had the Colonel removed to a base hospital and prescribed tincture of iodine be painted on the wounds three or four times a day. The case was unpromising. Gordon’s eyelids were greatly swollen; one eye was completely closed, the other almost so; his jaw was immovably clenched, and, to make matters worse, erysipelas (staphylococcus infection of the skin) had set in on the left arm.”

“Mrs. Gordon, his wife, who nursed him – her name was Fanny, and she was then a beautiful girl of 25 – put a liberal interpretation on her instructions and painted the wounds, not three or four times a day, but, as Gordon himself says: **“I think three to four hundred times a day.”** Fanny’s diligence and devotion were rewarded. Her husband survived, outlived the war, and became the Governor of Georgia, a General, and Commander-in-Chief of the United Confederate Veterans. He died in 1904.”

In 1932, Nyiri and Jannitti from the College of Pharmacy of Rutgers University wrote, “Iodine is being used extensively as a prophylactic and therapeutic agent by application to the outer integument (the skin) and has maintained its place in medicine for many decades.”[8]

I had a severe sore throat recently (I could not swallow), and my good friend suggested painting the inside of my wrist with iodine. I thought she was crazy. But it worked! The pain was completely gone the following day. Shortly after that, my son became sick with a bad cold. Although she recommended the iodine for a sore throat, I used it on my 3-year-old, and he was 100% better the next day.

Dr. Derry says, “Iodine put onto scabs helps to organize total tissue repair. All pre-malignant lesions and other skin oddities appear to respond to this regeneration process triggered by topical iodine.”

Dr. Daniel H. Duffy said, “I have been using IODEX, an iodine-containing paste applied directly to the skin for the past thirty-two years to help break up the intercostal pain and palpitory soreness at the sternum often suffered by a high percentage of Midwesterners, especially female hypothyroidism.”

Transdermal is the ultimate way to replenish cellular magnesium levels. Every cell in the body bathes and feeds in it, and even DHEA levels are increased naturally.
Dr. Norman Shealy

Kerri Rivera - CD Protocol



CD BATHS

- Great for chicken pox or shingles
- Great for any skin issues
- Less concentrated as is in the cd spray
- Acute illness (cold/flu) without eating we can still use baths
- 50 to 200 drops in the tub
- May soak as long as desired or as short as tolerated
- Can get into the eyes, hair, ears etc

References

[1] If a drug can exert its effects in small dosages, the small amount absorbed through the skin may be sufficient for systemic impact. Some drugs can be administered to adults through the skin—namely, nitroglycerine for angina, hyoscine for travel sickness, clonidine for hypertension, and oestrogens for replacement therapy (only nitroglycerin is available in the United Kingdom). The drug delivery system is in the form of an adhesive patch, containing (from the outside to the skin surface) an occlusive backing, a reservoir of the drug, a microporous membrane, and an adhesive. The microporous membrane is less permeable to the drug than the skin and is, therefore, rate limiting, releasing the medicine in a controlled way. Such a method of drug administration is not simply a curious gimmick. It is convenient, requires less frequent dosage than oral administration, produces more predictable and constant blood concentrations, can be taken by vomiting patients, and can be removed at once. Unfortunately, most drugs given chronically to children (anticonvulsants, antibiotics, and bronchodilators) require too high a dose to be effective through the percutaneous route. Drug absorption through the skin: a mixed blessing; Archives of Disease in Childhood, 1987, 62, 220-221

[2] Microneedles: <http://gtresearchnews.gatech.edu/newsrelease/needlespnas.htm>

[3] Passport Patch; <http://www.alteatherapeutics.com/>

[4] An alternating ultrasonic waveform enlarges the diameter of the skin pores and enables large molecule drugs to permeate through the skin (stratum corneum) into the dermis. From there the drug enters the bloodstream. Ultrasound forces the drug through either of two pathways: (1) Hair Follicles or (2) Sweat Pores. Ultrasound is used to “enlarge” the Skin Pathway and then to drive the drug through the opening. Mechanically the drug follows the hair follicles to the bloodstream (near IV injection) or the sweat pores to the fatty tissue (Sub-Q Injection).

[5] The dose is the quantity of medicine to be administered at one time and the regimen is a strictly regulated program. The concentration of the applied dose, the surface area of the body, and the elapsed time the chemical is on the skin are the main considerations affecting absorption. As the concentration of a drug is increased, the total amount absorbed into the skin and body also increases. Increasing the surface area of the applied dose also increases penetration. Penetration occurs over time. The longer the substance is on

the skin, the greater the chance for continued penetration. Chances for toxicity may occur when high concentrations of a drug are spread over a large area of skin.

[6] Marks R M, Barton S P, Edwards C (1988). The Physical Nature of the Skin. Lancaster: MTP Press.

[7] “For epitheliomas, basalomas and melanomas, the treatment to choose is iodine solution at seven per cent, as it is capable of precipitating the proteins of the body of the fungus and destroying them completely in a short time. If the lesions are fairly small, they must be painted with the solution 10-20-30 times twice a day for five days and then once for another ten days so that they become very dark. When the eschar is formed and it is higher than the epidermic plane, it is necessary to continue to paint under and above it, even if at first a strong pain is sensed.”

[8] http://www.optimox.com/pics/Iodine/updates/UNIOD-02/UNIOD_02.htm#1

Building a Home Pharmacy and Intensive Treatment Center



No matter what you do in choosing a cancer treatment, it would help if you started treating yourself at home. This holds for any disease you might face. In terms of cancer patients, even if you plan on going away to the best clinic in the world, as you prepare for your trip, you need to start taking care of yourself and continue when you get home. Failure to understand this could mean the difference between life and death.

Also, everyone has the creeping feeling that there will be tough times ahead and it will not be so easy to travel and spend fortunes in clinics. So investing in-home care is the best bet.

The concept of home intensive care and the freedom to pursue safe and effective alternative treatments is essential. Dr. Cynthia J. Koelker says, “The layman can acquire many skills once considered the purview of health professionals alone. Thus, the first step in acquiring these skills is believing that you can do so.”

Dr. David Brownstein says, “Conventional medicine is beyond frustrating. It is broken and in urgent need of repair. You cannot depend on anyone but yourself when making medical decisions. It is better to become an educated patient rather than solely relying on the health care provider.”

There are plenty of reasons to set up a home treatment center and stock the medicines you need to treat cancer and other diseases. And when we look into the future and see how economies can collapse, as we have seen in Greece and Venezuela, medical drugs and services can become impossible. Things are delicate in the world, so it is intelligent to prepare for the worst.

Every good home pharmacy starts in the kitchen, and it is not a joke the thousand-year-old teaching about letting your food be your medicine. My work is about concentrating foods to the point where they become medicine.

Treating At Home



Natural Allopathic Medicine champions the concept of home hospital care and medical freedom to pursue safe and effective care independent of the overly controlling and domineering Allopathic medical establishment.

Hospitals today are discharging people faster than ever before, giving patients and their families the responsibility to continue treatments independently. This is partly due to the high risk of infections and cost and insurance issues. Unfortunately, the medical system often gives up on a patient, which could be a blessing if that patient chose more effective and safer natural treatments.

Dr. Cynthia J. Koelker asks, “If society collapses and you’re on your own, what medical skills seem the most essential? The answer likely depends on your age, health status, and stage in life. For those in childbearing years, midwifery skills may be paramount. For those advanced in age, diagnosis and treatment of chronic disease become primary. For the otherwise young and healthy, treatment of injuries and infection tops the list.”



“Our current compartmentalized society has deemed that doctors should perform these tasks, though turf wars abound over what nurses, physician assistants, pharmacists, paramedics, and others should legally be permitted to do. Recent decades have also seen the trend toward home care for IV therapy, nebulizer treatments, dialysis, and much more. *The take-home lesson is this:* The layman can acquire many skills once considered the

purview of health professionals alone. Thus, the first step in acquiring these skills is believing that you can do so,” continued Dr. Koelker.

Taken No Prisoners Cancer Approach



Treatment Philosophy - Catching Cancer Cells in a Deadly Crossfire

Imagine your cancer cells caught in a brutal crossfire. Military personnel understands war tactics and how to best capture the enemy in a trap from which there is no escape. *Conquering Cancer* is introducing an aggressive nontoxic method of winning the war against cancer.

Everyone wants to maximize their chances of recovering from cancer, and this is accomplished first by understanding the idea of using a protocol of anti-cancer agents, each part delivering heavy-duty medical firepower. By overlapping fire zones (pharmacological effects), we raise the rate by which we will see positive therapeutic effects meaning a cure/remission of cancerous conditions.

Calling in the Best Armor Divisions



Any general would be more than thrilled to have an army of medicinals at their disposal that cause severe difficulties for the enemy (cancer cells) while being extremely friendly to one's troops (healthy cells).

It is a disaster in a war when friendly fire falls on one's troops, and this is precisely what happens in orthodox cancer treatments, which are so toxic they can kill the host as they wipe out cancer. Chemo and radiation therapy can wipe out the enemy but at the price of killing friendly, healthier cells.

*Because nutritional medicine is non-toxic in nature
we can layer treatments and attack from all sides in a
simultaneous assault on cancer that is dead set on taking our life.*

It is no longer appropriate to consider drugs or nutritional, medical agents in isolation. Pharmaceutical protocols entail combining substances that have not been tested together. This combination or protocol approach is theoretically impossible with pharmaceutical drugs because it is impossible to predict how toxic chemicals and poisons (drugs) will mix.

*A focus on combination therapy enables us to encompass
and manage multiple risk factors. Multidimensional
etiologies call for multiple therapeutic interventions.*

Spa-Like Cancer Treatments

Most of the items in the protocol can be taken orally, transdermally—or, in more desperate medical situations, administered intravenously by a doctor or nurse. Transdermal applications include topical application directly on the skin, magnesium massages, medical baths, nebulization into the lungs, and glutathione suppositories, as well as coffee, herbal and seawater enemas, and colonics.



The substances we will administer all **heal through the fulfillment of nutritional law**, which is more intelligent and rational than pharmaceutical-based medicine, so much of which is tainted with improper and fraudulent. You can legally pick up all the medications at your local health food store, pharmacy, or online, and as long as you do not inject yourself or anyone else, you can practice on yourself or your loved ones legally. Taken as a whole, the protocol will give patients some much-needed advantage in treating a wide variety of conditions, including cancer, Lyme disease, fibromyalgia, chronic fatigue syndrome, heart disease, diabetes, infections, autoimmune and most neurological diseases.

Mother's Chicken Soup

Dr. Elizabeth Lee Vliet says, “There is a war on women and women’s health. Women make up half the population. They also make 90% of the decisions about medical care for their children, husbands, and aging parents. They understand the importance of having the freedom to choose their doctors and their treatment.” This protocol puts tremendous power in women’s hands and will give them much-needed security that they are doing the right thing for their loved ones.

Mothers everywhere are expected to be on the front lines of diagnosis and treatment. They are the ones who need to know if their loved ones need aspirin or whether they need to be brought to the emergency room. It’s legal to suggest aspirin, and it is legal to suggest everything in this protocol for it’s a selection of medicinals that are freely available online or in health food stores and alternative compounding pharmacies.

*During World War II, Navy doctors would use
seawater for blood transfusions when
blood supplies ran out, and many lives were saved.*

We create medicines when we concentrate on things in nature. Pharmaceutical companies focus on synthetic substances, which do not work out well for patients. Natural Allopathic Medicine focuses on natural elements that scientists prove to offer powerful healing without toxic side effects.

Perhaps the correct word when we talk about cancer is not “survive” but “thrive,” meaning the form of medicine we will be learning holds the potential for achieving a return to thriving health—a place where the disease has a difficult time taking hold.

Health is the greatest of all possessions, and it is only expected that every man and woman should take an interest in how to treat themselves and their loved ones to return to health or maintain it during the most challenging times.

In the 21st century, the center of pharmacology needs to move away from medicines that add to people's already heavy toxic burdens and toward medicines and protocols that reduce these burdens. The secret to safe and effective treatment (maintaining good health or returning to it) is found without suffering side effects (poisonous effects) from the medication we use. No healing system is more powerful than that which employs Nature's primordial substances, materials so pure and close to nature that they yield benefits without the typical side effects of most drugs.

Innovative Intensive Care



ICU cares for people who have life-threatening conditions, such as a severe injury or illness, where they receive around-the-clock monitoring and life support. A person is likely to be admitted to ICU if they are in a critical condition and need constant observation and specialized care. This can happen after major surgery, accidents, severe burns, late-stage cancer, heart or kidney failure, stroke, heart attack, pneumonia, sepsis, and if a baby is born prematurely or with a severe illness.

The secrets of emergency room and intensive care medicine hold the key to the practice of precision medicine. Treatments in the emergency room and ICU must be safe while delivering an instant lifesaving burst of healing power. Too bad they were bribed not to do this but provide killer treatments to COVID patients.

The medicines I am talking about, like magnesium salts and sodium bicarbonate, if they are safe and robust enough for emergencies, will also help us with chronic and acute diseases.

Deep within the heart of western medicine is a wisdom and power that is deliberately stymied by medical authorities and the pharmaceutical companies that stand behind them. Inside the emergency room and intensive care wards, where many believe some of the most accurate medicine is practiced, are common but extraordinarily safe and effective *natural* substances that save lives every day.

Dr. Paul Marik made headlines across the globe with a sepsis treatment he believes is saving lives. He is administering a common-sense basic medicine approach that produces cysteine storms with IV infusions of vitamin C, hydrocortisone, and thiamine.

Lets Add Hydrogen To His Formula



Hydrogen gas is a promising novel therapy for emergency and critical care medicine. Hydrogen gas exerts a therapeutic effect in various disease conditions, from acute illnesses such as ischemia-reperfusion injury, shock, and damage healing to chronic illnesses such as metabolic syndrome, rheumatoid arthritis, and neurodegenerative diseases.

Researchers have reported that hydrogen gas is helpful for acute myocardial infarction, cardiopulmonary arrest syndrome, sepsis, contrast-induced acute kidney injury, and hemorrhagic shock. Hydrogen gas has even been used to attenuate oxidative stress in a rat model of subarachnoid hemorrhage.

Mechanical ventilation (MV) can provoke oxidative stress and inflammatory response and subsequently cause ventilator-induced lung injury (VILI), a significant cause of mortality and morbidity in patients in the intensive care unit. Inhaled hydrogen can act as an antioxidant novel therapeutic gas. Medical scientists have found that inhaled hydrogen gas effectively reduced VILI-associated inflammatory responses, at both a local and systemic level, via its antioxidant, anti-inflammatory, and antiapoptotic effects.

The First-in-Human Pilot Study demonstrates the safety of hydrogen gas inhalation for Post-Cardiac Arrest Syndrome. Between January 2014 and January 2015, 21 of 107 patients with cardiac arrest achieved a spontaneous return of circulation. No undesirable effects attributable to hydrogen were observed.

What is Innovative Intensive Care

Every doctor who works with critical care knows of magnesium chloride, sodium bicarbonate, iodine, potassium, and even injectable selenium. These essential minerals can be used to save lives in hospital settings as well as at home, where they can be safely used.

Sodium bicarbonate, potassium chloride, and calcium chloride are used to maintain pH and electrolytes within normal values in intensive care units. Magnesium is the most important mineral medicine for heart conditions as well as for stroke, and when it comes to sepsis, intravenous vitamin C and hydrogen gas inhalation therapy can save the day.

These solid natural medicines can be used at home many times a day at high doses to safely effect great changes in a person's medical situation, even if they are at or near death's door.

Magnesium Is A Must In All Medical Protocols



Almost ten years ago, Dr. Mark Hymen wrote, "I find it very funny that more doctors aren't clued to Magnesium's benefits because we use it in conventional medicine. But we never stop to think about why or how important it is to our general health or why it helps our bodies function better." Magnesium is to humans as oil is to a properly functioning car.

Magnesium deficiency causes a lot of pain and suffering, so we do not want to be ignorant. Uncountable millions have died of cardiac arrest over the last few decades because cardiologists do not prescribe Magnesium. Surgery is also made safer with Magnesium. Life is safer and more prolonged if one has enough Magnesium in the cells and the blood.

Low serum and intracellular magnesium concentrations are associated with insulin resistance, impaired glucose tolerance, and decreased insulin secretion. Magnesium improves insulin sensitivity, thus lowering insulin resistance. Magnesium and insulin need each other.

Without Magnesium, our pancreas won't secrete enough insulin—or the insulin it secretes won't be efficient enough—to control our blood sugar. Insulin resistance and magnesium depletion result in a vicious cycle of worsening insulin resistance and a decrease in intracellular Mg(2+).

It does not take much to convince people that Magnesium is a significant and vital mineral. There is no equal for Magnesium, certainly no substitute. The more you consume between diet and heavy supplementation, the longer you will live. It is as simple as that. Imagine changing the oil in your car every one thousand miles. It is just going to last longer. But with our bodies, it is best if we top off our magnesium levels every day.

In writing *Forbidden Cures*, I occasionally split my mind into communicating with two different communities of people. On one side are all the people who will read my words

who have never used chlorine dioxide, and on the other side are many thousands or millions who have already used it for their health.

"I did Andreas Klacker's Parasite Protocol for three months, completed in April. I did not see any dramatic results, aside from having more energy to stay up longer at night. In contrast, my wife had the fountain of youth spring up in her! She went from chronically fatigued to jogging in the mornings."

It is easy to get passionate about chlorine dioxide. It is that good. However, we should resist going overboard (fanatical) and remain rational to see and understand the best way to use this wonder molecule. Broad-based information about chlorine dioxide and all its help mates, like Magnesium and bicarbonates, needs to get out to the billions who need it.

Chlorine Dioxide Leaders Have It Wrong

When it comes to Magnesium, we cannot depend on Mark Grenon, Jim Humble, or Andreas Klacker. For instance, Grenon says, "Get your Magnesium and other nutrition from Real foods as God intended and stop wasting money on vitamins and supplements! High magnesium foods include dark leafy greens, seeds, beans, fish, whole grains, nuts, dark chocolate, yogurt, avocados, bananas, etc."

According to Scientific American, fruits and vegetables grown decades ago were much richer in vitamins and minerals than the varieties most of us get today. The main culprit in this disturbing nutritional trend is soil depletion: Modern intensive agricultural methods have stripped increasing amounts of nutrients from the soil in which the food we eat grows. Sadly, each successive generation of fast-growing, pest-resistant carrot is truly less good for you than the one before."

Andreas Klacker recommends seawater to use with CDS, but that is not good enough to satisfy the body's need for Magnesium. One would have to drink a lot of seawater to get enough Magnesium. Kerri Rivera, who works with MMS and autistic children, warns that seawater is perhaps not a good idea because of pollution and radiation that can now be found in seawater, especially in the Pacific. She recommends fulvic minerals instead. They come from deep underground like magnesium oil, so they are exceptionally pure. Unfortunately, everything above ground is contaminated with chemicals and heavy metals, with mercury worthy of critical attention.

Jim Humble warns people from taking supplements in general. "It can actually be helpful to avoid taking nutritional supplements for a time. This is because pathogens also feed on good nutrition, so in a sense, if you are taking nutritional supplements while the pathogens are still alive, you are building up with one hand and tearing down with the other. In addition, some nutritional supplements neutralize MMS," writes Jim Humble. Sorry Jim, but that is conceptual quicksand. There is never a reason not to give the body what it needs.

Looking at heavy metals, I see nothing in the literature that would make me report that chlorine dioxide effectively removes or even moves heavy metals around—no actual tests of before and after measurements. In this book, you will see paragraphs that point to what chlorine dioxide does not do, which is **critical to know if one wants to use it correctly**.

So chelation of heavy metals is only hope in the chlorine dioxide community that is not based on evidence. However, it is easy to believe that chlorine dioxide would help the body deal with the heavy metals it is burdened with, even if it does not get rid of them.

If chlorine dioxide does not do everything, and we establish what it does not do, we can adjust our protocols to include substances that do what chlorine dioxide cannot do. For example, CDS or MMS cannot do what Magnesium does. Thus **Magnesium should be included in all chlorine dioxide protocols.**

The only question about Magnesium is the dosage necessary for it to do its job for each person. When I tell people a gram a day minimum, I am talking about magnesium medicine, not magnesium supplementation. Few still know or understand that Magnesium can and should be used as a prime medication. We will talk about dosage recommendations and supplementation later in the book, but when talking to people, I tell them to flood their bodies with Magnesium.

Magnesium serves hundreds of essential functions in the body, and one of them has to do with the efficiency of red blood cells and their capacity to carry oxygen.

Knowing appropriate dosages is essential to practitioners and patients because dosages are mission-critical for achieving therapeutic effects. Low doses do not get clinical results! Through the years, the mistake I have seen people making repeatedly is under-dosing. Healing substances like Magnesium become front-line medicines when dosages are taken up to the level of what doctors might use during cardiac arrest in ICU and emergency departments. So if regular pharmaceuticals do not do the job and the patient is dying, a reasonable emergency room doctor would reach for Magnesium. They would inject or give it intravenously.

The Universal Antidote

These first three medicines in my Natural Allopathic protocol represent three superhero medical substances coming together as equals in the eyes of medicine. And then, for a good reason, we will add iodine and selenium to bring together six giant medicinal substances for health recovery. All are necessary for a healthy existence, and it is hard not to experience deep healing when given together.

For people coming to chlorine dioxide, the first place I would send you is Curious Outliers The Universal Antidote Documentary, and then on to his series of videos for beginners. Then one should look at Jim Humble and Andreas Klacker's work, knowing that they give wonderful information on dosages but can be misleading about other subjects, so take what they say about certain things with a grain of salt.

Does Chlorine Dioxide Deplete Magnesium?

Someone asked me if chlorine dioxide depletes magnesium levels. I responded: Yes, life depletes Magnesium, so anything that stimulates energy would deplete Magnesium, but poisons deplete Magnesium much more because Magnesium gets used up with detox. The clinical reality is that for at least 30 percent, magnesium levels are already critically low. One slight drop, and there is often hell to pay.

*Vaccines are aggressive interventions and often shock the body.
Magnesium deficient bodies do not respond well to stress, so Magnesium
deficiencies could be a matter of life and death for some people.*

The kidney does have an extraordinary ability to reduce magnesium loss in urine and thus achieve magnesium balance on a wide variety of intakes. Still, that balance only is maintained in the blood to avoid instant cardiac arrest if magnesium levels crash in the blood. The body will always steal Magnesium from the bones and cells to keep blood levels, which is why doctors who use blood serum magnesium tests give misleading results.

*Magnesium deficiency is often misdiagnosed because
it does not show up in blood tests – only 1%
of the body's Magnesium is stored in the blood.*

Most doctors and laboratories don't even include magnesium status in routine blood tests. Thus, most doctors don't know when their patients are deficient in Magnesium, even though studies show that most Americans are low. Dr. Norman Shealy states, "Every known illness is associated with a magnesium deficiency. Magnesium is the most critical mineral required for the electrical stability of every cell in the body. Therefore, a magnesium deficiency may be responsible for more diseases than any other nutrient."

Because magnesium deficiency is largely overlooked, millions of Americans suffer needlessly. One has to recognize the signs of magnesium thirst or hunger on their own since most doctors are lost in this regard. After oxygen, water, and basic food, Magnesium may be the most essential element our bodies need, vitally important. Yet, millions suffer daily from magnesium deficiency without even knowing it.

Over a decade ago, the number 67 percent was thrown around to describe the size of the magnesium deficient population. And that depended much on the wrong type of blood test to measure it. I would say, 'everyone needs more magnesium.' It is a safe medical assumption. It would be hard to find many people who eat spinach all day, for that is what one would need to do to keep up with the necessary magnesium levels to endure chronic toxic exposures and the increased stress of modern living.

That might be a slight exaggeration, but I still would assume 95 percent would have some cellular (not blood serum) deficiencies. It is hard unless one supplement to keep up with daily needs for Magnesium. So even if we get only a little behind, the shortage builds through time, creating profound chronic deficits that throw us down hard onto the mats of misery.



Magnesium Torment (Deficiency)

Symptoms of Magnesium Deficiency

The first symptoms of deficiency can be subtle – as most Magnesium is stored in the tissues, leg cramps, foot pain, or muscle 'twitches' can be the first sign. Other early deficiency symptoms include loss of appetite, nausea, vomiting, fatigue, and weakness. As magnesium deficiency worsens, numbness, tingling, seizures, personality changes, abnormal heart rhythms, and coronary spasms occur.

Dr. Sidney Baker. "Magnesium deficiency can affect virtually every organ system of the body. Concerning skeletal muscle, one may experience twitches, cramps, muscle tension, and muscle soreness, including backaches, neck pain, tension headaches, and jaw joint (or TMJ) dysfunction. Also, one may experience chest tightness or a peculiar sensation that he can't take a deep breath. Sometimes a person may sigh a lot."

"Symptoms involving impaired contraction of smooth muscles include constipation; urinary spasms; menstrual cramps; difficulty swallowing or a lump in the throat—especially provoked by eating sugar; photophobia, especially difficulty adjusting to oncoming bright headlights in the absence of eye disease; and loud noise sensitivity from stapedius muscle tension in the ear."

"Other symptoms and signs of magnesium deficiency, in terms of how it affects the central nervous system, include insomnia, anxiety, hyperactivity and restlessness with constant movement, panic attacks, agoraphobia, and premenstrual irritability. Magnesium deficiency symptoms involving the peripheral nervous system include numbness, tingling, and other abnormal sensations, such vibratory sensations."

Magnesium is critical because of its vital role in hundreds of enzyme systems and functions related to reactions in cell metabolism. It is essential for synthesizing proteins and utilizing fats and carbohydrates. In addition, Magnesium is needed to produce specific detoxification enzymes and is also crucial for energy production related to cell detoxification. Therefore, a magnesium deficiency can and will affect virtually every system of the body.



Like water, we need Magnesium every day. There is an eternal need for Magnesium as well as water and when Magnesium is present in water life, and health is enhanced.

One of the principal reasons doctors write millions of prescriptions for tranquilizers each year is the nervousness, irritability, and jitters essentially brought on by inadequate diets lacking Magnesium. Persons only slightly deficient in Magnesium become irritable, highly strung, sensitive to noise, hyper-excitable, apprehensive, and belligerent. If the deficiency is more severe or prolonged, they may develop twitching, tremors, irregular pulse, insomnia, muscle weakness, jerkiness, and leg and foot cramps.

If Magnesium is severely deficient, the brain is particularly affected. Clouded thinking, confusion, disorientation, marked depression, and even the terrifying hallucinations of delirium tremens are primarily brought on by a lack of this nutrient and remedied when Magnesium is given.

Suggestive early warning signs of magnesium insufficiency:

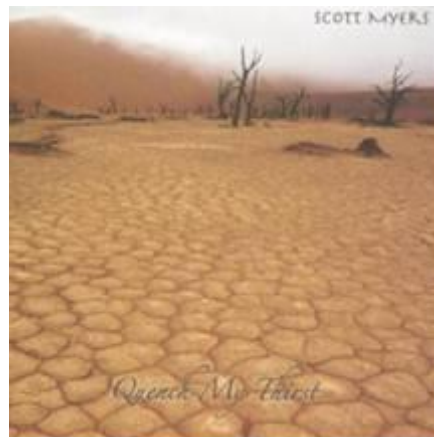
- Physical and mental fatigue
- Persistent under-eye twitch
- Tension in the upper back, shoulders, and neck
- Headaches
- Premenstrual fluid retention and breast tenderness

Possible manifestations of magnesium deficiency include:

- Low energy
- Fatigue
- Weakness
- Confusion
- Nervousness
- Anxiousness

- Irritability
- Seizures (and tantrums)
- Poor digestion
- PMS and hormonal imbalances
- Inability to sleep
- Muscle tension, spasms, and cramps
- Calcification of organs
- Weakening of the bones
- Abnormal heart rhythm

Severe magnesium deficiency can result in low calcium levels in the blood (hypocalcemia). Magnesium deficiency is also associated with low potassium levels in the blood (hypokalemia). In addition, magnesium levels drop at night, leading to poor REM (Rapid Eye Movement) sleep cycles and unrefreshed sleep. Headaches, blurred vision, mouth ulcers, fatigue, and anxiety are early signs of depletion.



We hear all the time about how heart disease is the number one health crisis in the country, about how high blood pressure is the "silent killer," and about how ever-increasing numbers of our citizens are having their lives and the lives of their families destroyed by diabetes, Alzheimer's disease, and a host of other chronic diseases

Signs of severe magnesium deficiency include:

- Extreme thirst
- Extreme hunger
- Frequent urination
- Sores or bruises that heal slowly
- Dry, itchy skin
- Unexplained weight loss
- Blurry vision that changes
- Unusual tiredness or drowsiness
- Tingling or numbness in the hands or feet
- Frequent or recurring skin, gum, bladder, or vaginal yeast infections

But wait a minute, aren't those the same symptoms for diabetes?

Many people have diabetes for about five years before they show intense symptoms. By that time, some people already have eye, kidney, gum, or nerve damage caused by the

deteriorating condition of their cells due to insulin resistance and magnesium deficiency. Dump some mercury and arsenic on the mixture of etiologies, and pronto we have the disease condition we call diabetes.

*Magnesium deficiency is synonymous with diabetes
and is at the root of many, if not all, cardiovascular problems.*

Magnesium Is The Ultimate Heart Medicine

Forty percent of all first heart attacks end in death! Magnesium's most crucial action is its vasodilating effects, which improve the blood supply to ischemic areas and reduce infarct size. A ten-year study of 2,182 men in Wales found that those eating diets low in Magnesium had a 50% higher risk of sudden death from heart attacks than those eating one-third more Magnesium. Due to a lack of Magnesium, the heart muscle can develop a spasm or cramp and stop beating. Most people, including doctors, don't know it, but without sufficient Magnesium, we will die. When someone dies of a heart attack, people never say, "He died from magnesium deficiency."

Magnesium probably would go a long way with athletes and the young suffering from heart inflammation from COVID injections.

Protocols and Dosages



Dosages and protocols are not an exact science, for they vary from person to person and from one medical situation to another. In addition, weight differences must be respected, meaning children do not get the same dosages as adults.

In the world of chlorine dioxide, protocols are dosage recommendations and methods of application for chlorine dioxide sometimes with DMSO. In this book, protocols mean the combination of different healing agents employed, not the dosages of each.

Learning to use natural medicine requires little training, whereas doctors need formal training to poison “safely.” Pharmaceuticals are mitochondria poisons with side effects that are, in reality, the main effects, if truth be told. Natural medicine and nutritional laws are run by one set of rules, and pharmaceutical companies and their products by others.

Low doses of natural medicines do not get clinical results! Through the years, the mistake I have seen people making repeatedly is **under-dosing**. However, when taking something for the first time, you need to start with a minimum dose, like you would putting your toes in a hot bath to check the temperature. Since each substance in the protocol offers strong medical firepower, with each working in synchronicity with the others, it changes our calculations and dependency on any one agent acting alone. Yet we

often have to throw this guidance out the window in emergencies, which demand higher initial dosages.

Combining administration methods is the best way to maximize the intake of natural medicines. For example, one can use IVs, take medicinal baths, take orally, use enemas, nebulize and apply topically directly on the skin depending on which protocol item you are using and what you are treating, and its severity.

Care must be taken to pay attention to your own body and adjust according to *how you feel*. Your body's feeling state gives valuable feedback so pay attention to it and its reactions. Cookbook acupuncture is when treatment comes right out of a book, it is not near as beneficial as an acupuncturist using their consciousness to select points to stick the needles in. I will do my best here to give a general/ideal protocol, but people still have to decide what they will use, how much and what time of the day.

Methods of Administration

One of the most beautiful things about the most potent medicines in *Forbidden Cures* is the versatility in methods of application. Also, the principal medicinals are liquid. This applies to chlorine dioxide, magnesium bicarbonate, magnesium oil (chloride), iodine, lipid selenium, sodium bicarbonate, DMSO, and most superfoods.

Chlorine Dioxide is probably the most versatile, but magnesium is right behind. Drinking these medicines is the most common method. Enemas and suppositories are robust application methods because the large intestine rapidly absorbs whatever is put into it. In addition, medical baths are a relaxing yet potent method of medication administration and detox.

Spraying liquid medications is for all types of skin problems. Adding DMSO as a transport agent with chlorine dioxide or magnesium oil facilitates deeper and faster absorption through the skin.

Liquids are quickly turned into gasses, so they can be used to disinfect the air in a room and avoid contagions. Chlorine dioxide and iodine come to mind here. However, when we use nebulization, we can use magnesium oil, glutathione, sodium bicarbonate, the iodine but not chlorine dioxide. For nebulization, it is one of the times when hydrogen peroxide is better than chlorine dioxide.

Intravenous or intramuscular injections are often appropriate. Chlorine dioxide, magnesium chloride, glutathione, and vitamin C can all be used. For these methods, medical and health professionals need to be available.

What You Need to Know About Treatments



The best way to treat cancer is to stimulate the body's resources. The immune system is the key to both fighting and preventing cancer. It is a fluid network designed to protect us from agents of disease. Its primary mission is in resistance and restoration. The immune system must be exquisitely sensitive in detecting the surface features of other cells and substances.

The priority in our protocol is to address patients' bicarbonate and magnesium deficiencies. Iodine, selenium, and sulfur as well. These five minerals will pave the way for chlorine dioxide. However, in cases like COVID infections and vaccine damage, one wants to begin with chlorine dioxide immediately. So if you are in the Amazon jungle, visiting a native tribe, which one of my best friends just did, and they all have malaria, jump right on the chlorine dioxide. But otherwise, get the body moving toward the alkaline side of life with bicarbonates for a few days before starting chlorine dioxide.

Two-Hour Rule Does Not Make Medical Sense

The most challenging part of practicing the protocol is working with oxidants and antioxidants. We do not want to use them in a way that they cancel each other out. The way chlorine dioxide has been used up to this point is to place so much importance on the chlorine dioxide that everything else gets shoved to the side because of the two-hour rule, which says no taking of antioxidants for two hours before and for two hours after taking your ten hourly dosages of chlorine dioxide. That takes up to 14 hours daily, leaving little time for other much-needed medicines.

The two-hour rule from Jim Humble is from heaven, not from medicine. Most of the chlorine dioxide one swallows gets into the blood super fast. It does not like to hang around for too long. Some protocols dose with CDS every 15 minutes. It does not accumulate as these 15-minute dosings suggest.

The two-hour rule is one of the cherished beliefs in the chlorine dioxide community. It is a theory based on some observations, but it does not mean it is true or accurately describes a reality that we must follow.

The two-hour rule ASSUMES a lot. The first assumption is that chlorine dioxide is a one-man superhero that deserves the main stage, even after the lights go out. It assumes everything else is less important when that is not true.

The two-hour rule implies that chlorine dioxide is a weak therapeutic agent easily discouraged from doing its job. This is also not true. Chlorine dioxide is invincible. Just ask any professional public water expert.

The rule also ASSUMES chlorine dioxide is slow-acting when it races into the blood right through the stomach walls. Its action in the blood would also be lightning fast, so we could safely say 99 percent of its action is over in an hour, possibly in less time.

We can well away come to our senses and make it a one-hour rule, and for many medicines, even down to just 15 minutes. Antioxidants are always in our system and are as necessary to life as oxidants. But you do not want to administer vitamin C, A, and E until you finish your daily chlorine dioxide protocol. So follow the 'one-hour rule' in terms of after and do not supplement with them before starting your chlorine dioxide dosages in the morning.

Sometimes Only Magnesium Will Do The Trick

I received a letter from a professional colleague named George Eby in 2007 stating that his daughter was destroyed by the terrible side effects of a special type of antibiotic called fluoroquinolones. He said, "My daughter was stricken with this horrible affliction. Cipro sensitivity causes long-term (multiple years to life) chronic pain, weakness, and tendon weakness leading to tendon breakage and many other horrible effects, some physical and some mental. This is something that everyone needs to know about. We have been destroyed by Cipro. I don't think there is much anyone can do except to give her magnesium - which is somewhat of an antidote. I am distraught, but I haven't lost hope. But I am being realistic. Some of the tendon damage is necrotic and permanent. However, we have studies with rattlesnake venom that produce necrosis on animals and simply applying magnesium (chloride) and zinc (gluconate) topically, the necrosis vanishes." Ten days later, I received this email from George.

"Topical magnesium chloride for 10 days = well daughter!"

There is a power and a force in magnesium chloride that cannot be equaled anywhere else in medicine. There is no substitute for magnesium in human physiology; nothing comes even close to its effect on overall cell physiology.

The most astonishing thing almost anyone can do is drown oneself in transdermally applied magnesium chloride. George Eby used on his slight daughter approximately one ounce applied to the skin a day. I tell all my patients that I am alive today because I received more magnesium massages than anyone alive.

The dose determines the effect when using nutritional medicines like magnesium chloride, iodine, sodium bicarbonate, vitamin C and alpha-lipoic acid. In conventional Allopathic medicine, they say the dose makes the poison. However, in Natural Allopathic Medicine, we are not using poisons. Therefore, we can often take doses to exceedingly high levels **without** the side effects found in pharmaceuticals that are an ever-present danger, even at very low doses.

As a general rule, starting low, getting used to each substance, and slowly bringing the doses up is best. What it says on the bottle of whatever you use is a good guide for beginning doses. The Nascent Iodine is a good example. On the bottle, it says 1-3 drops three times a day. Ten drops a day is only 4 mg. I used to give my three-year-old 15 drops at each application instead of antibiotics. I like Nascent Iodine, which is best for people

with thyroid issues. Still, I recommend Lugol's Iodine for people who will be using high dosages. It is much less expensive and best for body painting.

When taking something for the first time, it is best to start with a minimum dose, like putting your toes in the water to check the temperature. In emergencies, when you cannot afford the luxury of driving up the amounts slowly, it is best to work with a health professional.

Cardiologist Dr. Thomas Levy said, "The three most important considerations in effective vitamin C therapy are dose, dose, and dose. If you don't take enough, you won't get the desired effects." Effective doses are often hundreds of times more than the U.S. Recommended Dietary Allowance (RDA) or Daily Reference Intake (DRI).

Dr. Abram Hoffer said, "Drs. Wilfrid Shute and Evan Shute recommended daily doses from 400 to 8,000 IU of vitamin E. The usual dose range was 800-1600 IU, but they report that they had given 8,000 IU without seeing any toxicity." The Shutes successfully treated over 35,000 patients with vitamin E.

Though you might choose to start ten medicinals, you do not want to start all ten on the same day. When using these medicines, you use the reactions and feelings of your body to navigate upwards toward higher doses. Our body knows the difference between what is good or bad for us.

One can expect to start feeling something positive within days of beginning the *complete* core protocol.

Special Note: Inexpensive treatments are not necessarily any less effective than costly ones. For some medical situations, inexpensive medicinals like sodium bicarbonate, iodine, and chlorine dioxide are more potent than the strongest pharmaceuticals.

Keep It Simple

A boy's serious ailment, glycogen storage disease (GSD), required only a simple fix once it was diagnosed. "Dr. David Weinstein agreed to accept Peter as a patient and perform DNA testing. He advised Mathiasen to replace the bedtime yogurt with a drink containing several tablespoons of cornstarch. One of the cheapest ingredients in a supermarket at less than \$2 per box, **cornstarch, provides slow-release glucose**. Within weeks, Peter's episodes largely disappeared."

"One of the problems we've had is that treatments are not fancy—cornstarch is a gravy thickener," observed Weinstein, who said his program has treated 400 children from 31 countries and nearly every state. "Most people feel that if we're not treating it with a fancy medication, it's not a real medical condition."

Sometimes relief is felt within hours. For example, when one puts magnesium oil on the skin, it often relieves pain in minutes. Same with medical marijuana salves and chlorine dioxide. Put some on a burn and see how fast the pain goes away.

Liquid Cancer Treatment



The nice thing about the Natural Allopathic protocol is most of it is liquid. For those who cannot drink but have not been given up for dead, this protocol could be given through feeding tubes and administered intravenously. The rest of us can do this at home whenever we bring a glass of water to our lips.

One key is to drink enough liquid to get to 100 percent hydration so one will be urinating frequently and witnessing a light yellow to sometimes a clear stream of urine, though it might not be so clear because of all the nutrients one will be putting in the water.

Many brilliant doctors have written about how water can cure; even the most skeptical doctor will concede water is the perfect cure for dehydration. I could write all day about this and have it in my book *Water Medicine*, but one can read Dr. Fereydoon Batmanghelidj's books on water and Dr. Gerard Pallack's book *The Fourth Phase of Water*. **It's what's in water that makes water into a potential cure for cancer and every other disease.**

We will be layering medical substances of natural origin into our water. The first layer is to turn our inner waterways alkaline. We flood the body with water full of bicarbonates and magnesium from the moment we wake until bed. When using magnesium bicarbonate water, it is simple and easy to administer. There is a lot we can do with water.

Calculating all the options and dosages is not straightforward, but the critical point is understanding the basic concepts.

Daily Protocol

Knowing appropriate dosages is vital to practitioners and patients because dosages are mission-critical for achieving therapeutic effects. Therefore, estimating dosages is something we all must do. The first thing we have to do that with is with our water intake.

What is the right amount of water (dosage) a person should drink daily? What dosage of the sun? Unfortunately, these are essential questions that doctors often answer incorrectly.

On top of everything creating a protocol that includes chlorine dioxide is not the easiest thing to do. We need to be both smart and intuitive when combining strong oxidant and anti-oxidant therapies.

Measuring critical dosages when one uses natural medicines is often the maximum that can be taken. It is the amount needed to achieve the desired therapeutic effect.

We can often take doses to exceedingly high levels without any side effects. The secret to safe and effective medicine is using medicinal substances that do not have side effects because they are not poisons. This is the meaning of safe, something that will not harm or hurt you. In pharmaceutical medicine, the main way of measuring the critical dose would be to measure the minimum necessary for therapeutic effect.

There are more than 75,000 ER visits a year due to Tylenol overdoses causing serious health emergencies, including liver failure and death. There hasn't been a person who has died from an iodine overdose in 50 years, yet there are plenty of doctors who are afraid to prescribe iodine.

One's Daily Routine

One's daily routine starts first thing in the morning. I will draw a picture of what I consider the best way to manage all the different medicines, but one still has to choose what medical equipment to use, what protocol items to concentrate on, and how high you will take your dosages.

Some people on protocol might be using a hydrogen inhalation machine and have been breathing hydrogen and oxygen gas all night, so their protocol is going on through the night. Sleep gets better if also one is using an infrared mattress. Nourishing the body overnight with hydrogen and heat is comforting and healing. One does not start hydrogen therapy until an hour after finishing chlorine dioxide dosages.

But on awakening, before even brushing your teeth, would be a glass of edible clay. If one is detoxing using chlorine dioxide, one wants to use clay to ensure toxins leave the body. Clay cleans and heals the intestines. Edible clay is incredibly pure, so it has mighty absorbing power over toxins. A glass of clay water before bed is a good idea in severely toxic individuals.

Fifteen minutes later, I would take a half tea of bicarbonate, then put Tung Oil (selenium) under the tung and wash down with a glass of water with iodine. The first dose of magnesium as well. Do not take vitamin C, E, or A until one hour after finishing one's daily chlorine dioxide dosages.

Start with chlorine dioxide half-hour after taking one's morning dosages of medicinals. The standard dosage of chlorine dioxide depends on what form is used. For MMS dosages, see the work of Jim Humble and join a Telegram chlorine dioxide group, for CDS, know the work of Andreas Kalcker.)

For the very first dose, take a sip, then proceed. Dosages can be more frequent, especially for acute syndromes like COVID. The maximum amount I have been comfortable with is 6 ml per hour.

After one takes or while waiting to take one's first dose of chlorine dioxide would be a good time to do one's breathing retraining using the Frolov or other device to help slow down your breathing. This should be done twice or thrice a day or even more if one wants to beat back cancer.

Though I prefer to fast in the morning while taking chlorine dioxide, one can eat half-hour lightly after and before chlorine dioxide dosages. Though there are other medications you might want to take first thing in the morning, reserve the hour after finishing with chlorine dioxide before resuming the intake of other medicines.

One can do high-heat BioMat sessions anytime during the day and do breathing retraining.

Magnesium bicarbonate water can be taken anytime except at the same time as chlorine dioxide dosages.

The CDS standard is 8 to 10 hours a day, but this can vary, meaning after a patient gets used to it, one can increase the dosage and shorten hours to make more room for other therapies.

For liquid selenium, double the dosage on the bottle to start, then one can easily go to 5 or 10 drops and even higher in late-stage cancer conditions.

Iodine dosages vary widely and can be taken up to high levels of selenium is being used. This is generally true except for those with thyroid conditions. Then iodine should be taken with great care. Thyroid patients should read Dr. David Brownstein's books on Thyroid. However, always start slow and build dosages day by day. Women with breast cancer or who want to prevent breast cancer should pain their breasts with iodine but have CDS salve available if it sometimes irritates the skin.

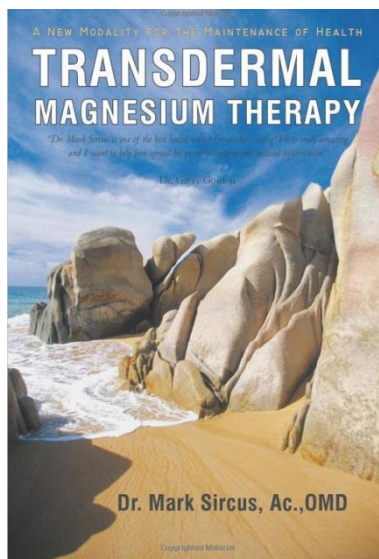
The maximum dose for sodium bicarbonate is right on the Arm and Hammers box. It's seven half teaspoons a day for a full-grown adult. Complete bicarbonate therapy has your urine getting up to 8.

Magnesium dosages and other dosages will be presented separately.

My First Chlorine Dioxide Protocol

Protocol DS: The first rule of protocol DS is no rules. The second rule is to pour the CDS with no measurements per ml. Judge concentration by color, taste, and sensation as it goes past the throat. Third rule: take when you want. Just take it when you can. When well progressed in your healing and detox, and are taking fewer dosages, take the maximum dose per application that the body is comfortable with. This is what I have been doing lately.

More On Dosages



The Power of Magnesium Is Dose Sensitive

The only question about Magnesium is the dosage necessary to do its job for each person. When I suggest a minimum of a gram daily, I am talking about magnesium medicine, not magnesium supplementation. Few still know or understand that magnesium can and should be used as a prime medication.

Magnesium serves hundreds of essential functions in the body, and one of them has to do with the efficiency of red blood cells and their capacity to carry oxygen.

Healthy people who want to supplement 500 mg daily will probably fit many people's needs. First, however, we must consider the extra stress almost everyone is experiencing and the declining value of minerals in our foods. However, if you feel intensely stressed, have irregular heartbeats, feel oppression in your chest, suffer from pain, have diabetes, cancer, neurological disease, etc., think of a gram as your *minimum* dose.

If one is looking to get the most out of magnesium as a medicine to treat both acute and chronic diseases, one can think of 1 to 3 grams a day split up through many dosages, so bowel tolerance is not so easily reached.

Magnesium can also be applied transdermally, meaning you can put it on your skin, take footbaths, and full baths loaded with magnesium. You can nebulize it. My favorite is magnesium massages.

Oral consumption taken to bowel tolerance: Magnesium is the perfect medicine for constipation because high levels loosen the intestines. Thus, one can navigate oral dosage by reaching the intake level that provokes loosening stools. Then back down the dosage, let the body get used to it, and slowly increase again to bowel tolerance. I use magnesium chloride or magnesium bicarbonate, but all forms are helpful to one degree or another.

The Heavy Guns of Magnesium

Dr. Raul Vergini says, "Magnesium chloride has a unique healing power on acute viral and bacterial diseases. It cured polio and diphtheria, which was the main subject of my magnesium book. Every few hours, a few grams of magnesium chloride will clear nearly all acute illnesses. **I have seen a lot of flu cases healed in 24-48 hours with 3 grams of magnesium chloride taken every 6-8 hours.**"

Dr. Vergini wrote, "I was looking for a solution to cleanse wounds because Dr. Delbet had found out that the traditional antiseptic solutions actually mortified tissues and facilitated the infection instead of preventing it. He tested several mineral solutions and discovered that magnesium chloride has a great effect on leukocytic activity (Increases leucocytes to fight infection) and phagocytosis; so it was perfect for external wounds treatment."

In 1915, a French surgeon, Prof. Pierre Delbet, M.D wrote, "From a practical standpoint, please remember that only magnesium CHLORIDE—and no other magnesium salt—has this 'cytophylactic' activity. The solution to be used is a 2.5% magnesium chloride hexahydrate ($\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$) solution (i.e. 25 grams in 1 liter of water)."

Doses are as follows:

- Adults and children over 5 years old..... 125 cc
- 4-year-old children..... 100 cc
- 3-year-old children..... 80 cc
- 1-2-year-old children..... 60 cc
- Children over six months old 30 cc
- Children under six months old 15 cc

Because oral dosages are limited by bowel tolerance, it is helpful to use transdermal applications. One retired doctor with diabetic neuropathy could tolerate up to 20 grams daily to control his neuropathy. His high levels were necessary because he had a magnesium-waisting disease.

For general use, I recommend magnesium oil applied transdermally so it will bypass the GI tract, thus avoiding the side effect of loose stools that will limit the amount you can take in. With regular use, deficiencies will be relieved. You can use 1oz of magnesium oil on your entire body per day without concern. Oil can be applied multiple times per day to areas of pain or inflammation. Massage it in for a relaxing treatment.

One spray of Ancient Minerals Magnesium Oil will provide 18-20 mg. of magnesium chloride.

Medicinal Baths

I am recommending doses for baths ranging anywhere from 2 to 4 pounds to even 6 pounds of magnesium flakes or a combination of flakes with Dead Sea salt and perhaps even Epsom salt. I am not talking about a nice hot magnesium bath for simple relaxation but a professional bath intended for a strong therapeutic effect. Sodium bicarbonate can be added starting from one cup to upward of a few pounds. See my essay on bath bombs, which is all about adding citric acid to the mix, which turns the sodium bicarbonate into carbon dioxide microbubbles. These baths can be taken 3 times per week.

More On Sodium Bicarbonate

The dosage varies with one's urine and saliva pH readings and the condition being treated. The maximum dosage is right on the Arm & Hammer box: seven half-teaspoons a day for a full-grown adult under age 60 and three half-teaspoons for people over age 60. One must check their pH daily in the morning and after a bicarbonate bath, which can be made quite strong.

Add 1 lb or more to a bath 2x/week if heavy detoxification of radiation or other strong pollutants is needed. When treating cancer, take the urinary pH up to 8.0 and keep it there for ten days, then take a week off and start again for another 7 to 10 days. This can be repeated until one tests negative for cancer or just feels the lack of need as health returns. This is also true for infections such as a cold or flu, but often these resolve after only a few days of bicarbonate use. Then the bicarb use can be stopped. Again start slowly and monitor your body's reactions, **always guiding yourself with the pH strips**. One can take a lot of bicarbonate for a short period, so do not hesitate.

General Rules for Using Sodium Bicarbonate

To secure the best results with Arm & Hammer Pure Bicarbonate of Soda (Baking Soda), specific simple rules must be observed. *Materia Medica, pharmacology and Therapeutics* (Bastedo, Page 88) clearly outlines these rules as follows:

“The effect of an alkali in the stomach will vary according to the nature of the stomach contents at the time of administration. In the resting period (after food is digested), sodium bicarbonate merely dissolves mucus and is absorbed as bicarbonate into the blood to increase its alkalinity directly.

“In the digestive period, it reduces the secretion of gastric juice, neutralizes a portion of the hydrochloric acid, liberates the carminative carbon dioxide gas, and is absorbed as sodium chloride.

“In cases of fermentation or ‘sour stomach,’ it may neutralize the organic acids and so result in the opening of a spasmodically closed pylorus (the opening between the stomach and the small intestine); while at the same time it acts to overcome flatulency (accumulation of gas in the stomach and bowels).

“The time of administration must, therefore, be chosen with a definite purpose. Usually, for hyperchlohydria (excess of acid), one hour or two hours after meals will be the period of harmful excess of acid.”

“In continuous hyperacidity and fermentative conditions, a dose an hour before meals will tend to prepare the stomach for the next meal; or sometimes a dose will be necessary immediately after eating because of abnormal acid or base having been present at the commencement of the meal. (For the average person, one-half hour after meals is recommended).

“A dose at bedtime tends to check the early morning acidity, or a dose on arising cleans the stomach of acid and mucus before breakfast.”

“Besides doing good in respiratory affections, bicarbonate of soda is of inestimable value in the treatment of Alimentary Intoxication, Pyelitis (inflammation of the pelvis of the kidney), Hyper-Acidity of Urine, Uric Acid disturbances, Rheumatism and Burns. An occasional three-day course of Bicarbonate of Soda increases the alkalinity of the blood, assists elimination and ***increases the resisting power of the body to all infectious diseases.***”

Sodium Bicarbonate Use for Colds and Flu

“The proven value of Arm & Hammer Bicarbonate of Soda as a therapeutic agent is further evinced by the following evidence of a prominent physician named *Dr. Volney S. Cheney*, in a letter to the Church & Dwight Company:

“In 1918 and 1919, while fighting the ‘Flu’ with the U. S. Public Health Service, it was brought to my attention that rarely anyone who had been thoroughly alkalinized with bicarbonate of soda contracted the disease, and those who did contract it, if alkalinized early, would invariably have mild attacks. I have since that time treated all cases of ‘Cold,’ Influenza, and LaGripe by first giving generous doses of Bicarbonate of Soda, and in many, many instances, within 36 hours, the symptoms would have entirely abated. Further, within my own household, before Woman’s Clubs and Parent-Teachers’ Associations, I have advocated the use of Bicarbonate of Soda as a preventive for “Colds,” with the result that now many reports are coming in stating that **those who took “Soda” were not affected. In contrast, nearly everyone around them had the “Flu.”**

Recommended dosages from the Arm and Hammer Company for colds and influenza back in 1925 were:

- During the first day, take six doses of half teaspoonful of Arm & Hammer Bicarbonate of Soda in a glass of cool water at about two-hour intervals.
- During the second day, take four doses of half teaspoonful of Arm and Hammer Bicarbonate of Soda in a glass of cool water at the same intervals.
- During the third day, take two doses of half teaspoonful of Arm and Hammer Bicarbonate of Soda in a glass of cool water morning and evening, and after that, a half teaspoonful in a glass of cool water each morning until cold is cured.

In Kidney Disease

Sodium Bicarbonate has been shown to slow the progression of chronic kidney disease and to improve nutritional status in kidney patients.

The doses used in the research were 600-650mg given 2 or 3 times per day, equal to 1/8 teaspoon of sodium bicarbonate in water or one capsule of sodium bicarbonate. It is generally used in those with chronic metabolic acidosis. Overt chronic metabolic acidosis in patients with chronic kidney disease develops after a glomerular filtration rate drops to less than 25 mL/min/1.73 m². The pathogenic mechanism seems to lack tubular bicarbonate production, which in healthy individuals neutralizes the net acid production. New clinical trials are now going on to determine who benefits and how much is needed per day.

Sodium Bicarbonate Enemas

Sodium bicarbonate can be used quite strongly to combat Candida and cancer in the colon. I recommend starting with 1/8 cup of bicarbonate in a whole quart of water and working up gradually to the ½-cup maximum.

Sodium bicarbonate enemas can be started gradually, perhaps once every other day for candida treatment and up to 3x/day when doing intense sodium bicarbonate treatments for colon cancers.

Iodine

Dr. David Brownstein uses 200-300 milligrams of iodine daily, with higher doses for more serious and difficult diseases. In perspective, this seemingly “high” dose is still far lower than what the 11th edition of the *1910-1911 Encyclopedia Britannica* cites as the “usual” doses of 300-900 milligrams (300,000-900,000 micrograms!) of iodine daily. This is over 2,000 times more than common recommendations. “At 6 grams daily (which is 6 million mcg/day or 6,000 mg/day!), a much higher dose, **iodine has been used to cure syphilis, skin lesions, and chronic lung disease,**” says Dr. Gabriel Cousens.

Dr. Michael B. Schachter says, “The treatment dose when a person is insufficient is between 12.5 and 50 mg daily. Preliminary research indicates that if a person is iodine insufficient, it takes about three months to become iodine sufficient while ingesting a dosage of 50 mg of iodine and a year to become iodine sufficient while ingesting a dosage of 12.5 mg of iodine daily. However, the patient needs to be monitored closely, aware of possible side effects and detoxification reactions.”

Iodine can also be applied topically over skin cancers. It is recommended to use a 7% Lugol’s solution and paint the lesion multiple times daily until the scab forms and then falls off. Once it falls off, apply the iodine until another scab forms and falls off naturally. Do not force removal of the scab. Once three scabs have fallen off, the cancer should be gone. If using a smaller iodine percentage, apply more frequently.

Selenium

With nearly 100% regularity, knowledgeable doctors can increase the blood levels of selenium several-fold by giving 1,000-2,000 micrograms of selenium daily and then dropping back to a maintenance dose. In one case, a dosage level of 2,700 mcg/day for two months followed by six weeks of 5,000 mcg/day was required to bring up selenium blood levels.

Dr. Schrauzer, *who is internationally respected for his groundbreaking research on aspects of vitamins and essential trace elements, notable selenium,* reports that dosages of 2,000-5,000 mcg per day will produce toxicity symptoms only after several months. However, since the early symptoms of selenium toxicity such as nausea, weakness, and discoloration of the fingernails are easily noticed, high doses have not been reported to have caused any fatalities. However, none of this is a problem with Tung Oil.

Each drop of Tung Oil is half a milligram, five to 20 times more than other products. After learning about a pharmaceutical company that makes injectable selenium for ICU departments, I wrote a book on Selenium. It is safe. For cancer patients, I recommend 10 to 20 drops a day. Maintenance dosages are five drops daily, every other day, or even once a week as required over the long run. For general health maintenance, the amount recommended per day is one or two drops. For other types of selenium, the maintenance dosage would be 200 to 600 mcg.

Glutathione

The recommended therapy is three boxes of full-strength Glutathione suppositories for a profound effect (45 Glutathione suppositories). The total number of rectal suppositories required depends on your toxicity level, your Glutathione level, and your health goals (Parkinson's, viral infection, cancer, old age, etc.). These can be taken every day but again, start slow. Every other day would be better. As one's situation improves, one can go down to one every two or three days. For less expensive and lower dosage suppositories, see this link.

L-Glutathione Plus is also available for nebulization from Theranaturals with bicarbonate. Follow label directions.

Vitamin C

Vitamin C mega-dosage is the consumption (or injection) of vitamin C (ascorbate) in doses comparable to the amounts produced by the livers of most other mammals and well beyond the current Dietary Reference Intake. Some practitioners of vitamin C mega dose therapy may consume up to 20 grams per day, depending on their bowel tolerance, under the belief that it will lead to optimal health or healing of various conditions.

The dosage is usually divided and consumed in portions over the day. IVs of 50 or 100 grams per day are advocated by some physicians for therapy of certain conditions, poisonings, and recovery from trauma. People who practice vitamin C mega dosage may consume many vitamin C pills throughout each day or dissolve pure vitamin C crystals in water or juice and drink it throughout the day.

Ultimate Protector™ offers unprecedented ORAC (oxygen radical absorbance capacity) values that act as an overwhelming antioxidant blanket that will smother inflammatory free radical fires. It will reduce pain and inflammation and reduce human oxidative stress quickly if taken in high enough dosages. When using the Ultimate Protector, I recommend four to ten capsules per day and two to four caps for children in divided doses.

Medical Marijuana

A 2013 survey in the New England Journal of Medicine found that nearly 8-in-10 doctors approved the use of medical marijuana. Now, a wide-ranging study in California finds that medical marijuana patients agree: 92% said that medical marijuana alleviated symptoms of their severe medical conditions, including chronic pain, arthritis, migraine, and cancer.

Cannabis marijuana can be inhaled, juiced, or eaten in its raw form (as a food) in high dosages without fear of dangerous side effects. It does not cause harm but rather is protective of our body's systems, and it heals. Cannabis does no damage, and no one has been known to die from overdosing on cannabis. Dosage varies widely depending on how one takes cannabis and on one's sensitivities, and of course, it goes with the strength of the cannabis used and what it is being used for.

For hemp oil, patients should start with three daily doses, about half the size of a grain of dry rice. A quantity such as this would equal about one-quarter of a drop, and after four days at this dosage, they should increase their doses a little more every four days until you are at the point where you are ingesting about 1 gram a day, so each quantity should equal 1/3 of a gram. People's sensitivities vary widely with hemp oil, and again the size and weight of a person is a significant factor. A full course of treatment with hemp oil for a cancer patient is three months, using 60 grams in total.

Cannabis balms or creams can be applied as needed throughout the day to painful or inflamed areas.

Vitamin D and the Sun

A 50,000 IU capsule costs as little as 21 cents (\$21 for a bottle of 100 capsules on Amazon US) This mega-dose formula may be what a person needs to protect themselves from the ravages of viral infections. It is also what one wants to use if one has cancer, diabetes, MS, and just about any other disease. Typically D3 is sold in 5,000 IU units, but this product from Biotech has 50,000 IU units. Vitamin D lowers inflammations of the body, which are what Alzheimer's, M.S., cancer, and Parkinson's patients suffer from. Unfortunately, 70% of people diagnosed with Parkinson's are estimated to have low levels of vitamin D.

Taking *one 50,000 IU capsule of Vitamin D3 every two weeks* will result in 80% of adults bringing their blood levels to above 40 nanograms/ milliliter, an optimal level for good health. A 50,000 IU capsule is equivalent to the amount of vitamin D from sunbathing for three days in a sunny climate. You can initially take more than 50,000 IU pills to feel the benefits more quickly.

50,000 IU	To feel benefits in a week	To Maintain 40 ng/ml	*About 20% of adults are at <i>high risk</i> for Vitamin D deficiency: especially those who are obese, pregnant, shut-in, avoid the sun, have dark skin, are senior, live far from the equator, or need to deal with an illness, injury, or surgery. <i>They need at least 2 times more Vitamin D.</i>
Adult	2 per day for 4 days	1 every 2 weeks	
Adult – high risk*	4 per day for 4 days	1 every week	

About 20% of adults are at high risk for Vitamin D deficiency: especially those who are obese, pregnant, shut-in, avoid the sun, have dark skin, are senior, live far from the equator, or need to deal with an illness, injury, or surgery. They need at least two times more Vitamin D. For more on dosages, visit [this site](#).

One capsule of HPDI's Vitamin D3 Plus contains 5,000 IU of vitamin D derived from highly purified and molecularly distilled fish liver oils.

Follow directions of product used if using a vitamin D supplement. Be careful; if you take too much D3 and calcium, your serum calcium may rise too high.

Spending 15 minutes in the actual sunshine daily, exposing as much skin as possible, will provide adequate vitamin D production if the angle of the sun is favorable enough though John Cannell of the Vitamin D council is now stating that a new study is showing that this may not even be adequate.

In a study conducted between October and November of 2012 at latitude 37 degrees north, about the latitude of Washington, DC, the initial mean 25(OH)D levels were 11 ng/ml, and no woman had levels greater than 20 ng/ml to begin the study. The women were told to get 20 minutes of midday sun exposure on their hands, forearms, and faces every weekday for four weeks. Facial sunblock and sunglasses were permitted.

Home testing for vitamin D levels can be obtained without a prescription from the Vitamin D Council.

Sea Water

Recommended Dosages

- From birth to one year of age - 10 ml in the feeding bottle every other day
- From 1 to 4 years of age - 10 ml daily away from meals
- Over four years of age - 10 to 40 ml daily according to the severity of the case
- Adults - 30 to 60 ml daily according to the severity of the case
- Older people - 10 to 20 ml per day, or as required, over several months

Instructions for Use

Seawater is to be taken orally on an empty stomach 20-30 minutes before meals or at least 1½-2 hours after meals. Seawater should be pure (hypertonic) or isotonic (diluted in water by 2/3). For children who find the product too salty, it may be taken diluted in some milk or juice.

Water

The amount of water is judged by urine flow. Urine color should be clear when fully hydrated, light yellow is standard, and voiding frequency should be regular and without pain or discomfort when enough water is consumed. When feeling uncomfortable, water is the first medicine one should reach for.

Organic Sulfur

Some recommend an average of 10 grams of organic sulfur daily, though many people take quite a bit more. For an average person with no specific health issues, a rounded teaspoon (about 5 grams) twice a day is ok, as the excess organic sulfur is cleared from the body in about 12 hours. Though its taste is not very yummy, so I use MSM tablets.

Clay and Intestinal Cleansing

Intestinal Rejuvenation Formula is one of the best I've seen. Intestinal Rejuvenation Formula is a superior drawing, cleansing, and detoxifying formula for the bowel. It safely and effectively loosens encrusted deposits, pulls toxins, soothes inflamed tissues, and provides nourishing nutrients for optimal function of the digestive (GI) tract. Use as directed.

Living Clay. It is so pure it tastes clean! Edible clay draws its detoxifying ability from the favorable action that calcium bentonite and montmorillonite clay have upon the GI tract through its absorption and adsorption of various toxins, pathogens, metabolic wastes, and heavy metals. It soothes and purifies the gut, balances intestinal bacteria, and aids in alkalization. One heaping teaspoon in a glass of juice or pure water once a day is recommended. Use an hour before eating or taking other supplements.

Spirulina and other Super Food Formulas

I have been promoting spirulina since it first hit the marketplace 40 years ago and, through the years, have seen what its nutritional power can do. Ten gm. per day for a medical dose, otherwise 3 gm. per day for general health. It can be used in tablet form or as a powder mixed in smoothies.



18 days! 9 ml per day divided into three doses. I'm in awe!

To the untrained eye, there might not be a world of difference in these before and after pictures, but to me, they speak miles and demonstrates what I would expect. Even the lip ends are curled slightly up, and the eyes seem more focused after 18 days.

Don't Want to Die From A Stroke?

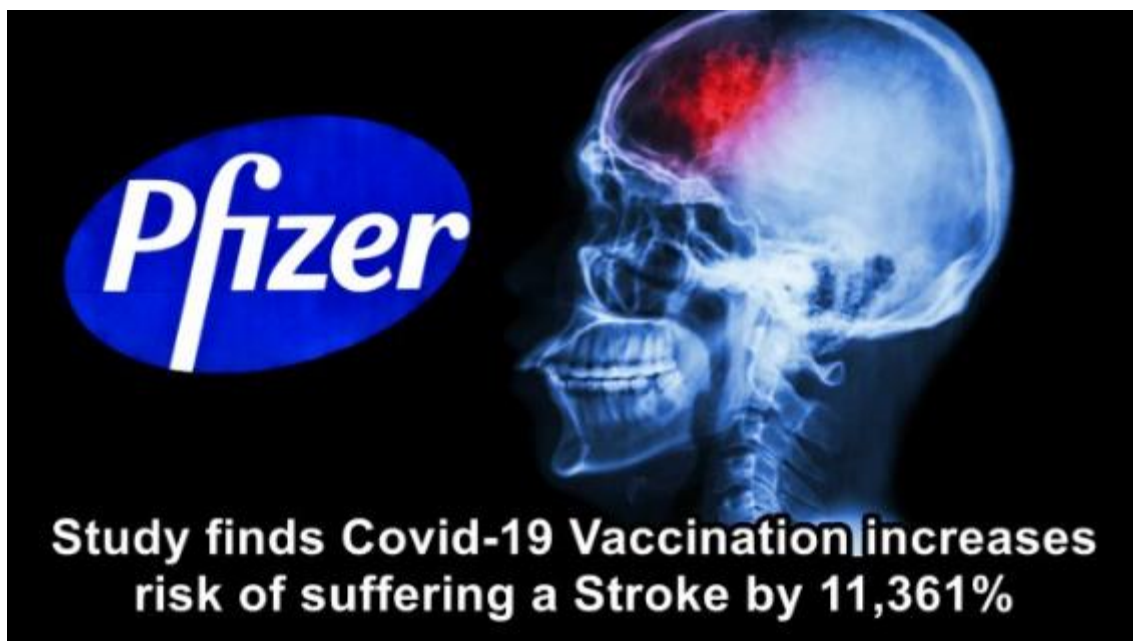


If you do not want to die from a stroke, do not take any of the COVID vaccines, and if you get a COVID infection, you will want to treat it immediately with chlorine dioxide. Unfortunately, just having COVID will increase your chances of having a stroke. Dr. Patrick D. Lyden, professor of neurology at Cedars-Sinai Medical Center in Los Angeles, said doctors reported "a surprising number of very severe strokes at this time" in COVID-19 patients. "I've seen that with my own eyes – otherwise healthy young people with COVID infection and a stroke."

Heart attacks and brain strokes have been the two leading causes of hospitalization and death for Covid-19 vaccine recipients. In addition, we have seen increasing reports of ischemic stroke, hemorrhagic stroke, and cerebral venous sinus thrombosis (CVST) after COVID-19 vaccinations.

They are hard to cover up, but medical and health authorities have done an excellent job of pretending none of this is happening. Nevertheless, COVID-19 patients are at increased risk for severe strokes, according to a new study also found that the overall risk of stroke is higher in younger patients.

Researchers analyzed data from 432 COVID-19 patients in 17 countries who suffered strokes and found they were more likely to have large vessel occlusion (LVO) than stroke patients in the general population. **The analyses suggest coronavirus patients are mostly experiencing the deadliest type of stroke.** Known as large vessel occlusions, or LVOs, they can obliterate large parts of the brain responsible for movement, speech, and decision-making in one blow because they are in the main blood-supplying arteries.



Clinicians should be aware of clinical presentation, diagnosis, and management of stroke associated with COVID-19 vaccination. Still, this awareness is kept from them and the general public because nothing should get in the way of the comprehensive administration of the most dangerous vaccines ever.

Dr. Ryan Cole: "Dr. Reisa Pretorius, in her papers, has shown that you can take the spike protein in the absence of platelets, put it into platelet-poor plasma, and cause quick clumping of the proteins in the absence of this little cascade that we always go through to form a clot. **So that spike protein in and of itself induces a highly unusual clumping of proteins in our bloodstream**, and so this explains partially why we see some of these outcomes."

Special Note: If you do a Google search, you will see the name and integrity of Dr. Cole put into question. I do not believe a word of it. I have been listening to him since the pandemic's beginning, and his integrity seems solid. Anything that suggests COVID vaccines are anything but as safe as apple pie needs to be repressed. As far as I am concerned, COVID vaccines, at least 5 percent of the vaccine lots, are murderous. Prenatal and Neonatal Infant Deaths Skyrocket Worldwide Since COVID-19 Vaccines Started, and in Europe and America alone, official vaccine reporting systems tell us over 65,000 deaths and about 5 million adverse events, with half of them being severe. Multiply these numbers by five or ten to get an accurate picture of what is happening.

*They put 3 HIV proteins in these shots
and gave the world vaccine-induced AIDS*

A stroke, a sudden interruption of the blood supply, is a complex problem with numerous causes and presentations. It can be caused by heart problems, clogged arteries due to cholesterol, and even substance abuse. Mini-strokes often don't cause permanent damage and can resolve independently within 24 hours. But bigger ones can be catastrophic. So the quicker strokes are treated, the better chance of recovery, which is why they tested the administration of magnesium in ambulances for stroke victims.

Fast treatment for stroke symptoms is critical, but when COVID vaccines cause strokes, chlorine dioxide is the treatment of choice if there is any hope of survival. Therefore, every COVID-vaccinated person should immediately start administering this small biocide to avoid vaccine damage.

Blood Clots Cause Strokes

Blood clots have emerged as the common factor unifying many symptoms of COVID-19. Researchers in Germany have discovered that the virus changes the size and stiffness of red and white blood cells in the human body. Moreover, these changes can last for months, possibly explaining the seemingly never-ending symptoms of COVID-19.

In December of 2021, Astra Zeneca scientists finally admitted something that had been known for many months, i.e., that their vaccine was causing deadly blood clots. A Utah mother blames COVID-19 vaccines after her 17-year-old son, and her husband were hospitalized with rare blood clots soon after receiving the shots. "So it is true after all. After nearly one year of stonewalling and denials, they officially admit that the COVID vaccines can cause blood clots," writes **Vasko Kohlmayer.**

Patients hospitalized with severe COVID-19 infections who have high levels of the blood-clotting protein factor V are at elevated risk for serious injury from blood clots such as deep vein thrombosis or pulmonary embolism, according to a new study by Harvard Medical School.

"On the other hand, critically ill patients with COVID-19 and low levels of factor V appear to be at increased risk for death from a form of coagulopathy that resembles disseminated intravascular coagulation (DIC)—a devastating, often fatal abnormality in which blood clots form in small vessels throughout the body, leading to exhaustion of clotting factors and proteins that control coagulation," continues the medical scientists at Harvard.

Many medical scientists have looked at blood samples from vaccinated patients and seen disaster. Embalmers and funeral directors also notice very abnormal blood clots never seen before. Even the U.S. Department of Defense has weighed in on these dangers.

Autopsies have shown some people's lungs fill with hundreds of micro clots. Errant blood clots of a larger size can break off and travel to the brain or heart, causing a stroke or heart attack. So when they opened up some deceased patients' lungs, they expected to find evidence of pneumonia and damage to the tiny air sacs that exchange oxygen and carbon dioxide between the lungs and the bloodstream. Instead, they found small clots all over.

A Dutch study published April 10 in the journal Thrombosis Research provided evidence that the issue is widespread, finding that 38 percent of 184 covid-19 patients in an intensive care unit had blood *clotted abnormally.*

Chlorine Dioxide Rides To The Rescue

Chlorine dioxide, that small, extremely safe medicine that the FDA would rather not exist, rides to the rescue of COVID-infected patients and the billions of people who blindly took COVID injections programmed to force human body cells to produce spike proteins.

Chlorine dioxide works on the central damaging aspect of COVID vaccines, which is coagulation in the blood. "Normally, doctors prescribe an anticoagulant, such as warfarin, which is a substance equal to rat poison, which in the long term, will cause strokes, etc. So it's not a solution at all. However, chlorine dioxide is a solution because we have seen that it directly dissolves mini clots before they get bigger," says Dr. Andreas Kalcker.

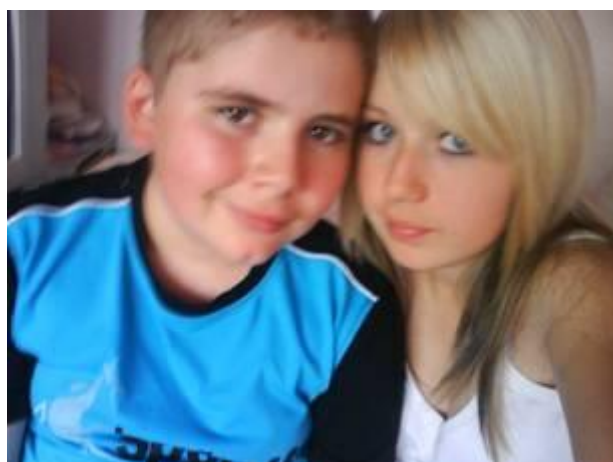
"Oxygen deprivation is the cause of death for most covid-19 victims. Chlorine dioxide *floods the blood with oxygen*, immediately enriching the hemoglobin molecules on red blood cells and allowing patients to breathe again," continues Kalcker.

Many sick and dying have red blood cells clumping together and are not moving freely. Severely clumped red blood cells (Rouleau) affect proper oxygenation because the red blood cells do not circulate well enough to deliver oxygen where it is needed. Early in the pandemic, New York physicians noted that it seemed COVID patients had been transported to 30,000 feet in altitude and were starving for oxygen. This [video](#) shows that the red blood cells regain proper size and shape after taking chlorine dioxide and move freely through the blood.

Chlorine dioxide does not thin the blood as a blood thinner like Coumadin would. It simply allows a more free flow of hemoglobin cells around one another. It reduces the Rouleaux effect. It does not impact the patient's ability to create blood clots normally.

Magnesium Helps Chlorine Dioxide

Magnesium has a fibrinolytic action, prolongs clotting time, delays peak thrombin time, slows down platelet clumping, and appears to reduce fibrinogen levels, all of which may prevent the development or extension of an infarct. In addition, the vasodilator action opens collateral circulation and reduces myocardial damage.



Magnesium deficiency can cause metabolic changes
that may contribute to heart attacks and strokes.

National Institute of Health

As documented in a N.Y. Times story, pediatric stroke is estimated to be the sixth leading cause of death in children. Meaning it affects thousands of infants and children every year. And studies show incident rates are increasing.

Older adults are not the only people in danger of suffering a stroke. According to the American Heart Association/American Stroke Association, children are increasingly stricken. "Children and adolescents with stroke have remarkable differences in presentation (symptoms) compared with adults," said E. Steve Roach, M.D., chair of the statement writing group and professor of pediatric neurology at the Ohio State University College of Medicine.

In a study of over 200 children who had suffered a stroke, nearly 80 percent were found to have abnormalities in the brain's arteries. These abnormalities were due to inflammation, a narrowing or a tear in the artery walls, and researchers believe various infections or diseases caused them. But, of course, they did not even look at underlying magnesium deficiencies or the disturbances that vaccines provoke in the vascular system.

Dr. Tavia Mathers and Dr. Renea Beckstrand from Brigham Young University published in the Journal of the American Academy of Nurse Practitioners in 2009 that magnesium has been heralded as an ingredient to watch for 2010 and noted that *magnesium is helpful for reduction of the risk of stroke*. Population-based information suggests that people with low magnesium in their diet are at greater risk for stroke. In addition, clinical evidence suggests that magnesium is helpful in the treatment of a stroke.

Hydrogen Gas is Essential for Stroke Patients



Every doctor and patient should know that hydrogen has many required characteristics for a successful neuroprotectant: it is easy to produce, diffuses rapidly through the lipid membranes, is inert and safe to administer, and *reacts only with the most aggressive ROS*. Yet, at the same time, it mediates multiple pathophysiologic pathways leading to apoptosis and cell death.

Hydrogen inhalation gas eliminates hydroxyl free radical and peroxynitrite anions producing a therapeutic effect in patients with ischemic stroke. Many studies have been published illustrating its anti-oxidative, anti-inflammatory, and anti-apoptotic effects.

Numerous experimental evidence indicates that free radical formation in all forms of stroke damage was increased, leading to nutritive oxidative stress. There are several free radical production mechanisms during ischemia, including intracellular calcium overload, mitochondrial dysfunction, NMDAR-mediated excitotoxicity, and the release of inducible nitric oxide synthase. In addition, excessive free radicals, such as ROS and hydroxyl radicals, can damage cellular macromolecules and lead to autophagy, apoptosis, and necrosis of cells by affecting signaling pathways. Also, free radicals cause DNA damage and cellular aging.

The key to the success of hydrogen in stroke patients is mitigating the production of free radicals, which are the most crucial pathological mechanism of brain damage after stroke. *Takedown the level of damaging free radicals, and we reduce brain damage.* Hydrogen gas therapy targets hydroxyl radicals, which are considered the main trigger for free radical chain reactions.

One study showed that hydrogen eye drops directly decreased hydroxyl radicals in ischemia/reperfusion of retinas. Hydrogen can also reduce 8-hydroxy-deoxyguanine, decreasing DNA oxidation.

In a clinical trial of 25 patients with cerebral ischemia, 3% hydrogen was administered by inhalation for one hour twice daily for seven days. Hydrogen concentration reached a plateau at 20 min, then it decreased to 10% of the plateau after 6–18 min of cessation of administration in arterial and venous blood, respectively. Conclusion: There is increasing evidence from cellular, animal, and human studies suggesting that hydrogen can be administered safely as a neuroprotector during revascularization.

Intermittent Fasting and Chlorine Dioxide



Eating less food will enhance your immune system, reduce levels of inflammation throughout your body, delay the onset of age-related diseases, and help you live longer. How we eat less is the big question since almost everyone dreams of doing precisely that (dieting); however, very few manage it permanently.

People say that ‘you are what you eat,’ which is valid to a certain extent. As you age, the state of your cells depends on your interactions with your environment, including what and how much you eat and even when you eat and how much you eat.

One of the best and easiest ways of eating less that I have found is combining chlorine dioxide administration with intermittent fasting. I was slowly getting into this fasting over the last year, but it has become much more manageable since beginning with chlorine dioxide. I always find it a joy when I can combine therapies to save time and effort. Anything that makes it easier to eat less should be embraced.

Eating less food will enhance your immune system, reduce levels of inflammation throughout your body, delay the onset of age-related diseases, and help you live longer. The only problem with combining chlorine dioxide therapy with intermittent fasting is what percentage of the credit goes to chlorine dioxide and how much to eat less?

Calorie restriction in laboratory animals enhances their lifespan. Researchers at Yale University concluded the first controlled study of the dietary regimen in healthy humans. Results confirm that calorie restriction in humans leads to “remarkable” long-term health benefits.

The clinical trial is entitled the *Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy* (CALERIE). Vishea Deep Dixit, a professor of pathology at Yale, said, “We know that chronic low-grade inflammation in humans is a major trigger of many chronic diseases, and therefore has a negative effect on life span. There’s so

much debate about what diet is better – how carbohydrates, fat, increased protein, intermittent fasting, etc. – and I think time will tell which of these are important. The CALERIE study shows a simple reduction in calories, and no specific diet has a remarkable effect in terms of biology and shifting the immune-metabolic state in a direction protective of human health. So, I think it gives hope from a public health standpoint.” The study was published in the journal *Science*.

Fasting with Bicarbonates a New Approach to Treating Cancer



Fasting with bicarbonates would have to be the least expensive cancer treatment in the world. The foundation of this approach is to combine two potent therapies, a combination of fasting, intermittent fasting, and Ketogenic diet, as one leg of the treatment, and the second is to flood the body with different forms of bicarbonate—taken orally and administered transdermally.

There has already been a growing body of evidence supporting the role of fasting in both cancer treatment and prevention. Fasting with bicarbonates in all one's water intake to wipe out cancer is a new therapy game changer. We see already why all cancer patients should use bicarbonate. Now we add an ancient practice like fasting, or new ones, intermittent fasting or what are called Nutrition and Fast-Mimicking Diet (FMD). All fasting or dietary restriction forms are potent weapons in our arsenal to fight and defeat cancer.

KetoFasting is a term and book by Dr. Joseph Mercola that offers a complete system that starts with intermittent fasting and a cyclical ketogenic diet and then goes on to a partial fast instead of a water fast.

The minimum one needs to do is stop eating (at least 13 to 16 hours a day) and start regulating one's bicarbonate dosage by constantly maintaining one's urine pH at eight for

a week to ten days. For some patients, prolonged fasts might be necessary, and for still others, some liquid form of super-food needs to be used.

The Gerson Method floods the body with fruit and vegetable juices that maintain many of the dynamics of fasting, but as we will see, water fasting cuts to the bone in terms of what it will do to cancer.

Researchers have found intermittent fasting inhibits the development and progression of the most common type of childhood leukemia. At the end of seven weeks, the fasted mice had virtually no detectable cancerous cells compared to an average of nearly 68 percent of cells found to be cancerous in the test areas of the non-fasted mice, showing the findings published online in the journal Nature Medicine. ‘Mice in the ALL model group that ate normally died within 59 days, while 75 percent of the fasted mice survived more than 120 days without signs of leukemia,’ according to Chengcheng (Alec) Zhang, Associate Professor at the University of Texas Southwestern Medical Center.

The most logical, effective, safe, necessary, and inexpensive way to treat cancer is to cut off the food supply to tumors and cancer cells, starving them with a lack of glucose. Sugar feeds tumors and creates general inflammation that is pro-cancer so glucose starvation—that is, depriving cancer cells of glucose—activates a metabolic and signaling amplification loop that leads to cancer cell death.

An article published in June 2013 by researchers from the University of South Florida and Boston College using mice models reported that a “Ketogenic Diet alone significantly decreased blood glucose, slowed tumor progression and increased mean survival time by 56.7% in mice with systemic metastatic cancer.” While Hyperbaric Oxygen Therapy alone did not influence cancer progression, combining the Ketogenic Diet with Hyperbaric Oxygen elicited a significant decrease in blood glucose, tumor growth rate, and a 77% increase in mean survival times compared to the controls.

Ketogenic diets are a good option if one needs a long-term fast, but many find that difficult. One can still stop eating for the 13 to 16 hours a day, but when one eats, it is with low sugar, high-fat that Ketogenic diets provide.

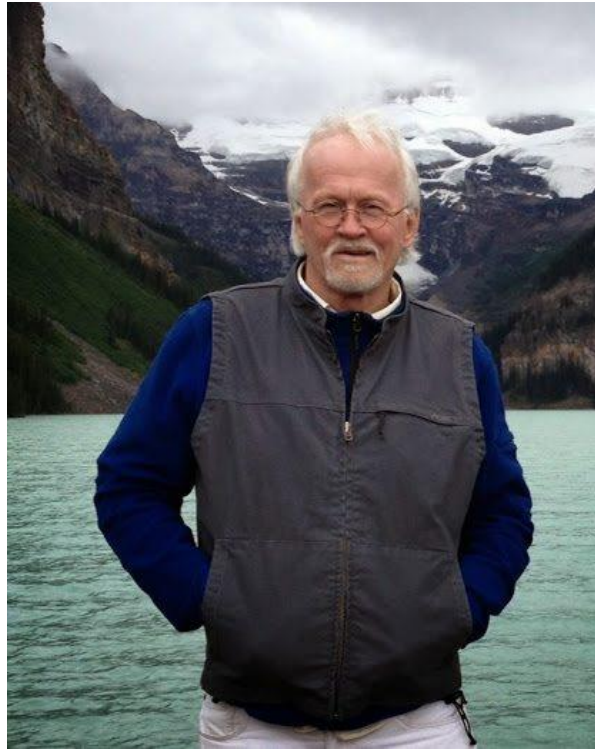
Combine bicarbonate with fasting hits cancer cells where it hurts. By manipulating the circadian oscillation with bicarbonate and shutting down the glucose metabolism of cancer cells with fasting, we can kick cancer cells down the block.

The best bicarbonate is magnesium bicarbonate, a magical mineral formula. Scientists at Ludwig Cancer Center measured the changes in cancer cells by seeing how much bicarbonate was changed into CO₂ in the most hypoxic cancer cells. As bicarbonate is transformed into CO₂ inside cancer cells, their pH rises to make them easier targets for other cancer therapies. This demonstrates how CO₂ is also medicine and a measure of health when present in the blood in sufficient quantities. When carbon dioxide levels fall in the blood, so does oxygen.

Sodium Bicarbonate can rapidly alkalize your body far more effectively than diet, but it is not the best form to be continued long-term because of the excess sodium. Magnesium Bicarbonate has no such problems and can be used long-term. The truth is that magnesium

is more difficult to absorb into the body unless it is attached to a bicarbonate ion. That is why people feel an extra kick from taking magnesium bicarbonate in their drinking water.

Ten days Detox Cleanse with Sodium Bicarbonate



I received a brief testimonial from a reader who started by saying:

“I am not ill. But recently decided to embark on a very simple 10-day Sodium Bicarbonate cleanse. I have been fasting & cleansing for over 40 years, so I know my body responds quite well. However, I had never before done a Sodium Bicarbonate (baking soda) cleanse. It was a thrilling ten days.”

He briefly described how he ingested baking soda and molasses at a rate generally only recommended for people treating their cancer, bringing his pH up over 8. He reported:

“Every cell felt like it was being wrung out like a sponge & fluids moving like a river to be eliminated. Every cell felt vibrantly alive & vital throughout the whole body. In the days immediately afterward, my body, mind, and heart feel light, free, and serene, relaxed, at ease, joyful, grateful, and astonished at what was accomplished.”

Being a very healthy man, he fared very well but cautioned others in attempting this.

Seven Reasons Why Alkaline Water Is The Most Wonderful Thing Money Can Buy



I am not talking about high pH water I am talking about water with high alkalinity (the power of pH). There is a significant difference. You can have high pH water at 11 with very little alkalinity and high pH water at only 8, with enough alkalinity to neutralize acids and toxins and plenty to raise oxygen delivery to the cells. The pH of water is not the indicator of its capacity for neutralizing acid. Alkalinity is the indicator of the water's capacity to neutralize the acid.

This is one of the most important essays I am ever going to write, and for the first time, I am asking my readers to help it go viral. Share this with your friends and family. It is our chance to get something right, to strike back at the evil empire of lies and deceitful ones who feel no shame in hurting men, women, and children everywhere.

In a recent health and medical hit piece in Forbes Magazine by Dr. Nina Shapiro, we are told Seven Reasons Why Alkaline Water Is Basically A Waste Of Money. Like all hit pieces, it is very superficial. Yet this one hits below the belt and needs to be confronted.

Dr. Shaprio would have been safer if she had talked about high pH water. Still, she hangs herself, saying, "Most alkaline waters lie in the pH range of 8 or 9, due to the addition of minerals such as calcium, magnesium, and potassium-- certainly in the safe range, to most everything but your wallet. And in some cases, your kidneys."

It is hard to believe that a reputable magazine like Forbes would print a snow job that will quickly contribute to many people's deaths. Let us start with magnesium. The absolute best way of getting magnesium into one's system, that vital mineral that helps people avoid heart attacks, diabetes, metabolic syndrome, and even cancer, is in one's water. But that would mean alkaline water isn't a waste of money.

A Tufts University study led by Adela Hruby found that healthy people with the highest magnesium intake were 37% less likely to develop high blood sugar or excess circulating

insulin, common precursors to diabetes. Among people who already had those conditions, those who consumed the most magnesium were 32% less likely to develop diabetes than those consuming the least.

Only half of Americans get the recommended daily amount of magnesium in their diet, which is 400 to 420 milligrams for adult men and 310 to 320 milligrams for adult women. You can find it in whole grains, vegetables, fish, nuts and seeds, and dark chocolate, but when one already has a medical condition, it is impossible to ingest enough food to receive what would be considered a therapeutic dose. There is no established way of fortifying foods with magnesium without adversely affecting texture or flavor. **Magnesium in water is 30% more bio-available than Mg in food.** The food supply has been steadily becoming magnesium-poor since 1909.

But why drink alkaline water with magnesium in it? Paul Mason, famously known as the magnesium librarian, said, “Magnesium deficiency appears to have caused eight million sudden coronary deaths in America during the period 1940-1994”.

Mason wrote, “For decades, the evidence has been overwhelming that Americans are very deficient in magnesium, as evidenced by the 23% shortfall from the RDI. Yet the FDA and DOJ have covered up their blunder, getting a Federal lawsuit dismissed before the evidence could be shown, and keeping silent about the millions of deaths indicated by over 50 epidemiological studies from nine countries. Furthermore, recent studies confirm that water-borne Mg is far better in preventing cardiovascular pathologies than food-borne Mg.”

The US National Academy of Science’s Food & Nutrition Board has established that the average American 14 or older is magnesium-deficient. The typical American diet does NOT provide the RDA of Mg for age 14 or older.

Research shows us now that drinking high concentrations of magnesium in drinking water may protect against hip fractures. In 2010, there were 258,000 hospital admissions for hip fractures among people aged 65 and older. By 2030, the number of hip fractures is projected to reach 289,000, an increase of 12%. One out of five hip fracture patients dies within a year of their injury.

*Magnesium deficiency in children is characterized by excessive
fidgeting, anxious restlessness, psychomotor instability
and learning difficulties in the presence of normal IQ.*

Dr. Mildred Seelig.

Low serum and intracellular magnesium concentrations are associated with insulin resistance, impaired glucose tolerance, and decreased insulin secretion. Magnesium **improves insulin sensitivity**, thus lowering insulin resistance. Magnesium and insulin need each other. Without magnesium, our pancreas won’t secrete enough insulin—or the insulin it secretes won’t be efficient enough—to control our blood sugar.

Magnesium and bicarbonate-rich mineral waters are easily absorbed and have many obvious health benefits that some people would like to ensure we do not enjoy. Magnesium functions as a bicarbonate co-transporter into cells. And bicarbonate acts as a transporter of magnesium into the mitochondria. Magnesium influx is linked with

bicarbonate transport according to the Dietary Reference Intakes guide from the Institute of Medicine. Magnesium transport into or out of cells requires carrier-mediated transport systems (Gunther, 1003; Romani et al., 1993). ATPase reaction has a broad pH optimum centering on neutral pH, which depends on the sufficiency of bicarbonates.

Bicarbonates

Bicarbonate acts to stimulate ATPase. Bicarbonate ions neutralize carbonic acid formed in the body during metabolic processes. Several studies have shown that increased bicarbonate intake may help prevent muscle wasting and bone loss. Our diets are usually acid. Acids burn out our cells and cause accelerated aging. Bicarbonate is alkaline and provides the body with the extra alkalinity needed by the body to neutralize excess acidity.

Simple baking soda is the ideal medicine for mitigating radiation exposure. It helps clear the kidneys of uranium toxicity. It certainly has been used when chemotherapy is administered and during cardiac arrest. It is also the treatment of choice for fungus infections. It addresses CO₂ deficiencies. It helps in efforts to detoxify the body of the thousands of chemicals infecting us. Finally, it is an excellent antiviral pulling the rug out from under the little critters sensitive to pH changes. Most viruses are pH sensitive.

Little to no attention has been paid to analyzing extracellular pH's influence on the immune response. Tissue acidosis (pH 6.0 to 7.0) is usually associated with the course of infectious processes in peripheral tissues. Some studies have shown that the extracellular pH in cancers is typically lower than in normal tissue and that an acidic pH promotes invasive tumor growth in primary and metastatic cancers. The external pH of solid tumors is acidic due to increased glucose metabolism and poor perfusion. Acid pH has been shown to stimulate tumor cell invasion and metastasis.

Moreover, it represents a prominent feature of solid tumors. PH values ranging from 5.7 to 7.0 are usually found in many solid tumors such as breast cancer, brain tumors, sarcomas, malignant melanoma, squamous cell carcinomas, and adenocarcinomas. The innate and adaptive arms of the immune response appear to be finely regulated by extracellular acidosis in the range of pH values found at inflammatory sites and tumors.

Microenvironmental acidity impacts tumor immune surveillance, contributing to immune escape and cancer progression. In addition, anti-tumor effectors such as T and NK cells lose their function when exposed to low pH environments.

What To Do In The First Moments When One Feels A Cold, Flu, or COVID Coming On



My work to help people is to educate them to use ICU and emergency room natural medicines to make them stronger. It surprises people to discover that substances like magnesium, sodium bicarbonate, iodine, selenium, and even vitamin C and D, when used at high dosages, are employed by doctors to save peoples' lives in critical medical emergencies. These same substances can also be used at high dosages every day to treat chronic diseases and even to head infections off at the pass when symptoms first appear.

Yesterday, for example, I came back from Brasilia here in Brazil and woke up with what felt like the beginning of a respiratory infection. I felt a tightness in my chest, some phlegm, and a slight cough. I even felt a tightness in my upper back. What did I do after my morning mediation? I drank several water glasses with bicarbonates and iodine and took ten milligrams of unique lipid-based selenium, 50,000 units of Vitamin D, and 300 milligrams of magnesium chloride. One hour later, sitting here, I feel all clear in my lungs.

My wife thought it would be better to say something like respiratory discomfort because the word "infection" signifies an already installed disease. For me, the first moments of respiratory distress are when a virus is just touching down in one's system. So that would be the accepted view of viral infections, but others like detox and emotional reactions speak of something else.

When infections started, I had always advocated doing breathing exercises using consciousness to clear things when first feeling symptoms, which always worked for me. However, today I forgot that and did things differently.



For sure, I would take off my mask though I rarely use one living as I do deep in nature. The last thing one wants to do when fighting off an infection is to cut down on one's oxygen inhalation, which is what masks do if used for a long enough time. Yet when these defensive interventions do not work, it is time to contemplate more serious interventions.

Today, after using chlorine dioxide for six months, it would be among the first things I would look for in trying to head a cold, flu, and even COVID off at the pass.

The Bicarbonate Miracle and Cancer



Bicarbonates should be included in all cancer patients' protocols. Virtually *every cancer patient will benefit from using sodium bicarbonate* because it universally treats the low oxygen acid conditions found in cancer patients. Sodium bicarbonate shrinks tumors. (Bicarbonate *inhibits spontaneous metastases* (Robey 2009). 'Bicarbonate Increases Tumor pH and Inhibits Spontaneous Metastases' *according to medical scientists*. NaHCO₃ therapy significantly reduced the formation of hepatic metastases following intrasplenic injection, suggesting that it did inhibit extravasation and colonization.

"Studies conducted at the University of Bari in Italy demonstrated that their acidic environment is a hallmark of all tumors, regardless of their origin or background. Tumor progression increased with an acidic pH and hypoxia, or a low oxygen level," writes Dr. Veronique Desaulniers. *The perturbation in pH dynamics* rises early in carcinogenesis and is one of the tumors' most common pathophysiological hallmarks."

"The results of a study suggest that tumor cells do, indeed, perform niche engineering by creating an acidic environment that is non-toxic to the malignant cells but, through its negative effects on normal cells and tissue, promotes local invasion."

Tumor invasion does not occur in regions with normal or near-normal pH. Immunohistochemical analyses revealed that cells in the invasive edges expressed the glucose transporter GLUT-1 and the sodium-hydrogen exchanger NHE-1, both of which were associated with peritumoral acidosis.

In support of the functional importance of our findings, *oral administration of sodium bicarbonate was sufficient to increase peritumoral pH and inhibit tumor growth* and local invasion in a preclinical model, supporting the acid-mediated invasion hypothesis.

Increased systemic concentrations of pH buffers lead to reduced intratumoral and peritumoral acidosis. Oral NaHCO₃ selectively increased the pH of tumors and reduced the formation of spontaneous metastases in mouse models of metastatic breast cancer. NaHCO₃ therapy also reduced the rate of lymph node involvement and significantly reduced the appearance of hepatic metastases. In addition, acid pH increased the release of active cathepsin B, an essential matrix remodeling protease.

Little to no attention has been paid to analyzing the influence of extracellular pH on the immune response. Tissue acidosis (pH 6.0 to 7.0) is usually associated with infectious processes in peripheral tissues. Several studies have shown that the extracellular pH in cancers is typically lower than in normal tissue. An acidic pH promotes invasive tumor growth in primary and metastatic cancers. The external pH of solid tumors is acidic due to increased glucose metabolism and poor perfusion. Acid pH stimulates tumor cell invasion and metastasis.

Moreover, it represents a prominent feature of solid tumors. pH values ranging from 5.7 to 7.0 are in many solid tumors such as breast cancer, brain tumors, sarcomas, malignant melanoma, squamous cell carcinomas, and adenocarcinomas. Microenvironmental acidity impacts tumor immune surveillance, contributing to immune escape and cancer progression. In addition, anti-tumor effectors such as T and NK cells lose their function when exposed to low pH environments.

There is a host of natural compounds that cancer cells do not like. Their worst nightmare is bicarbonates, which crimp cancers hostility and ability to destroy surrounding healthy tissues. Bicarbonates' beneficial conditions can slow cancer down and even destroy cancer cells.

Sodium bicarbonate is a beautiful cancer treatment because it directly increases CO₂ levels in the blood. Cancer tumors respond to increased CO₂ in a way that does not favor their continued growth.

Sodium Bicarbonate (NaHCO₃) is a natural substance used in the human body to regulate pH. Bicarbonate affects the pH of cells and tissues, balances cell voltage, and helps with oxygenation by increasing CO₂ levels in the blood. The use of bicarbonates is a real breakthrough in cancer treatment.

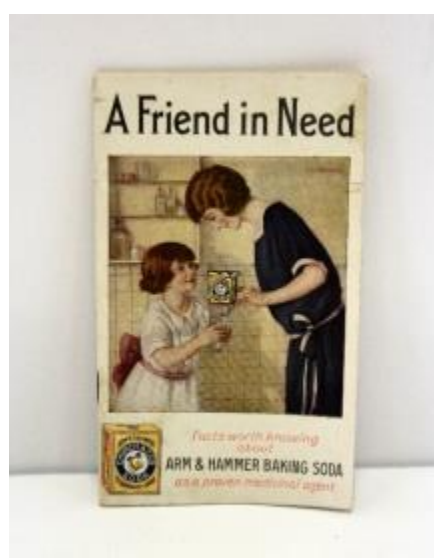
At about three dollars a pound, sodium bicarbonate will outperform chemotherapy and radiation treatments because it targets acidity and low oxygen conditions. In addition, treating cancer with bicarbonates treats the fundamental reasons cancer cells form and get aggressive, so it's medically sound therapy.

Chemo and radiation create a lot of oxidative stress, acidity, inflammation, and low oxygen conditions; bicarbonates clean up the mess these toxic treatments make.



The reason for modern medicine's inability to stem the tide of cancer deaths starts in medical school and the unwillingness to understand carbon dioxide and pH medicine and why hypoxia (low oxygen conditions) are at the root of cancer. Baking soda has always been one of the biggest threats to the pharmaceutical industry because it's affordable, accessible, and effective.

Baking Soda is good. It is a gift from nature, a gift from God. It can be our best friend, as the Arm and Hammer Baking Soda Company has been saying since 1925 in a book they put out about the medical uses of this simple substance.



The Overwhelming Science

The first lesson on why sodium bicarbonate is a necessary and possibly essential medicine for cancer patients comes from Dr. Yandell Henderson. In 1940 he wrote, "Another natural misconception is that oxygen and carbon dioxide are so far antagonistic that a gain of one in the blood necessarily involves a corresponding loss of the other. On the contrary, although each tends to raise the pressure and thus promote the diffusion of the other, the two gases are held and transported in the blood by different means; oxygen is carried by the hemoglobin in the corpuscles, while carbon dioxide is combined with alkali in the plasma. A blood sample may be high or low in both gases. *Under clinical conditions, low oxygen and low carbon dioxide generally occur together. Therapeutic increase of carbon dioxide, by inhalation of this gas diluted in air, is often an effective means of improving the oxygenation of the blood and tissues.*"

The necessary second lesson: "But nobody today can say that one does not know what cancer and its prime cause be. On the contrary, there is no disease whose prime cause is better known, so that today ignorance is no longer an excuse," said Nobel Prize Winner Otto Warburg in a meeting of Nobel Laureates on June 30, 1966. Warburg is considered one of the 20th century's leading biochemists. He was the sole recipient of the Nobel Prize in Physiology or Medicine in 1931. He was nominated for the award 47 times throughout his career.

Not understanding how acid and low oxygen conditions influence cancer is not to understand cancer. Over 80 years ago, **Warburg showed that cells could always be cancerous by subjecting them to hypoxia.** However, cancer cells survive by utilizing an advantageous process in low oxygen environments. Before we go on, remember that low CO₂ brings on low O₂ and that sodium bicarbonate gives us instant access to more CO₂ and thus more oxygen.

"The Secret of Life is both to feed and nourish the cells and let them flush their waste and toxins," according to Dr. Alexis Carrell, Nobel Prize recipient in 1912. Warburg said, "If our internal environment was changed from an acidic oxygen-deprived environment to an alkaline environment full of oxygen, viruses, bacteria, and fungus cannot live."



Researchers at The University of Texas MD Anderson Cancer Center have unearthed a previously unknown phenomenon. They found that critical regulatory molecules are decreased when *oxygen deprivation leads to increased cancer progression in vitro and in vivo.*

The most critical factor in creating proper pH is increasing oxygen because no waste or toxins can leave the body without combining with oxygen. *The more alkaline you are, the more oxygen your fluids can hold and keep.* Oxygen also buffers/oxidizes metabolic waste acids helping to keep you more alkaline. The quickest way to increase oxygen and pH is by administering sodium bicarbonate. That is why bicarbonate has always been a mainstay for emergency room and intensive care medicine. It works quickly.

It is challenging for doctors and all health practitioners to realize that carbon dioxide is, in fact, a more fundamental component of living matter than oxygen. Carbon dioxide gas makes plants grow. It is a life gas, not a deadly gas.

You can treat cancer with it because increased systemic concentrations of pH buffers lead to reduced intratumoral and peritumoral acidosis, and, as a result, this inhibits the malignant growth of cancer.

How do you treat cancer with carbon dioxide? First, put plenty of bicarbonates in your drinking water. Then, take bicarbonate baths—nebulize bicarbonate into the lungs—under some conditions, administer it intravenously and bathe internal organs during surgery.

If a carbon dioxide deficiency continues for a long time, it can be responsible for diseases, aging, and cancer. Ancient forms of medicine knew that good breathing habits must be formed for increased vitality and freedom from disease. They knew that poor breathing reduces our energy and opens the door to illness, and now we know that too fast breathing drives down CO₂ levels in the blood. Good to know that 70 years ago, the medical norm

for breathing was eight breaths a minute and that everyone breaths much faster than that now.

Bicarbonates Treat Cancer

"I bought your book, *Sodium Bicarbonate - Rich Man's Poor Man's Cancer Treatment*, after letting doctors treat my prostate cancer with extensive radiation. Then I developed colon cancer. The doctors wanted to remove almost half of my colon. I said no way. I used the protocol outlined in the bicarbonate book for 21 days, which completely rid me of my colon cancer. I am certain that I will never have cancer anywhere in my body as I am certain that the sun will come up tomorrow, wrote Greg Goss, whose full story is [here](#). Greg said, "I need to update the blog as I also cured my arthritis and diabetes and some other minor ailments."

Our body's pH is critical because pH controls the speed of our body's biochemical reactions. It does this by controlling the speed of enzyme activity and how electricity moves through our body; the higher (more alkaline) the pH of a substance or solution, the more electrical resistance it holds. Therefore, electricity travels slower with higher pH. So if we say something has an acid pH, we are saying it is hot and fast. Alkaline pH, on the other hand, biochemically speaking, is slow and cool.

Nothing Like Bicarbonate for Cancer

The Science Part Two



A new Ludwig Cancer Research study said, "If you want to clean cancer's clock—that is, defeat it decisively—you may want to *really* clean it—that is, restore it to proper working order. Only cancer cells that remain active, in sympathy with the tick-tock of their internal circadian mechanisms, remain susceptible to cancer therapies. So, how might these circadian mechanisms be kept in motion? Sodium bicarbonate now promises to awaken cancer cells that have gone to sleep deep inside tumors, where oxygen deprivation and acidic conditions go hand in hand. By buffering against acidification, sodium bicarbonate rescues circadian oscillation."

You can think of the circadian cycle as a sort of internal clock of your body regulating many different mechanisms. The cycle starts over about every 24 hours (hence the term "circadian," coming from Latin circa "about" and dies "day"), and among its many functions, it tells cells when they're supposed to produce and consume nutrients. Healthy cells are normally allowed to do so for about 12 hours a day to prevent them from being overwhelmed by a flood of excessive nutrients."

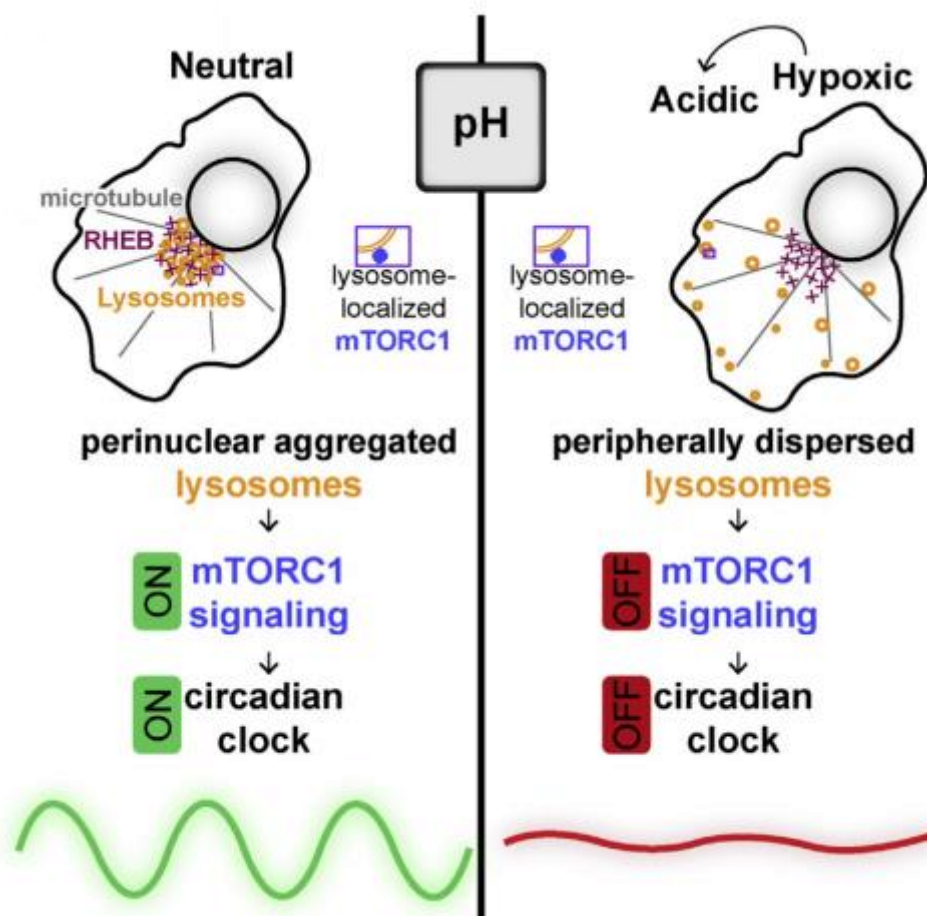
Acidic conditions in tissues shut off a lot of things.

Dr. Chi Van Dang

"To keep dividing indefinitely, cancer cells cannot afford the periodic fasting imposed by the circadian rhythm; before they can divide, they need to grow, and in order to grow, they need nutrients. Therefore, the furiously paced division requires furiously paced nutrient intake. Hence, all cancers evolve strategies to get around the circadian limitation."

Buffering against acidification or inhibiting lactic acid production fully rescues circadian oscillation.

Ludwig Institute for Cancer



When bicarbonate is given to mice in their drinking water, it **neutralizes hypoxic patches' acidity in tumors**. This sends lysosomes zipping back to the nuclear periphery in cells -- where RHEB was waiting -- and restores mTOR activity. "Cells don't want to make proteins or other biomolecules when they're under stress," says Dang. "They want to slow things down and only awaken when things return to normal."

Acidification, the Ludwig researchers report, essentially disengages some of the elements that keep the cell's circadian clock ticking. This acid-mediated effect, the researchers assert, can be reversed by sodium bicarbonate. When they gave tumor-xenografted mice water that had been supplemented with sodium bicarbonate, the acidity of hypoxic patches in the tumors was neutralized.

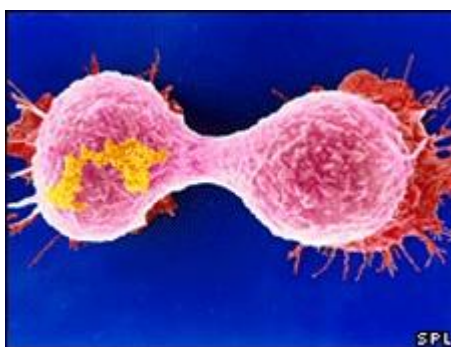
The study was presented on May 31, 2018, in the journal *Cell*, in an article entitled '[Acid Suspends the Circadian Clock in Hypoxia through Inhibition of mTOR](#).' "Unexpectedly, we uncovered a profound disruption of the circadian clock and diurnal transcriptome [when hypoxic cells are permitted to acidify to recapitulate the tumor micro-environment](#)," the article states. "Buffering against acidification or inhibiting lactic acid production [fully rescues circadian oscillation](#)."

The study's authors, led by Chi Van Dang, M.D., Ph.D., scientific director of the Ludwig Institute, conclude that acid produced during the cellular metabolic response to hypoxia suppresses the circadian clock through the diminished translation of clock constituents. Dr. Dang, a professor in the Molecular and Cellular Oncogenesis Program at The Wistar Institute, said, "But if you add baking soda to the drinking water given to those mice, the entire tumor lights up with mTOR activity. So the prediction would be that by reawakening these cells, you could make the tumor far more sensitive to therapy."

The Ludwig study details how in response to acidity, cells **turn off** a critical molecular switch known as mTORC1 that, in ordinary conditions, gauges the availability of nutrients before giving cells the green light to grow and divide. That shuts down cell proteins' production, disrupting their metabolic activity and **circadian clocks**, pushing them into a quiescent state.

"We started with a question about oxygen starvation and the circadian clock, and we ended up discovering a new mechanism by which acidic conditions in tissues shut off a lot of things—including the cell's molecular clock," muses Dang.

The finding that something as simple as baking soda could reverse this effect and render quiescent cancer cells susceptible to cancer therapies excited Dang. "The concept is so easy," he says. "It's not some \$100,000 per year drug. It's literally just baking soda." Using MRI, medical scientists have seen how much-tagged bicarbonate is converted into carbon dioxide within tumors. Likewise, more bicarbonate is converted into carbon dioxide in more acidic tumors.



Cancer cells have a lower pH than surrounding tissue.

Other research points out that bicarbonate can also be used to diagnose cancer in its earliest stages. We know that bicarbonate turns into CO₂ easily when in contact with acid, but few know that **cancerous tissue turns bicarbonate into carbon dioxide**. A few years ago, a United Kingdom Cancer Research team found MRI scans could track changes in bicarbonate and therefore identify cancers even in the very early stages.

Working with mice, the researchers boosted the MRI sensitivity more than 20,000 times. They used MRI to see how much of the tagged bicarbonate was converted into carbon dioxide within the tumor. In more acidic tumors, more bicarbonate is converted into carbon dioxide.

Lead researcher Professor Kevin Brindle, from Cancer Research U.K.'s Cambridge Research Institute at the University of Cambridge, said: "This technique could be used as a highly-sensitive early warning system for the signs of cancer. By exploiting the body's

natural pH balancing system, we have found a potentially safe way to measure pH to see what's happening inside patients. MRI can pick up on the abnormal pH levels found in cancer, and it is possible that this could be used to pinpoint where the disease is present and when it is responding to treatment."

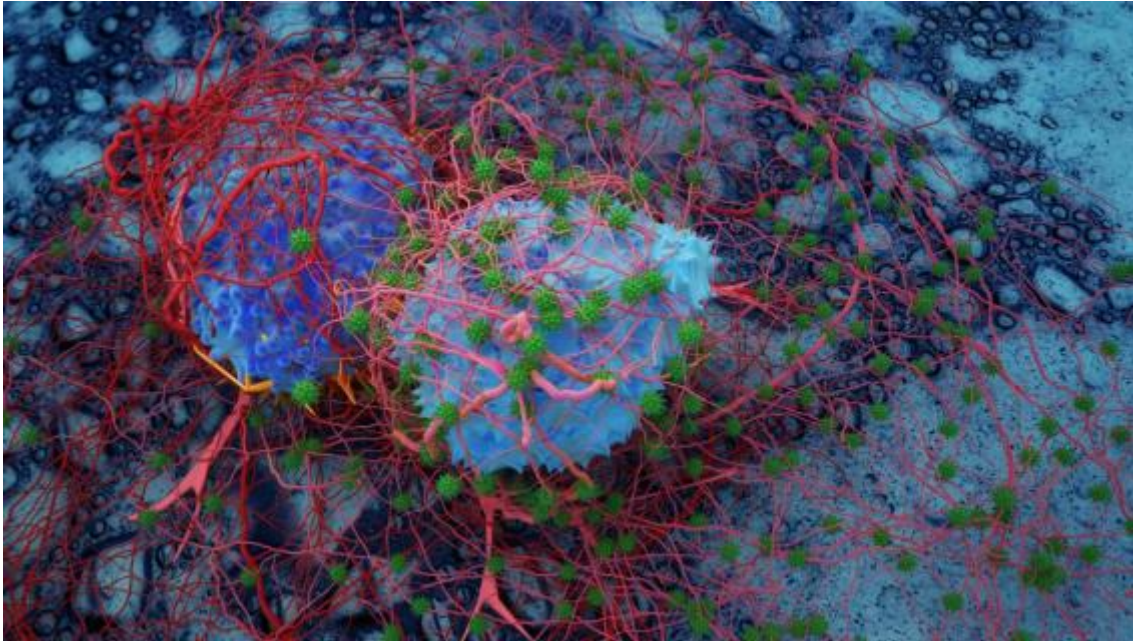
Affecting the pH of the Extracellular Matrix Surrounding Tumors



The cells' surroundings, known as their microenvironment, contribute to how cancer occurs and grows. Cancer involves an interaction between rogue cells and surrounding tissue. A clear message of Dr. Mina Bissell, the director of life sciences at the Lawrence Berkeley National Lab in California (LBNL), is cancer cells cannot turn into lethal tumors without the cooperation of other cells nearby.

That may be why autopsies repeatedly find that most people who die of causes other than cancer have at least some tiny tumors in their bodies that had gone unnoticed. According to current thinking, the tumors were kept in check, causing no harm.

The interactions between cancer cells and their micro and macro environment create a context that promotes tumor growth and protects them from immune attacks. In addition, the surrounding extracellular matrix interacts to shape cancer cell behaviors such as polarity, migration, and proliferation.



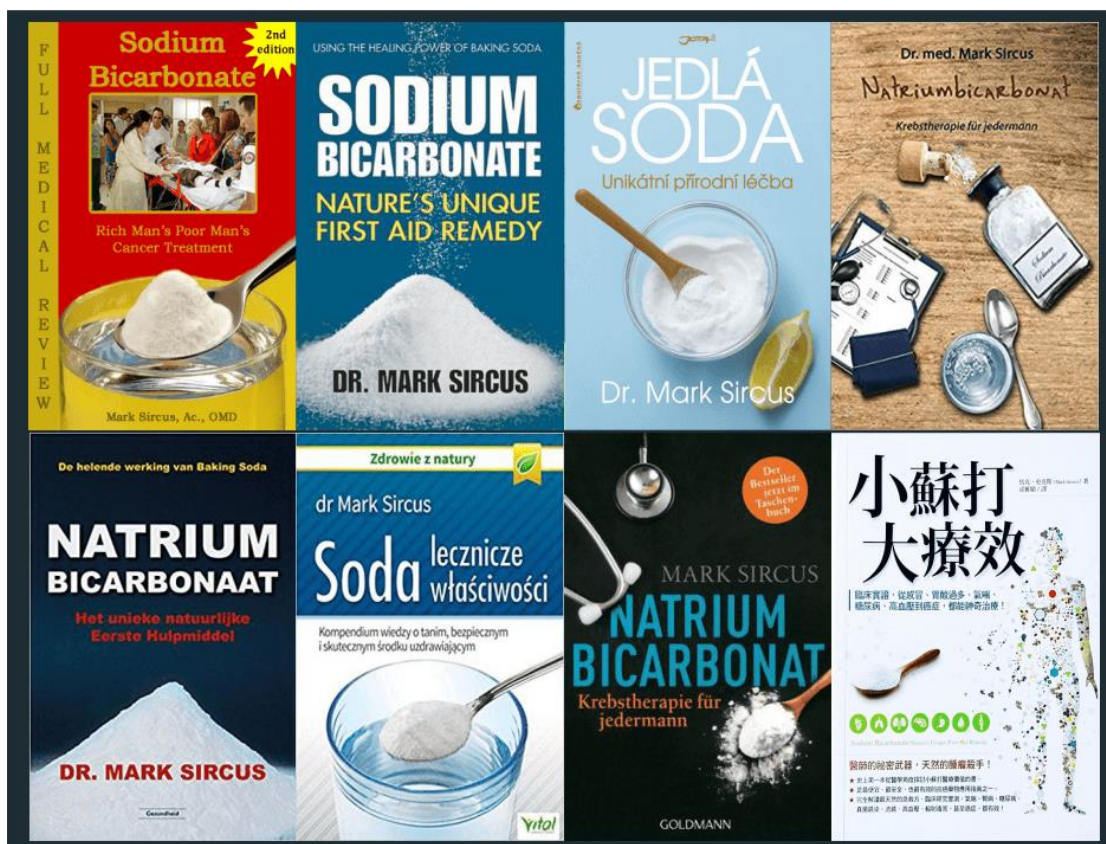
A new study explores how an acidic environment drives tumor spread.

Researchers at the Massachusetts Institute of Technology (MIT) in Cambridge found that acidic, or low-pH, tumor regions alter gene expression in cancer cells in ways that make them more aggressive. The "malignant progression of cancer" depends on cancerous cells participating in an "intricate network of interactions" with other parts of the tissue surrounding them, the tumor microenvironment. Reducing the acidity of the tumor microenvironment returned the gene expressions almost to normal. The researchers reduced tumor acidity in the mice by adding sodium bicarbonate to their drinking water. Other studies have also found that this reduces metastasis in mice.

However, senior study author Frank B. Gertler, a biology professor at MIT, says humans do not tolerate sodium bicarbonate. So it would not be a suitable potential treatment for them. One has to wonder what planet he lives on. Sodium bicarbonate is available in every drug store and supermarket globally, used by millions for decades before Gertler was born.

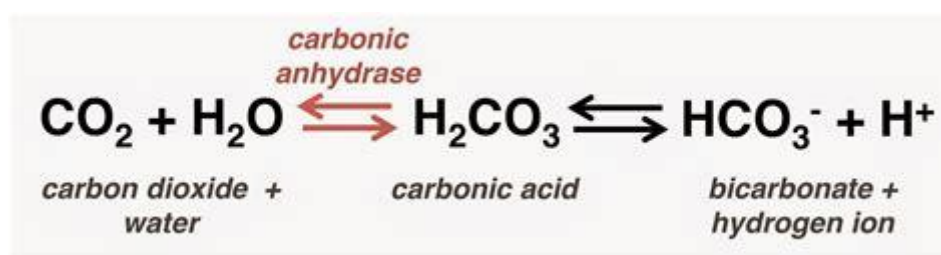
The H. Lee Moffitt Cancer Center & Research Institute confirms that neutralizing the acidic tumor environment increases the efficacy of several immune-targeting cancer therapies. They found that sodium bicarbonate combined with PD-1 or CTLA-4 Inhibitors or adoptive T-cell transfer reduces melanoma and pancreatic tumor growth.

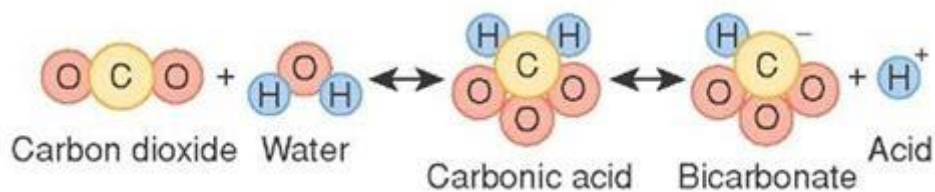
Forgotten Medicines – Sodium, Potassium, and Magnesium Bicarbonate



One of the greatest tragedies in medicine and health is that bicarbonate is overlooked as the cheapest, safest, and most effective essential medicine. We could say the same about magnesium (mg), but this critical mineral has much more coverage. Bicarbonate medicine is serious medicine. It is lifesaving medicine. It is used in ICU, emergency rooms, and ambulances. It can be beneficial when treating cancer, diabetes, sepsis, neurological diseases, and everything else under the sun.

Sodium Bicarbonate Rich Man's Poor Man's Cancer Treatment was the first full medical review of sodium bicarbonate in the history of medicine. It changed how we think about baking soda, practice medicine, and care for and protect our children. My book's earlier editions emphasized sodium bicarbonate because medical history is familiar with this form, and has been saving lives for over 100 years.





Carbon dioxide is transported in the blood in three forms: dissolved in plasma, bicarbonate, and coupled to proteins in the form of carbamino compounds. Bicarbonate represents the most significant fraction of the CO₂ in the blood (~88%). The **bicarbonate buffer system** is an acid-base homeostatic mechanism involving the balance of carbonic acid (H₂CO₃), bicarbonate ion (HCO⁻), and carbon dioxide (CO₂) to maintain pH in the blood and duodenum, among other tissues, and **to support proper metabolic function**. Catalyzed by carbonic anhydrase, carbon dioxide (CO₂) reacts with water (H₂O) to form carbonic acid (H₂CO₃), which in turn rapidly dissociates to form a bicarbonate ion (HCO⁻) and a hydrogen ion (H⁺).

The above paragraph's keywords 'metabolic function' says much about chronic disease, especially metabolic dysfunction, diabetes, and cancer. Most normal people and all people suffering from chronic illness are deficient in bicarbonates in the blood, which means they suffer from CO₂ deficiency. One main reason people are low in CO₂, and thus bicarbonate, is that they breathe too fast and blow out too much CO₂. Bicarbonates help address this problem with near-instant results, which is a wonderfully good thing because it raises oxygen levels and cell voltage and helps cells get rid of toxins.

Bicarbonates have become essential because we live in a toxic world. For cancer patients, diabetes, viral infections, and all medical situations, bicarbonates should be employed no matter what. Of course, we already know that everyone needs to breathe. But if we are not breathing correctly, which is just about everyone, the perfect medicine to address this is bicarbonates.

Bicarbonate acts to stimulate the ATPase by working directly on it.^x In addition, bicarbonate ions neutralize carbonic acid formed in the body during metabolic processes. Several studies have shown that increased bicarbonate intake may help prevent muscle wasting and bone loss.

Our diets are usually acid. Acids burn out our cells and cause accelerated aging. Bicarbonate is alkaline and provides the body with the extra alkalinity needed by the body to neutralize acidity.

Simple baking soda is the ideal medicine for mitigating radiation exposure. It helps clear the kidneys of uranium toxicity. It certainly has been used when chemotherapy is administered and during cardiac arrest. It is also the treatment for fungus infections besides chlorine dioxide and iodine. It addresses CO₂ deficiencies. It helps in efforts to

detoxify the body of the thousands of chemicals infecting us. Finally, it is an excellent antiviral pulling the rug out from under the little critters sensitive to pH changes. Most viruses are pH-sensitive.

The pH of our tissues and body fluids mirrors the state of our health.

Little to no attention has been paid to analyzing the influence of extracellular pH on the immune response. Tissue acidosis (pH 6.0 to 7.0) is usually associated with infectious processes in peripheral tissues.

Several studies have shown that the extracellular pH in cancers is typically lower than in normal tissue. An acidic pH promotes invasive tumor growth in primary and metastatic cancers. The external pH of solid tumors is acidic due to increased glucose metabolism and poor perfusion. Acid pH stimulates tumor cell invasion and metastasis.

Moreover, it represents a prominent feature of solid tumors. pH values ranging from 5.7 to 7.0 are in many solid tumors such as breast cancer, brain tumors, sarcomas, malignant melanoma, squamous cell carcinomas, and adenocarcinomas. Microenvironmental acidity impacts tumor immune surveillance, contributing to immune escape and cancer progression. In addition, anti-tumor effectors such as T and NK cells lose their function when exposed to low pH environments.

There is a host of natural compounds that cancer cells do not like. Their worst nightmare, though, is bicarbonates, which crimp cancers hostility and ability to destroy surrounding healthy tissues. Bicarbonates' beneficial conditions can slow cancer down and even destroy cancer cells.

Alkaline Tissues Hold More Oxygen

According to Annelie Pompe, a prominent mountaineer and world-champion free diver, alkaline tissues can hold up to 20 times more oxygen than acidic ones. When our body cells and tissue are acidic (below pH of 6.5-7.0), they lose their ability to exchange oxygen, and cancer cells love that. Researchers found that an increase of 1.2 metabolic units (oxygen consumption) was related to a decreased risk of cancer death, especially in lung and gastrointestinal cancers.

Dr. Robert J. Gillies and his colleagues have already demonstrated that pre-treatment of mice with baking soda alkalizes the area around tumors. In addition, the same researchers reported that bicarbonate increases tumor pH and inhibits spontaneous metastases in mice with breast cancer. It also reduces the rate of lymph node involvement.

Cells function in a narrow range of pH. They become cancerous when they get too far out of that comfort zone. When cells lose their oxygen, they are losing their pH and voltage at the same time. When cell voltage is low and oxygen decreases, we see an increase of anaerobic bacteria in the gut, thriving in the low-oxygen environment.

It is essential to understand that the voltage of cells and tissues is synonymous with their pH. The lower the voltage goes, the lower the pH goes, and the lower oxygen levels go.

Therefore, wherever the body has low voltage, the cells begin to have problems that worsen the lower the voltage (pH).

Water expert Robert Slovak wrote, "Baking soda is still beloved! It delivers the goods - real alkalinity - while most popular alkaline pH drops from well-known "health experts" are a hoax at \$35-\$40 for pennies worth of caustic chemical in 2oz of water. Also, for some people baking soda (sodium bicarbonate) may supply too much sodium, so they can substitute potassium bicarbonate or mix the two."

Bottom line—if you want to live longer and be healthier, use sodium, magnesium, and potassium bicarbonate regularly. This is not a casual recommendation; research published recently in the Clinical Journal of the American Society of Nephrology found that having balanced bicarbonate levels in your body reduces the chances of early death. The study examined data compiled in the Health, Aging, and Body Composition Study for 2,287 participants.

Deeper Understanding Cell Voltage, pH, and Oxygen Levels

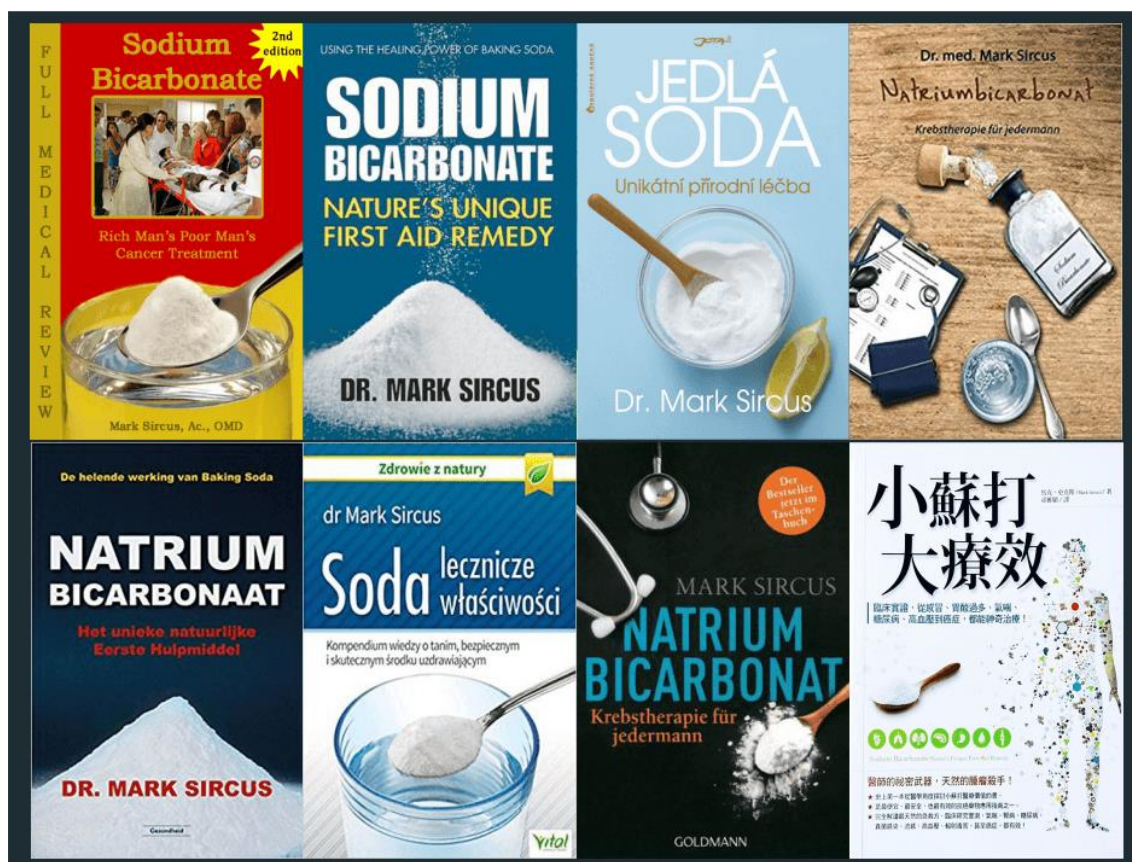
Wherever the body has low voltage, the cells begin to have problems that get more serious the lower the voltage (pH). The lower the voltage, the lower the pH and oxygen levels, which means CO₂ levels are going south. Chronic disease is associated with loss of voltage, lower pH values (acid conditions), and low O₂ and CO₂ levels. This means that alkaline tissues have more oxygen in them.

Voltage drops wherever the body becomes acidic, as do tissue oxygen levels. What is pH, after all? It is ultimately a measure of redox potential. Redox potential is a measure of whether electrons are available in surplus (and thus are “electron donors”) or whether electrons are deficient (and thus are “electron stealers”). Electrons are necessary for life and health and in high quantities for healing and the growth of new cells.

Dr. David Brownstein wrote, “The human body constantly removes old and injured cells and replaces them with healthy new ones. This process can only occur if the voltage of the cells is maintained at an optimal level. This process works more effectively when we are young than when we are older. In the body (or in a solution), **voltage is a direct reflection of pH**, a measure of the degree of acidity or alkalinity of a solution, measured on a scale of 1 to 14. **The human body’s pH level is a direct reflection of its voltage.** A low pH reading (highly acidic) indicates a low voltage state. Conversely, a high pH reading (highly alkaline) means a high voltage state.”

The amount of oxygen in cells is determined by voltage. If a cell has adequate voltage, it will also have sufficient oxygen. If cellular voltage is low, the amount of oxygen in the tissues will be low. This applies to metabolism as well. When voltage and oxygen are low, metabolism becomes anaerobic, which means oxygen is unavailable.

The Bicarbonate Miracle



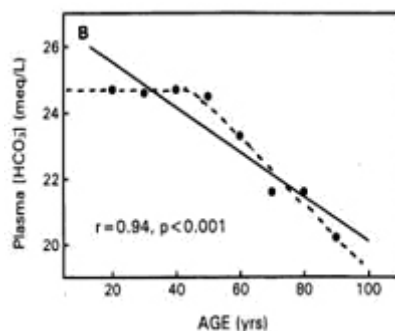
Sodium, potassium, and magnesium bicarbonate are miracle medicines not because of mumbo jumbo but because of hard medical science, medical history, and basic physiology. However, no matter what anyone says or thinks about sodium bicarbonate, simple baking soda is still used in ICU departments, emergency rooms, and ambulances to save lives daily. Therefore, the urge to give bicarbonate to patients should be irresistible, even to cancer and diabetic patients who need it the most.

Sodium bicarbonate (NaHCO_3) is a natural compound found throughout nature—in the ocean, in the soil, in our foods, and in our bodies. Baking soda is a neutralizer of many other compounds, making it extremely helpful as a medicine in this age of toxicity that we are all presently living in.

Something as simple as baking soda can give almost instant relief to many medical problems because of its ability to raise oxygen levels and cell voltage. Sodium bicarbonate is serious lifesaving medicine. Appropriate bicarbonate levels are just as crucial as hydration, proper breathing (getting enough oxygen), staying warm, maintaining healthy pH (high oxygen status), and optimal nutrition.

Dr. Lynda Frassetto of the University of California, San Francisco, says, "*Insufficient amount of bicarbonates in our blood reduces our capabilities to manage (neutralize and dump) the acid our body produces.*" This is the cause of aging. The age of 45 is the average age when humans start to show symptoms of diabetes, hypertension, osteoporosis, and

many other adult degenerative diseases. And since we cannot manage the acid, we accumulate acidic wastes in our bodies. These wastes show up as cholesterol, fatty acid, uric acid, urate, sulfate, phosphate, kidney stones, etc."



Dr. Frassetto attributes the reduction of bicarbonates in the blood as we age to generations of modern American diets. However, she also points out in another paper that the average diet today is high in sodium and low in potassium, contrary to the human body's original genetic makeup.

*It is this reduction of bicarbonates
in the blood that affects blood flow.*

In Love with CO₂ and Bicarbonates

Our life and health depend on having enough CO₂ in the blood and tissues. Carbon dioxide is a nutrient and a product of respiration. Its lack or deficiency is a starting point for many disturbances in the body.

It is imperative to note that CO₂ is bicarbonate's twin sister. When we take bicarbonate, the acid in the stomach or lemon in the glass turns bicarbonates into CO₂. We see a constant and ultra-fast interaction between bicarbonate and CO₂ in the blood. To understand bicarbonate medicine and why it is as powerful and essential as it is, one must appreciate CO₂ physiology.

Public opinion thinks of carbon dioxide as a waste product or even a poison. (It is sometimes confused with carbon monoxide, a poison). In the 19th century, Zuntz, in Berlin, recognized that carbon dioxide, unlike oxygen, is not carried by hemoglobin. He showed that carbon dioxide is combined with bases, chiefly sodium bicarbonate, which plays a part in acid-alkaline balance in the blood. Most of the carbon dioxide dissolved in the plasma is a simple solution combined with alkali into the bicarbonates.

*In medicine, up to 5% of carbon dioxide is added to
pure oxygen for stimulation of breathing after
apnea and to stabilize the O₂/CO₂ balance in the blood.*

Drs. Jeffrey Kraut & Nicolaos Madias write, "Acute metabolic acidosis is associated with increased morbidity and mortality because of its depressive effects on cardiovascular function, facilitation of cardiac arrhythmias, stimulation of inflammation, suppression of the immune response, and other adverse effects."

Drs. Sandra Sabatini and Neil A. Kurtzman say, "A fall in extracellular and intracellular pH can affect cellular function via different mechanisms. Therefore, treatment should be directed at improving both parameters. Therefore, in addition to supportive measures, treatment has included base administration, primarily in sodium bicarbonate."

Since our body is about 80 to 99% water (depending on how you count), consuming bicarbonates and magnesium will directly affect the quality of this water in our bodies. Dr. Gerald Pollack is a Professor of Bioengineering at the University of Washington. He says that the previous 60 to 70 percent estimate of the human body's water content was based on the volume of water in the body as a percentage of the body's total volume. Pollack revised his estimate based on the percentage of individual water molecules in the body compared to the total number of molecules. By the molecule method of calculation, the human body's water percentage becomes a whopping 99%.

Pollack's assertion that water is more important to the human body than previously realized supports Sharon Kleyne's theory that the lack of adequate water in the body, also known as "dehydration," is ultimately responsible for most disease processes. Kleyne and Pollack agreed that studying disease and body functioning without water in the equation makes little sense.

So treating water makes sense, and the best way to drink water is with magnesium bicarbonate in the water. The second best way is with an inexpensive product called pH Adjust, a combination of sodium bicarbonate, potassium bicarbonate, and magnesium carbonate. Ingesting bicarbonates and magnesium with water is the simplest way to achieve an ideal pH balance in the body. It is important to note that adding these minerals will make your water alkaline in a far better way than any alkaline water machine that creates high pH water with slight alkalinity.

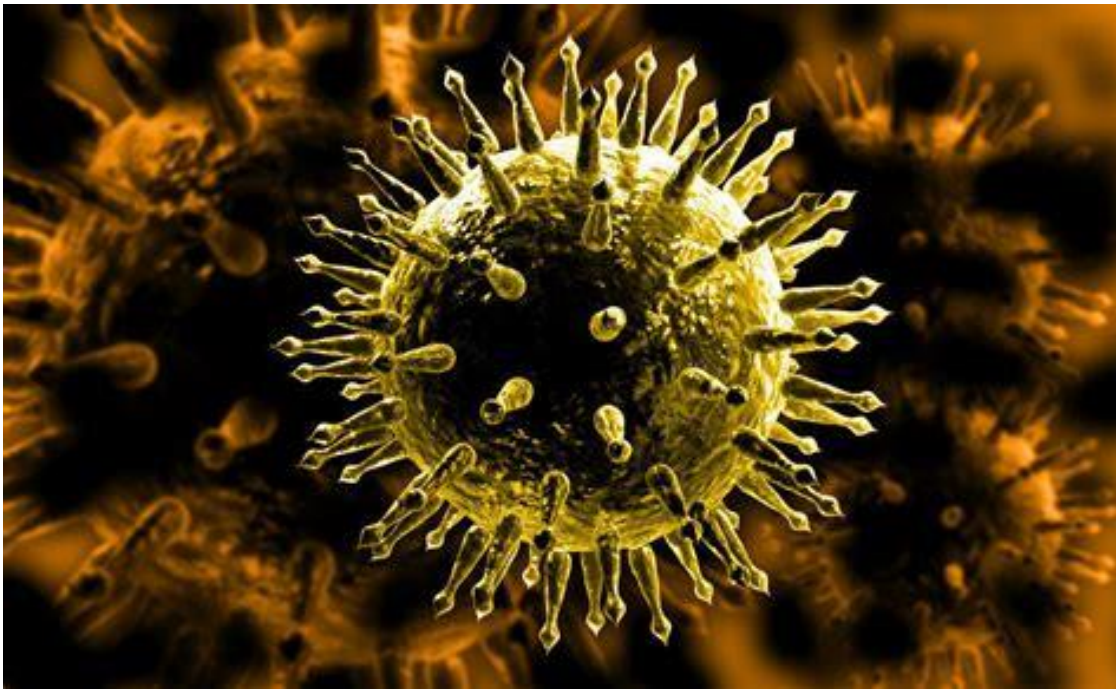
When we take bicarbonates:

- Increases elimination of toxins and wastes
- Increases absorption of nutrients
- Acts as a scavenger of free radicals
- Reduces inflammation
- Helpful with skin conditions
- Increases CO₂ and bicarbonate concentrations in the blood.
- Increases Oxygen Carrying Capacity and Delivery
- Anti-Aging
- Excellent Kidney Health
- Preventive Cancer Treatment

High alkaline magnesium/bicarbonate water increases digestion and nutrient absorption, increasing energy levels and detoxifying the cells. One of the main functions of water is to carry harmful acidic waste products; but, with the accumulation of acidic waste from

polluted air, water, and food, combined with the everyday toxins created by the metabolic processes of the human body, we are finding it harder and harder to maintain the proper pH balance and eliminating the toxins.

Viruses are pH-Sensitive



Special Note: This chapter assumes that the Germ Theory of disease is correct. However, even if viruses, which are not living matter, come from inside the cell and are called exosomes, the application of bicarbonate would still have the same effect. Exosomes are small, single-membrane, secreted organelles of ~30 to ~200 nm in diameter that have the same topology as the cell and are enriched in selected proteins, lipids, nucleic acids, and glycoconjugates.

The most overlooked aspect of the coronavirus pandemic is that most viruses are pH-sensitive. pH medicine offers a key to treating viral infections that is easy, safe, and inexpensive. Shifting a patient's pH, combined with high dosages of vitamin C, is the appropriate foundation for home and hospital care.

Researchers at the Massachusetts General Hospital (MGH) in the US have uncovered the 'Achilles' heel' of most viruses that plague humanity is on target. Some vulnerabilities can be exploited but what they look at is not practical or helpful in our fight against viral infections. The so-called 'Achilles heel' (or vulnerable point) of most viruses is pH, cell voltage, and oxygen levels. pH is a measurement for voltage and oxygen saturation. Coronavirus needs a slightly acidic pH to penetrate the cell.

The simple alkalinization of the blood reduces the cells' susceptibility to the virus. The ability of the influenza virus to release its genome under different acidic conditions is linked by medical science to the transmission of the influenza virus. The threshold pH at which fusion is first observed can vary among different serotypes of membrane protein hemagglutinin (HA) and may correlate with virulence. The acid stability of HA has been linked to the successful transmission of the virus between avian and human hosts.

Coronavirus infectivity is exquisitely sensitive to pH. The MHV-A59 strain of coronavirus is relatively stable at pH 6.0 (acidic) but **becomes rapidly and irreversibly inactivated by brief treatment at pH 8.0 (alkaline)**. Human coronavirus strain 229E is maximally infective at pH 6.0. Infection of cells by coronavirus A59 at pH 6.0 (acidic) rather than pH 7.0 (neutral) yields a tenfold increase in the infectivity of the virus.

Data suggests that the coronavirus IBV employs a direct, low-pH-dependent virus-cell fusion activation reaction. "Fusion of the coronavirus IBV with host cells does not occur at neutral pH, and fusion activation is a low-pH-dependent process, with a half-maximal fusion rate at pH 5.5. Little or no fusion occurred above a pH of 6.0."

Raising pH (to an alkaline state) increases the immune system's ability to kill bacteria, concludes The Royal Free Hospital and School of Medicine in London. The viruses and bacteria which cause bronchitis and colds thrive in an acidic environment. Therefore, keeping our pH in the slightly alkaline range of 6.8-7.2 can reduce the risk and lessen the severity of colds, sore throats, and bouts of influenza.

There is a significant decrease in the median number of colony-forming bacteria and fungi in the lungs of pneumonia patients when sodium bicarbonate is used compared to saline.

Medical scientists have already concluded that an 8.4% bicarbonate solution is a safe inhibitory drug for respiratory bacterial, fungal, and mycobacterial growth. In addition, slow infusions of NaHCO₃ (bicarbonate) can also be used to treat non-anion gap metabolic acidosis and some forms of increased anion gap acidosis, a common problem in ICU patients with severe lung infections.

Viruses infect host cells by fusion with cellular membranes at low pH. Thus they are classified as "**pH-dependent viruses**." Drugs that increase intracellular pH (alkalinity within the cell) have decreased the infectivity of pH-dependent viruses. Since such drugs can provoke adverse side effects, the apparent answer is natural techniques that can produce the same results. No pharmaceutical can compete with sodium bicarbonate for changing the pH of the body's fluids.

The fusion of viral and cellular membranes is pH-dependent. "Fusion depends on the acidification of the endosomal compartment. Fusion at the endosome level is triggered by conformational changes in viral glycoproteins induced by the low pH of this cellular compartment." In membrane biology, fusion is the process by which two initially distinct lipid bilayers merge their hydrophobic cores, resulting in one interconnected structure. It has been suggested that the hepatitis C virus (HCV) infects host cells through a pH-dependent internalization mechanism. This HCVpp-mediated fusion depended on low pH, with a threshold of 6.3 and an optimum of about 5.5. When pH drops to 6 or below, a rapid fusion between the membranes of viruses and the liposomes occurs.

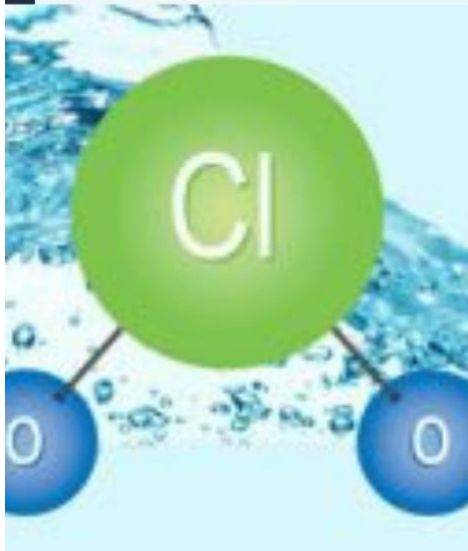
Takeda Pharmaceutical is joining Gilead Sciences and AbbVie as the latest drugmaker to work on developing a coronavirus vaccine. The experimental drug would be derived from the blood of coronavirus patients who have recovered from respiratory disease. "While we don't know for sure that it will work, we think it's definitely a relevant asset that could be of help here," said Dr. Rajeev Venkayya, president of Takeda's vaccines business. pH medicine will definitively work because viruses are pH-dependent, and sodium

bicarbonate is available everywhere, costing almost nothing. In hospitals, bicarbonate is administered intravenously.

Inhibition of vesicular stomatitis virus (VSV) replication in LB cells by interferon (IFN) is pH sensitive. Using sensitive intracellular pH (pHi) indicators, researchers found that IFN treatment significantly raised the pHi. Furthermore, the increase in pHi correlated with an enhancement of the antiviral activity of IFN by primary amines. These results indicated that the IFN-induced increase in pHi might be responsible for G accumulation in the TGN, producing G-deficient virus particles with reduced infectivity.

Solar light is another essential factor producing viral inactivation, through the action of UV radiation. Viruses survive better in the dark than when exposed to sunlight

Kerri Rivera - CD Protocol



THE 3 GOLDEN RULES OF CHLORINE DIOXIDE (CD)

- 1.- If you started the doses and you don't feel **ANYTHING**, keep increasing the drops every day
- 2.- If you feel a very strong reaction, **DECREASE**
- 3.- If you feel that you are improving **CONTINUE**

Kerri Rivera - CD Protocol



CD HUMIDIFIER

- **9 drops cd per liter of water**
- **Excellent for colds and flu**
- **Excellent for coughs, mucus, runny noses**
- **Can run while sleeping, 24 hours a day**

Kerri Rivera - CD Protocol



CD SPRAY

- 10 drops per 1oz/30ml water
- For sore throat
- For strep
- Disinfecting fruits and vegetables
- For skin rashes
- Skin infections
- For all ages
- Lasts till the color fades/1 to 2 weeks
- Do not leave in sunlight or it will fade right away

Kerri Rivera - CD Protocol



CD EAR DROPS

1 drop of CD per 1oz/30ml of water

- Flood ears every 15 minutes during acute infection
- It usually takes care of the problem in 2 to 4 hours
- So much better than antibiotics
- The bottle lasts until the color fades/1 to 2 weeks

Kerri Rivera - CD Protocol



CD BATHS

- Great for chicken pox or shingles
- Great for any skin issues
- Less concentrated as is in the cd spray
- Acute illness (cold/flu) without eating we can still use baths
- 50 to 200 drops in the tub
- May soak as long as desired or as short as tolerated
- Can get into the eyes, hair, ears etc

Kerri Rivera - CD Protocol



DISINFECTION OF THE ENVIRONMENT WITH CD

- In a clean and dry glass cup place 20 drops of CD. (do not add water)
- Chlorine Dioxide slowly evaporates disinfecting the air.
- It can be used in the same way to eliminate bad odors from the fridge.

Are Supplements Worth Taking?



Through the years, most of us have seen essays that try to turn people off supplements. And most of us have read from the mainstream that diet does not matter, and it is okay, according to many oncologists, that after one goes home, it is perfectly OK to have a whisky or martini. There is still dinosaur type of doctors that still insist emotions don't matter in medicine either.

Before going into this essay, know I make a difference between supplementation and concentrated nutritional medicine. When it comes to natural or complementary medicine, administering low and high dosages matters. Low dosages would be considered supplementation. Administering high dosages is the practice of orthomolecular and even ICU and emergency room Allopathic medicine. Just ask a doctor who injects magnesium into a patient dying of cardiac arrest.

The official line from the mainstream is: Most multivitamins and supplements are a "waste of money." "Not only are vitamin and mineral supplements a waste of money, but they can also in some instances actually harm the body," says The Guardian.

According to the FDA, "Three out of every four American consumers take a dietary supplement regularly. For older Americans, the rate rises to four in five. And one in three children takes supplements." However, Dr. F. Perry Wilson states, "There has never been much rationale as to why a super-intake of any of these chemicals (supplements) would give super-benefits to health."

You can easily imagine how I feel about this statement: "Plenty of research suggests that taking vitamins isn't helpful unless you're addressing a specific deficiency in a doctor-monitored way." Since doctors have received little to no training in nutrition, it is hard to understand this gross misconception. However, forty billion dollars in supplement sales shows how many people are not buying into mainstream propaganda. The lies nutritionists and doctors say to themselves run something like this:

You should be able to get most of the vitamins and minerals you need from your diet without having to take supplements. “Dietary supplements don’t replace wise meal and snack patterns. As their name implies, supplements are intended to supplement—not replace—healthy and wholesome food choices. The vast majority of healthy adults can—and should—obtain all the nutrients they need from food alone.” This is delusional because the foods we eat today do not have the nutritional value they once did.

According to Scientific American, fruits and vegetables grown decades ago were much richer in vitamins and minerals than the varieties most of us get today. The main culprit in this disturbing nutritional trend is soil depletion: Modern intensive agricultural methods have stripped increasing amounts of nutrients from the soil in which the food we eat grows. So, sadly, each successive generation of fast-growing, pest-resistant carrot is truly less good for you than the one before.”

According to a report, Still No Free Lunch, food scientists have compared the nutritional levels of modern crops with historical levels. Studies show that today's food produces 10 to 25 percent less iron, zinc, protein, calcium, vitamin C, and other nutrients.

Thus the assertion that we can obtain all of the nutrients we need from food is cruel, for it guarantees nutritional deficiencies that scientists know to cause disease. One cannot live and be healthy on food and pharmaceuticals alone. We need to supplement with the best and most natural substances to make the difference between the foods we eat today and those that our ancestors ate, even in the recent past.

Complicating the entire nutrition story that ups the need for nutritional supplementation is the junk foods we eat today. And there is a whole class of foods that might not even be considered junk food; that is junk. White foods have been deliberately stripped of their nutritional values. I am talking about white rice, white bread, white pasta, white sugar, and even white salt. These popular foods are white because they have removed fiber and minerals.

Although supplements are often confused with drugs, supplements are not drugs. According to the U.S., Food and Drug Administration (FDA), supplements are “Not intended to treat, diagnose, mitigate, prevent or cure diseases.”

The medical-industrial complex will stop at nothing to put down supplements. “Vitamins and dietary supplements may kill you, and they often provide little or no health benefit,” concludes one writer for Time.

Conclusion

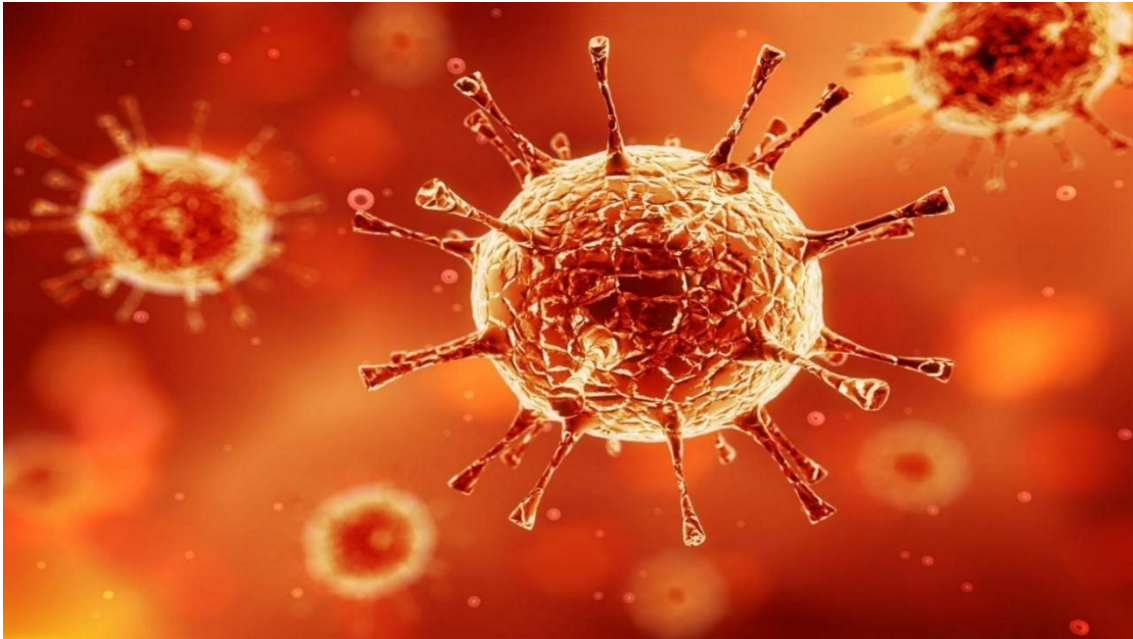
Many people take long lists of supplements and yet do not live in anywhere near perfect health. Supplements are not the answer to everything. However, Spirulina and Chlorella have been my favorite supplements for the past forty years. They are whole foods that one can take at high dosages instead of multivitamins and minerals. If one wants to believe in even a sliver of what mainstream medicine puts out about supplements being a waste of time, then try these nutritional super-foods that come to us directly from God.

I stay away from multivitamins and anything that is synthetically manufactured. One must choose carefully and know what dosages to take that make sense for one’s medical or health situation.



The best whole organic superfood product I have found is called Super Green Juice. It tastes excellent compared to Spirulina, and it has 44 organic superfoods.

What If Viral Theory is Wrong? And What If It is Right?



These are crucial questions, but do theories matter? All theories are incomplete, for they cannot possibly hope to describe reality. They only approximate it. However, in our bottomless insecurity, we need explanations of things to know why and understand even if our understanding is wrong.

Once we have a concept, it eventually gets etched in stone, in the stonework of our consciousness. No one gives up ideas quickly, no matter what those ideas are. So people identified with concepts end up hating change because they are into the authority of their notions of reality. Change becomes abhorrent simply because it destroys the foundation of their cherished worlds.

The virus theory is only a working theory that the scientific community has accepted. It does not mean it is accurate or accurately describes reality. By definition, theories, ideas, concepts, and beliefs are mental constructs our minds cherish but these levels of mind only approximate reality but are NEVER reality itself.

Concepts can be dangerous. People attached to this level of mental reality love authority. It's all or nothing for most on this level. You are with or against us, and in the area of viruses, you are all for vaccinations or against their use. If viruses don't exist, what is the justification for vaccines? The Supreme Court in Germany already ruled that the measles virus has never been proven to exist, and there are severe doubts from serious medical scientists about the AIDS virus.

But to diehard vaccinationists, proof does not matter. If we believe it to exist, it exists. There is just too much money and special interest groups involved to trust anything that is said to us about viruses and all the vaccines designed to combat them. So we need to take a hard look at the crucial issues involved, the science, the biology, and then we can decide which concept and medical practices to utilize.

cause of illness inside the cells. The real meaning of the word virus is poison. We certainly know that they are not living organisms. What if bacteria and fungus inside of us thrive when there are more poisons for them to mop up? What if that is their real purpose.

If one is serious about getting to the bottom of this critical controversy, one will study this video and [another by the same author](#). Remaining ignorant about this will leave you and your loved ones vulnerable to the Vaccine Gods from Hell.

The way it was explained to me by an actual virologist, one that doesn't tow the party line, was this; there are toxins in every corner of our lives. From the water we drink/bathe into the air we breathe and the foods we eat. Our bodies detox themselves on a cyclic basis. Kind of like a woman's monthly cycle. The detox shows up, just like a Herx. But we label it as the seasonal flu—nausea, vomiting, diarrhea, exhaustion. But what looks like the contagious flu is the people around you syncing up biologically. Ever known of several women living in the same house? Their cycles will eventually be in sync. So what looks like something contagious is everybody doing their yearly detox from all the crap they've put into their bodies or exposed themselves to. If you study the Spanish flu, not one caregiver gets sick. The sick people were given/exposed to poisonous chemicals via nasty chemicals in the vaccines.

Louis Pasteur convinced a skeptical medical community that contagious germs cause disease; his "germ theory" now serves as the official explanation for most illnesses. However, in his private diaries, he unequivocally states that he was not once able to transfer disease with a pure culture of bacteria in his entire career. He admitted that the effort to prove contagion was a failure, leading to his famous deathbed confession that "the germ is nothing, the terrain is everything."

Oh, What Can It Be?

Since the dawn of the human race, medicine men and physicians have wondered about the cause of disease, especially what we call "contagions," numerous people ill with similar symptoms, all simultaneously. Does humankind suffer these outbreaks at the hands of an angry god or evil spirit? A disturbance in the atmosphere, a miasma? Do we catch the illness from others or some outside influence?

Today we are surrounded by a jangle of overlapping and jarring frequencies—from power lines to the fridge to the cell phone. It started with the telegraph and progressed to worldwide electricity, radar, satellites that disrupt the ionosphere, and ubiquitous Wi-Fi. The most recent addition to this is fifth-generation wireless—5G. In *The Contagion Myth: Why Viruses (including Coronavirus) is Not the Cause of Disease*, bestselling authors Thomas S. Cowan, MD, and Sally Fallon Morell tackle these issues.

On September 26, 2019, 5G wireless was turned on in Wuhan, China (and officially launched on November 1) with a grid of about ten thousand antennas—more antennas than exist in the United States, all concentrated in one city.

You will never see information in the mainstream about diseases being caused by 5G. You will never see anyone say this person died of magnesium deficiency. You will never hear anything about the sad reality we are polluting the planet with massive amounts of

mercury. And indeed, you will not hear that we have a cooling world, not one being heated up by political and scientific imaginations.

The mainstream of life is a lie. A series of dangerous lies hold up modern civilization, and people eventually pay a deadly price. Vaccines, especially COVID injections, are the biggest lie in human history and the greatest act of terrorism ever committed.

Sick, Suffering, and Dying



It should come as no surprise that more people are suffering and dying. As a result, life insurance companies are reporting significant increases. According to a 20 U.S. life insurance corporations survey, excess death claims spiked 37.7% over a pre-pandemic baseline in the third quarter of 2021. This figure includes an approximate 50-50 split between claims related to COVID-19 and those caused by other factors.

New estimates from the World Health Organization (WHO) show that the full death toll associated directly or indirectly with the COVID-19 pandemic (described as “excess mortality”) between 1 January 2020 and 31 December 2021 was approximately 14.9 million (range 13.3 million to 16.6 million). COVID-19 injections are actually making recipients more vulnerable to infections and death. They are the worst thing ever to happen to the world of medicine—a deadly attack of pharmaceutical terrorism upon the entire human race.

It is not just more deaths, sudden and shocking as they can be these days. Vast sections of the public are suffering on mental, emotional, and spiritual levels. It is estimated that each year, 38.2% of the European population suffers from a psychiatric disorder.

“Half my team isn’t showing up. They’re scared, or they’re sick.”

An estimated 26% of Americans ages 18 and older -- about 1 in 4 adults -- suffer from a diagnosable mental disorder in a given year. In addition, many people suffer from more than one mental disorder at a given time. In particular, depressive illnesses co-occur with substance abuse and anxiety disorders. In the United States, almost half of adults (46.4 percent) will experience a mental illness during their lifetime. 5 percent of adults (18 or older) experience a mental illness in any year, equivalent to 43.8 million people.

<https://www.youtube.com/watch?v=j-Gil9l8yIE>

Mortality from deaths of despair far surpasses anything seen in America since the dawn of the 20th century. Moreover, there has been a dramatic rise among middle-aged non-Hispanic whites since 1999 in “deaths of despair”—deaths by suicide, drug and alcohol poisoning, and alcoholic liver disease and cirrhosis.

Feeling lonely leads to a 29 percent increase in heart disease. It also increases the chance of stroke by 32 percent. When it comes to loneliness, it is a bigger killer than obesity. Imagine how much it increases one’s vulnerability to the common flu or coronavirus.

No One Coming To Save Us

The baseline of human suffering is building, not declining. But now it is exploding and about to get much worse as hunger and starvation avalanche down on us and as we enter a long period of financial and economic deprivation.

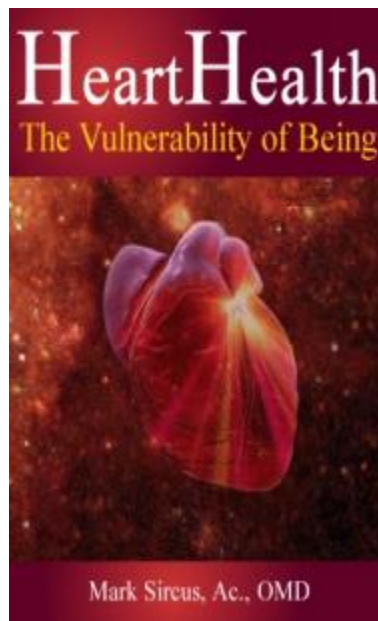
We need to take total responsibility for ourselves and our loved ones, which is not easy. All our accumulated weaknesses will be on our backs, and cooperation with others will be a matter of survival.

Chris Martenson says it well, “Given the enormity of the challenge, and the fractured, divisive social and political landscape, you really need to plan for nothing happening. That no vision is coming along, no savior will appear, and we’re going to merrily continue along until we run out of time and resources to do anything more than regret our mistakes. Odds are we’re going to keep heading straight along our current trajectory. Until — clunk! — we go right over the edge.”

“The future is barreling towards us at a furious pace. And the pace of that change is accelerating. So it’s time to freak out a bit. To get serious about protecting ourselves. To make different decisions and reorganize our priorities.” concludes Martenson.

So though it is beyond the scope of this book to delve deeply into mental, emotional, and spiritual healing, I include the following pages that will take you into the world of feeling. Feelings, instincts, and intuitions will be more critical than ever. We are going to need all our wits about us.

HeartHealth



Rumi, the great mystic poet, said, “There is no liquid like a tear from a lover’s eye.” He also said, “There comes a holy and transparent time when every touch of beauty opens the heart to tears. This is the time the Beloved of heaven is brought tenderly on earth. This is the time of the opening of the Rose.”

*My Tears Flow My Being Opens Totally
As your heart fills with feelings, expand yourself,
prepare to meet the enormity of your own divine being.
The tears of the melting heart can melt all barriers
between you and your own more profound and higher self.*

Jesus wept, and we know that the soul takes no space without the tears of the melting heart to grace one’s life. An old Jewish proverb tells us that what soap is for the body, tears are for the soul, and Psalms 126:5 says, “They that sow in tears shall reap in joy,” and Psalms 30:5 reads, “Weeping may endure for the night, but joy cometh in the morning.”

*Every tear that your heart sheds is a golden drop of sun.
I weigh each one in my heart of hearts
not knowing from which they all come from.
I drink the fluid that runs from your eyes
knowing you better with every drop.*

“Man is like an onion. When you peel away the layers, all that is left is tears,” wrote Rabbi Nachman of Bratslav, a Hasidic master. “The fruits of the inner man begin only with the shedding of tears. When you reach the place of tears, then know that your spirit has come out from the prison of this world and has set its foot upon the path that leads towards the new age,” wrote Saint Isaac of Nineveh.

The Heart represents our essential capacity to care and feel. Inside the purified and free heart are a flow, a river, a current, a passion for life, and a healing power that no medical treatment can compete with. The most significant force for health is the human heart. The purpose of our life here on this earth is to contact our being and expand and grow our being by coming into a direct relationship with the essence of our heart's true nature. And what is this true nature? The heart is the vulnerability of being.

*Emotional intelligence comes with an appreciation
of each feeling's role and function in our awareness.
Life stripped of feelings is a life stripped of meaning.*

Emotional tears heal the heart by returning us to it. Thus crying makes us feel better even if we are not better or the situation is not improving. Dr. Judith Orloff says, "It is good to cry. It is healthy to cry. This helps to emotionally clear sadness and stress. Crying is also essential to resolve grief when waves of tears periodically come over us after we experience a loss. Tears help us process the loss to keep living with open hearts. Otherwise, we are set up for depression if we suppress these powerful feelings. When a friend apologized for curling up in the fetal position on my floor, weeping, depressed over a failing romance, I told her, 'Your tears blessed my floor. There is nothing to apologize for.'

Dr. Orloff wrote, "For over 20 years as a physician, I've repeatedly witnessed the healing power of tears. Tears are your body's release valve for stress, sadness, grief, anxiety, and frustration. Also, you can have tears of joy, say when a child is born, or tears of relief when a difficult time has passed. In my own life, I am grateful when I can cry. It feels cleansing, a way to purge pent-up emotions so they don't lodge in my body as stress symptoms such as fatigue or pain. To stay healthy and release stress, I encourage my patients to cry. For both men and women, tears signify courage, strength, and authenticity."

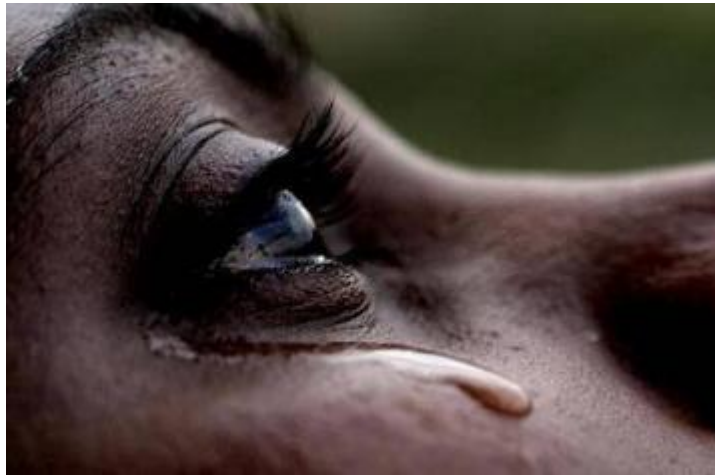
We cannot begin to flow towards another person or our higher or inner being until the psychic skin covering the heart is removed. The tears of the melting heart are the key to dispersing the cobwebs of our minds and releasing us into the mysterious depths of our hearts, so let your tears flow to purify yourself of your mental stress and negativity.

Our vulnerable tears are the most apparent confirmation that we are moving in and through the doorway to our more profound beings. Not the tears of self-pity, but the simple welling up feeling that almost always accompanies the crossing and crisscrossing the barriers between the heart and the head. These tears are more like a divine fluid. The heart's tears are precious, and the pure heart always cherishes the liquid river of tears.

When we open the heart, a river of feelings is released and swamps the mind and its habitual defenses. We feel overwhelmed because our usual cool control is lost. The coolness of the separate personality is swept away as the familiar ground moves from under our feet. Though most fear this moment, it is such a release, a lightening of our load. Our authentic self is freed from the iron grip that our ego typically holds over heart consciousness.

When we open our hearts, we are surrendering ourselves to the vastness and strength and love of God. We open ourselves and make ourselves vulnerable to a great being that is one with all beings. Open to experience, open to it all. It's thrilling and sometimes even terrifying. Open to love, and this is something else again.

A Secret Cause of Disease – Loss of Heart



A disease can show us how invulnerable we have become, how walled off we are from the world and our inner reality of pure being. One of life's great secrets is the power of the heart and what a return to its vulnerability can offer a sick person.

One quality of heart and pure being can be called grace. The grace of the heart offers us a quality of being that is healing, animating, invigorating, supporting, nurturing, and comforting. The grace of the heart provides inner tranquility and peace that the mind by itself rarely possesses.

Dr. Steven Stosny writes about the strong resistance we have to vulnerability saying, “Your core vulnerability is the emotional state that is most dreadful to you, in reaction to which you’ve developed the strongest defenses. Other states of vulnerability are more tolerable if they avoid stimulating your core vulnerability and less bearable when they don’t. For most people, either fear (of harm, isolation, deprivation) or shame (of failure) constitutes their core vulnerability.”

However, when we face our deepest fears and vulnerabilities, we become stronger and more capable of giving and receiving love. This is because deep in the nuclear core of the heart is a love of life and a love of love. Some beings come here to earth with such a strong heart that no circumstance can beat it out of them. In them is a furnace of heart energy, and like the sun, it will not be denied though they might have to go through great struggles to release and express this energy.

When fighting severe diseases like cancer, we need to access the power and strength of our hearts, of love, because this will strengthen our immune systems and give us the will to change the things we need to change and face what we must, even if its death or the

death of a loved one. Life demands more heart, more love, and thus more tears if we wish to navigate the increasing stresses of life without being ripped apart.

Human Vulnerability



Humanity is about to receive some great lessons in human vulnerability. We are born perfectly vulnerable and when we die, dare to love, get sick, or suffer violence in its many forms, we return to the core feeling that makes us who and what we are. Almost 27 years ago, I wrote HeartHealth, which defines *the heart as the vulnerability of being*.

Vulnerability is the capacity or susceptibility to being hurt. The word vulnerable is also synonymous with the phrase openness and exposure. When a person is genuinely vulnerable, there is an unobstructed entrance or view of the person's heart, being, and soul. In the strongest or most enlightened person, there is no protecting or concealing cover because the person needs none. Such people carry themselves in full view of others because they are not afraid of being hurt. After all, they are not afraid to suffer.

Feelings are our spontaneous "being" responses to what is happening in our life. Emotions are sustained feelings that reflect more on our reactions to our feelings and thoughts about our feelings. Openhearted people suffer more simply because they are more open to feelings.

How do we know when we are in touch with our vulnerability? The tears of the melting heart mark our passages in and out of our hearts. We are not talking about the tears of self-pity but the simple welling-up feeling that almost always accompanies the crossing and crisscrossing the barriers between the heart and the head. These tears are more like a divine fluid. The heart's tears are precious, and the pure heart always cherishes the liquid river of tears.

*There is a sacredness in tears. They are not the mark of weakness,
but of power. They speak more eloquently than ten thousand tongues.
They are messengers of overwhelming grief and unspeakable love.*

Washington Irving

Over more than a decade of research, author Dr. Brené Brown has found that vulnerability is not a weakness. On the contrary, it can be our greatest strength. Yet instead of allowing ourselves to feel vulnerable, Brown says many people put up emotional shields to protect

themselves. Vulnerability gives us access to our true strength, but that does not change the paradigm most people live in, which is the great fear people have about being vulnerable. The fear of vulnerability is arguably one of the most common fears. Most people are afraid to be strong, afraid to be vulnerable, and governments and psychopaths love this.

Dr. Brown describes vulnerability as the core of all emotions, “To feel is to be vulnerable. So when we consider vulnerability to be a weakness, we consider feeling one’s emotions to be so, too. But being vulnerable connects us with others. It opens us to love, joy, creativity, and empathy.”

Dr. Steven Stosny writes about the strong resistance we have to vulnerability saying, “Your core vulnerability is the emotional state that is most dreadful to you, in reaction to which you’ve developed the strongest defenses. Other states of vulnerability are more tolerable if they avoid stimulating your core vulnerability and less bearable when they don’t. For most people, either fear (of harm, isolation, deprivation) or shame (of failure) constitutes their core vulnerability.”

However, when we face our deepest fears and vulnerabilities, we become stronger and more capable of giving and receiving love. This is because deep in the nuclear core of the heart is a love of life and a love of love. Some beings come here to earth with such a strong heart that no circumstance can beat it out of them. In them is a furnace of heart energy, and like the sun, it will not be denied though they might have to go through great struggles to release and express this energy.

Empathy

One can measure the strength of one’s heart by measuring one’s capacity for empathy. Baron-Cohen defines empathy in two parts—the drive to identify another person’s thoughts and feelings and the drive to respond appropriately to those thoughts and feelings. It is also, he says, one of the most valuable resources in our world—one which is currently woefully underused. “We all have degrees of empathy... but perhaps we are not using it to its full potential,” he explained in an interview with Reuters after delivering a lecture in London. He says erosion of empathy is an important global issue affecting the health of communities, whether small ones like families or big ones like nations.

Baron-Cohen also sets out an “empathy spectrum” ranging from zero to six degrees of empathy, and an “empathy quotient” test, whose score puts people on various points along that spectrum. Drawing a classic bell curve on a graph, Baron-Cohen says that, thankfully, most humans are in the middle of the bell curve spectrum, with a few particularly attuned and highly empathetic people at the top end. Psychopaths, narcissists, and people with borderline personality disorder sit at the bottom end of the scale—these people have “zero degrees of empathy.”

Dr. Clancy D. McKenzie of Capital University says, “Enhancing the love energy of the patient is an effective way to increase the healing process.” He is saying that patients will do better if they open their hearts by getting in touch with their vulnerability, which is increasingly present the sicker we become. Bad news, like hearing we have cancer or that someone we are close to has just died, brings us to the doorway of our vulnerability, but few people can easily walk through that door.

Collective Vulnerability



<http://fineartamerica.com/featured/vulnerability-chris-lopez.html>

Janelle Manton writes, “Vulnerability is Power.... When asked what vulnerable means, most women will say it makes me feel weak, it’s a sign of weakness, I’m unsafe when I’m vulnerable, or being vulnerable scares me. Very few women or men see the beauty that dwells deep within the state of vulnerability. Like most people, I was also bought up to think being vulnerable meant I was not strong or in some kind of danger. Until the day I discovered that vulnerability was my long-lost friend and a continuous source of my innate power!”

Magnesium for Corona Infections



It isn't very comfortable to realize the obvious. The perfect medicine for coronavirus hospital patients would be magnesium chloride given intravenously. Magnesium administration would reduce the progression of the disease to severe or fatal stages when caught earlier enough and keep heart patients from dying in the later stages.

Other studies show that combinations of Vitamin D, magnesium, and B12 administered to older COVID-19 patients were associated with a significant reduction in the proportion of patients with clinical deterioration requiring oxygen and intensive care support.

Mainstream attitudes toward supplements try to dumb us down, like a recent New York Times essay. Too few regular doctors prescribe magnesium. Too few psychologists and psychiatrists prescribe magnesium. A lot of people die from magnesium deficiencies, many more than from the coronavirus. As the only living author of two books on magnesium, I am in a position to make such a statement. The last thing our present generation of health officials wants to count is death from a lack of magnesium. Engine blocks seize without oil. It's the same with human physiology, it seizes without enough magnesium in the cells, and the heart certainly goes into cardiac arrest if magnesium levels drop in the blood.

Magnesium is so essential for our health, especially in times of high stress (stress increases the biological need for more magnesium) that instead of running out to the store to buy toilet paper, one should get on the Internet and buy all the magnesium you can. The longer you want to live/stay healthy, the more you should buy because magnesium can save you when the system of expensive modern medicine fails.

Saving Lives?

A study published in The Lancet reported the effects of a double-blind, randomized, placebo-controlled study on 2,316 patients with suspected myocardial infarction. The

dose of magnesium was high (about 8.7 grams given intravenously over 24 hours), but the results were remarkable: magnesium reduced cardiovascular mortality by 25 percent. In an analysis of seven clinical studies, Teo and colleagues concluded that magnesium (in doses of 5-10 grams by intravenous infusion) reduced the odds of death by an astounding 55%.

Dr. Sarah Myhill has used I.V. magnesium in her general practice for over 20 years for acute and chronic problems. She uses it for all patients with acute chest pain (unless the blood pressure is low), acute heart failure, pulmonary embolus, and acute asthma. Myhill says, “It is a potent vasodilator – i.e., it opens up all the blood vessels. Indeed patients can feel their blood vessels dilating as I give them the magnesium – they warm up all over! This has the immediate effect of reducing the work of the heart and opening up the collateral circulation of the heart. Most patients with acute heart attacks have their pain completely relieved by I.V. magnesium.”

Elevating Supplementation to the Level of Medicine

We will talk about the various forms below, but I want to speak about the importance of dosages. Most people either do not take magnesium supplements or do not take enough, robbing themselves of magnesium's medical and health benefits.

New instructions for magnesium supplementation elevated to the level of magnesium medicine are:

1) Oral consumption taken to bowel tolerance: Magnesium is the perfect medicine for constipation because high levels loosen the intestines. Thus like vitamin C, one can navigate oral dosage by reaching the level of intake that provokes the loosening of the stools. Then back down the dosage, let the body get used to it, and slowly increase to bowel tolerance. I use magnesium chloride or magnesium bicarbonate, but all forms are helpful to one degree or another.

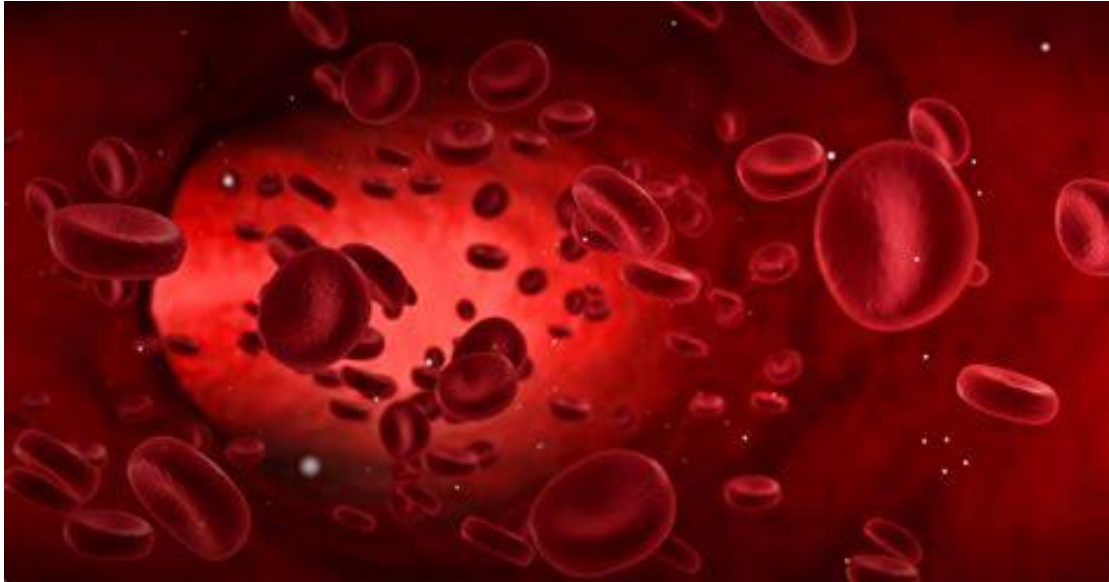
Magnesium chloride has the advantage of being administered intravenously, intramuscularly, orally, as well as vaporized through a nebulizer, and as a lotion transdermally. However, the preferred administration route is IV in anesthesia and intensive care.

Orally administered magnesium dosage levels can be increased gradually from about 250 to 500 mg elemental magnesium/day to between 600 mg and about 5000 mg/day of magnesium. Each orally administered daily dosage amount is divided into smaller doses and administered several times per day. One retired doctor with diabetic neuropathy was able to tolerate up to 20 grams a day in this way and was able to control his neuropathy. The reason for his high levels was that he had what is called magnesium-wasting disease.

2) Because oral dosages are limited by bowel tolerance, it is helpful to use transdermal applications. For example, one can spray magnesium oil topically and sit in the sun or have someone massage the magnesium oil for the most delightful medical treatment. One can also load one's baths in magnesium and bicarbonate.

In one study, a dosage of 250 mg two times daily of magnesium administered orally produced adverse intestinal effects in 45.7% of subjects. If one has cancer or any other severe disease, magnesium administered intravenously is a good option for dramatic results, including diabetic control.

Blood Clot Epidemic - The Kill Mechanism of COVID Injections and Infections – Chlorine Dioxide Saves The Day



Blood clots have emerged as the common factor unifying many of the symptoms of COVID-19. Researchers in Germany have discovered that the virus changes the size and stiffness of red and white blood cells in the human body. Moreover, these changes can last for months, possibly explaining the seemingly never-ending symptoms of COVID-19.

In December of 2021, Astra Zeneca scientists finally admitted something that had been known for many months, i.e., that their vaccine was causing deadly blood clots. A Utah mother blames COVID-19 vaccines after her 17-year-old son and her husband was hospitalized with rare blood clots soon after receiving the shots. "So it is true after all. After nearly one year of stonewalling and denials, they officially admit that the COVID vaccines can cause blood clots," writes Vasko Kohlmayer.

Patients hospitalized with severe COVID-19 infections who have high levels of the blood-clotting protein factor V are at elevated risk for serious injury from blood clots such as deep vein thrombosis or pulmonary embolism, according to a new study by Harvard Medical School.

"On the other hand, critically ill patients with COVID-19 and *low* levels of factor V appear to be at increased risk for death from a form of coagulopathy that resembles disseminated intravascular coagulation (DIC)—a devastating, often fatal abnormality in which blood clots form in small vessels throughout the body, leading to exhaustion of clotting factors and proteins that control coagulation," continues the medical scientists at Harvard.

COVID-19 vaccines destroy cells. If that happens to the endothelia, that is, the cell layer that lines the inner surfaces of our blood vessels, then those vessels may begin to leak^{xi},

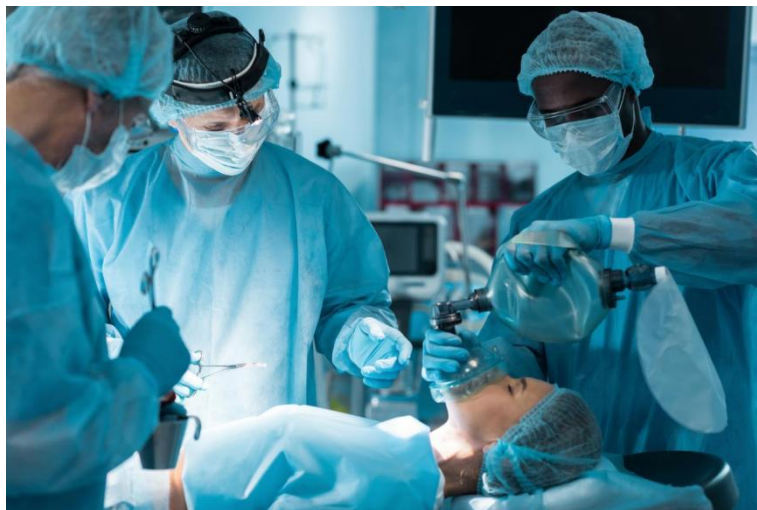
and clots will form.^{xii} Given that 2021 research showed the spike protein entering the bloodstream shortly after vaccination, this dangerous endothelial involvement in spike production is highly likely and expected to occur.

A dire danger of COVID-19 vaccines is that *spike proteins* produced by myriad endothelial cells, i.e., the innermost cells lining blood vessel walls, will be exported to the cell surface and protrude directly into the bloodstream. Moreover, a fraction of these spikes will be cleaved during their passage to the outside world. They will fall off the cells into the bloodstream and bind to their receptors on other endothelial cells at distant sites.

"My friend and tennis partner, a mid-fifties very fit doctor, turned blue all over with broken capillaries after jab 1. This was potentially life-threatening; he would not get the second jab. Dark days for medicine. We will never recover from this worldwide debacle, nor will the injured, and worse."

Many medical scientists have looked at blood samples from vaccinated patients and seen disaster. Embalmers and funeral directors also notice very abnormal blood clots never seen before. Even the U.S. Department of Defense has weighed in on these dangers.

What ICU Doctors Saw Early On



Dr. Jeffrey Laurence, a professor of medicine in the Division of Hematology and Medical Oncology at Weill Cornell Medicine and a hematology and oncology specialist at NewYork-Presbyterian/Weill Cornell Medical Center, co-authored a now-widely cited paper in Translational Research in April 2020 that sounded the alarm about blood clotting as a cause of strokes and organ failure in severe COVID-19.

Early on, almost a year before the first COVID vaccines were released to a naive, trusting public, doctors were reporting bizarre, unsettling cases that didn't seem to follow any of the textbooks they've trained with. They describe **patients with startlingly low oxygen levels** — so low that they would generally be unconscious or near death — talking and swiping on their phones. Asymptomatic pregnant women suddenly in cardiac arrest. By all conventional measures, patients seem to have mild disease deteriorating within minutes and dying at home.

Reports of strokes in the young and middle-aged in many hospitals are the latest twist in our evolving understanding of the mysteries of covid-19. Once thought to be a pathogen that primarily attacks the lungs, it has become a much more formidable foe - affecting nearly every primary organ system in the body.

Autopsies have shown some people's lungs fill with hundreds of micro clots. Errant blood clots of a larger size can break off and travel to the brain or heart, causing a stroke or heart attack. So when they opened up some deceased patients' lungs, they expected to find evidence of pneumonia and damage to the tiny air sacs that exchange oxygen and carbon dioxide between the lungs and the bloodstream. Instead, they found small clots all over.

Dr. Lewis Kaplan, a University of Pennsylvania physician and head of the Society of Critical Care Medicine, said every year, doctors treat people with clotting complications, from those with cancer to victims of severe trauma, "and they don't clot like this."

"The problem we are having is that while we understand that there is a clot, we don't yet understand why there is a clot," Kaplan said. "We don't know. And therefore, we are scared."

A Dutch study published April 10 in the journal Thrombosis Research provided more evidence that the issue is widespread, finding **that 38 percent of 184 covid-19 patients in an intensive care unit had blood clotted abnormally.**

What was First Noticed

The ICU doctor in the video below from New York suggests we treat the wrong disease with the wrong measures. WebMD published, "As doctors treat more patients who are severely ill from COVID-19, they're noticing differences in how their lungs are damaged. Some patients coming to the hospital **have very low oxygen levels in their blood**, but you wouldn't necessarily know it from talking to them. They don't seem starved of oxygen. They may be a little confused. But they aren't struggling to breathe."

"When doctors take pictures of their lungs -- either with a CT scanner or an X-ray machine -- those also look fairly healthy. The lungs may have a few areas of cloudiness and crazing, indicating spots of damage from their infection, but most of the lung is black, indicating that it is filled with air."

<https://www.youtube.com/watch?v=k9GYTc53r2o>

It was "as if tens of thousands of my fellow New Yorkers are stuck on a plane at 30,000 feet and the cabin pressure is slowly being let out. These patients are **slowly being starved of oxygen**," said Cameron Kyle-Sidell, MD, an emergency room and critical care doctor at Maimonides Medical Center in Brooklyn.

Red blood cells have been reported to shrink and become stiffer under hypoxic conditions leading to a downward spiral in oxygen transport and delivery.

Chlorine Dioxide Rides To The Rescue

Chlorine dioxide, that small, extremely safe medicine that the FDA would rather not exist, rides to the rescue of COVID-infected patients and the billions of people who blindly took COVID injections programmed to force human body cells to produce spike proteins.

Chlorine dioxide works on the central damaging aspect of COVID vaccines, coagulation in the blood. "Normally, doctors prescribe an anticoagulant, such as warfarin, which is a substance equal to rat poison, which in the long term, will cause strokes, etc. So it's not a solution at all. **However, chlorine dioxide is a solution because we have seen that it directly dissolves mini clots before they get bigger**," says Dr. Andreas Kalcker.

"Oxygen deprivation is the cause of death for most covid-19 victims. Chlorine dioxide **floods the blood with oxygen**, immediately enriching the hemoglobin molecules on red blood cells and allowing patients to breathe again," continues Kalcker.

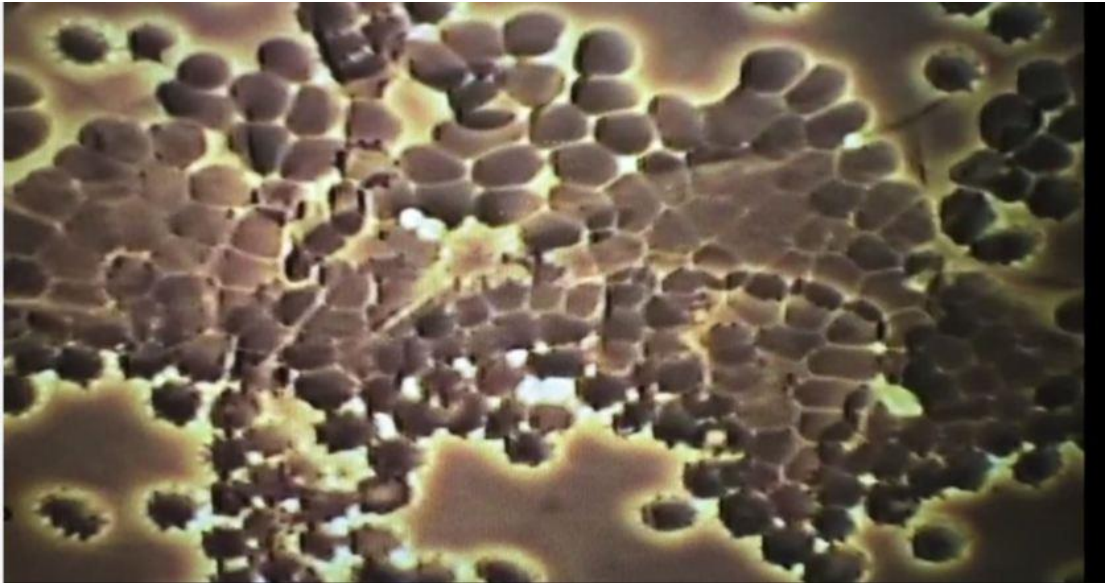
Notably, much sick and dying have red blood cells clumping together and are not moving freely. Severely clumped red blood cells (Rouleau) affect proper oxygenation because the red blood cells do not circulate well enough to deliver oxygen where it is needed. Early in the pandemic, New York physicians noted that it seemed COVID patients had been transported to 30,000 feet in altitude and were starving for oxygen. This [video](#) shows that **the red blood cells regain proper size and shape after taking chlorine dioxide and move freely through the blood**.

Chlorine dioxide does not thin the blood as a blood thinner like Coumadin would. It simply allows a more free flow of hemoglobin cells around one another. It reduces the Rouleaux effect. It does not impact the patient's ability to create blood clots normally.

Vetted Images of Red Blood Cells Before and After mRNA Injections



These are [screenshots of microscopic blood smears](#) comparing normal red blood cells to post-Covid vaccine cells.



Another post-vaccination image of the blood.

Direct Attack on Red Blood Cells

The oxygen-saturation level of COVID patients, especially those with severe cases, was prone to dropping to dangerous levels, even below 90%. Dr. Angelo D'Alessandro, director of the University of Colorado School of Medicine Department of Biochemistry and Molecular Genetics and CU Cancer Center, asked, "Can it be due to the cell that transports oxygen?" "Can COVID attack red blood cells – the most abundant cell in the human body – which has evolved specifically to transport oxygen?"

The answer to both questions was "yes." A study revealed that SARS-CoV-2 damages the membranes of oxygen-carrying red blood cells. The virus didn't affect the cells' hemoglobin, allowing them to pick up oxygen, but it damaged membrane proteins responsible for blood cell structure. This characteristic enables these cells to indirectly regulate red cell capacity to release oxygen and, most importantly, to squeeze through narrow capillaries in the periphery of the bloodstream.

Dangerous blood clots can occur in moderate COVID-19 patients.

Dr. D'Alessandro adds some fascinating points to this discussion, saying, "Inflammation is a normal reaction to trauma. The immune system's white blood cells rush to the wound site to fight off infection, and inflammation can affect the blood capacity to form stable clots – a phenomenon referred to as coagulopathy of trauma. However, in the case of SARS-CoV-2, the system "can go off the rails."

"The body responds to the virus by generating an excess of inflammatory cytokines, which are small molecules that activate during inflammation, and then it can get out of control – a cytokine storm – to the point that your body shuts down, especially your lungs," he said. "Unfortunately, like in trauma, excess inflammation can activate platelets

and result in the formation of clots, which can obstruct blood flow in the lung and thus limit lung oxygen perfusion even when the patient is on a ventilator."

Magnesium Helps Chlorine Dioxide

Magnesium has a fibrinolytic action, **prolongs clotting time, delays peak thrombin time, slows down platelet clumping,** and appears to reduce fibrinogen levels, all of which may prevent the development or extension of an infarct. In addition, the vasodilator action opens collateral circulation and reduces myocardial damage.

Conclusion

"Injecting more than half of humankind with inadequately tested, dangerous pharmaceuticals based on a never-before-tried technology while claiming that they are "completely safe" is an unprecedented mass experiment with the gravest potential consequences. Never before has any government, an international actor, or a transnational cabal undertaken an act that would expose such a big swath of humanity to such serious danger," writes Vasko Kohlmayer for The American Thinker.

Chlorine Dioxide Testimonials



Eczema was destroyed in 3 days with chlorine dioxide on a four-month-old baby. Andreas Kalcker's method was used to make CDS, but only one round for 1/2 strength approx 1500 ppm. The parent dipped their finger in the CDS1500 and dabbed it on the affected areas 2 x daily.

Introduction

This is, without doubt, the longest chapter and could have been much longer. A book could easily be made from the testimonies of people using chlorine dioxide. I have personally monitored these testimonials on social media groups that teach people how to use chlorine dioxide (MMS) (CDS). For those new to chlorine dioxide or those who are die-hard skeptics, please remember all of these testimonies were published to people who do not need convincing and are already using chlorine dioxide.

Unfortunately, it is long past the point where we can expect anyone in the official world of medicine to listen and understand, so I am not writing this chapter to convince anyone how magical chlorine dioxide is and how many lives or misery it could save.

The mainstream world of medicine and the entire world of politics is dedicated to making people suffer and die miserably by denying the public anything safe, effective, and inexpensive that will work to keep people healthy, happy and safe from severe disease. Humanity deserves better from modern medicine and is not getting it, so we must take care of ourselves, which is the whole point of *Forbidden Cures*.

The results people achieve with chlorine dioxide are almost beyond belief, as the testimonies in this chapter show. Furthermore, all of these examples of healing depended mainly on chlorine dioxide alone, demonstrating how potent this small molecule is. It will be for the future to show the added power to cure when chlorine dioxide is integrated into a complete system of medicine that addresses other essential body needs.

Of course, not everyone will have a miracle healing. However, as public water professionals know, it will always do the job it is supposed to do.

Healing Toe Wound

“Persistent toe wound in my 99 yo mother in law. The first picture is November 2021 (we have been treating this for over a year!)...2nd picture is today after a month of daily foot soak using five activated drops of MMS....treated soak water with Borax before adding MMS due to fluoride in the water....the skin on her foot even looks plumper and pinker!”



MMS Cancer Cure?

“A few years ago, I had a blood disease called polycythemia. I had this blood disease for many years. Then at the end of 2017, I got sick with colon cancer while being treated for my blood disease by The Maine Centers For Healthcare In Westbrook, Maine. I lost 80 pounds in 2 months. I told my doctor I was not going to do any more treatments. I did not take the chemo. I told him I was not coming back to see him and went home. The next day he called my wife and told her if she did not talk me into coming back for further tests & treatments, I would die. I was so sick I was in bed I could not even take care of myself. My wife began giving me six drops of MMS every hour. Within ten days, I was able to eat where before I could not even eat. In the next 4 or 5 months, I gained most of my weight back, and today the cancer is gone, and so is the blood disease.”

COPD and Pulmonary Artery Hypertension

“I was diagnosed five years ago with COPD, given inhalers to use daily and an emergency inhaler for when I lose my breath severely. Unfortunately, these meds did very little. The emergency inhaler did, though, help me regain my breathing.

A year ago, in January, I was diagnosed with PAH (pulmonary artery hypertension) and confirmed with right-sided heart catheterization reading pressures. The Drs. advised they do not know the cause and there is no cure. Therefore, I was to be on oxygen all the time.

At the same time, they prescribed Sildenafil, Letaris, and Treprostinil, a three-pronged approach to halting the disease progression. Unfortunately, these meds had so many side effects that they became debilitating, and I was miserable.

I was researching how to get more oxygen into my system as my oxygen concentration level in my blood ran around 84-89% most of the time. That is when I found info on MMS1. I started taking three drops every 4 hours in February, but not on a strict regimen. I did get diarrhea for about three weeks. The toxins were being flushed from my system. I weaned myself off sildenafil, then Letaris. I started breathing so much easier, and I had strength and energy. I could walk around the block, where I could not go to the end of my driveway before without gasping for air. It took me six weeks to wean off the infused medication Tripotstinil as it had taken six months to get up to the dose the Dr. prescribed.

In the meantime, all my other illnesses disappeared: hypertension, Type 2 Diabetes, Hyperthyroidism, and even high cholesterol. I feel 500% better and am walking miles a day, gardening, fishing, and even back to playing golf. Without dieting, I have dropped 30 pounds which further strengthened my system. I am still using CDS now and started nebulizing it a couple of times a week, hoping this is a permanent fix. I hope this helps someone, I am not very good with words, but I must say that my prayers have been answered using mms1 and CDS."

Life Rejuvenation

"Age 71. Operated on heart valves 18 years ago, with severe type 2 diabetes with more than 450 u/d of sugar. He injected an average of 40/45 units of insulin daily. He suffered from dizziness, tiredness, and insomnia and took about 15 pills a day. 2 years after taking CDS, of the 15 pills, he is only taking 2. From the daily injection of insulin, he went on to inject only 12 to 18mg/day; with an apparent recovery of the pancreas, he no longer suffers from cholesterol, blood pressure, or heart arrhythmias. He no longer suffers from dizziness, he feels very lively and active, and he no longer has insomnia. He now sleeps like a baby."



Severe Acne Eliminated

"This is how his skin improved in less than two months of applying chlorine dioxide with topical spray (she didn't even take it internally). She left the treatment of her dermatologist."



Mini Stroke

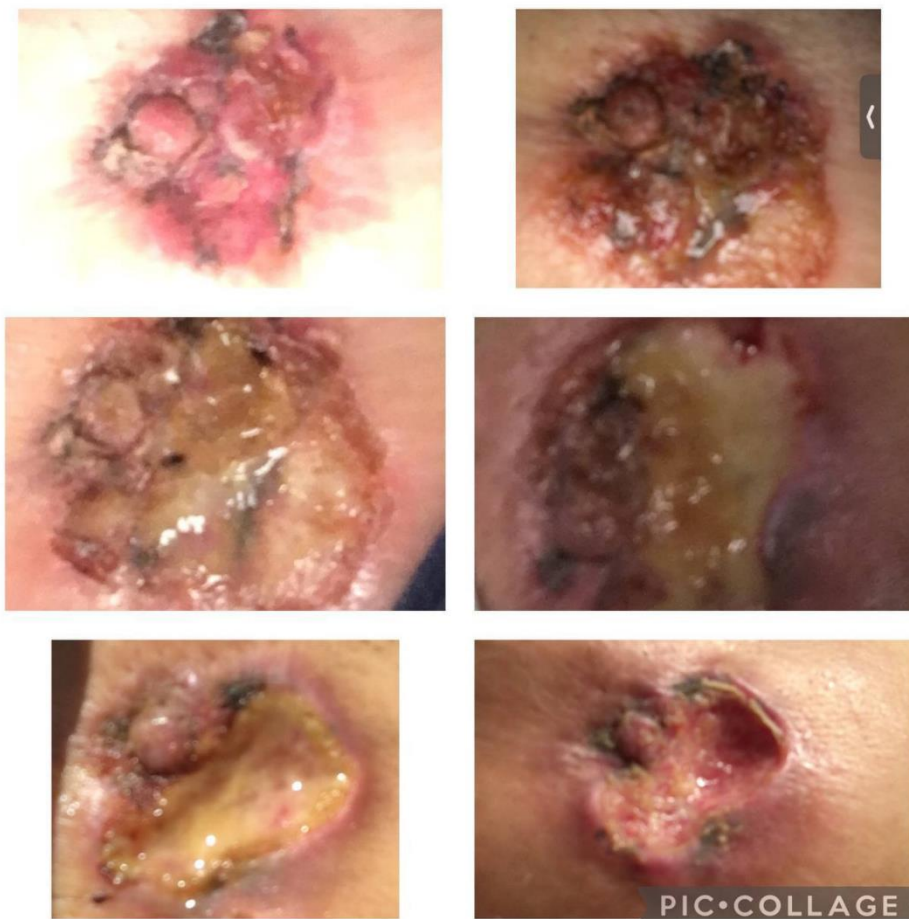
"My husband's neurologist knew about chlorine dioxide and was beyond happy with his test results. Last year, he had a mini-stroke and was prescribed blood thinners, blood pressure medicine, and cholesterol reduction meds. He isn't taking any of it. Not even aspirin. However, he took chlorine dioxide for about six weeks, and his test results are normal. That got the neurologist's attention."

Breast Cancer - 1

Photos from day 1 to day 70 from the top left corner going across and down.

"I have breast cancer - diagnosed in 2013 and thought I had it "beat" by following other methods of healing. I changed my diet, did lots of juicing, tons of expensive supplements, and Vit C IV treatments, you name it. None of it killed my cancer. I never had surgery, chemo, or radiation. Through the years, I felt it worsening, especially since my breast with the tumor started shrinking and lymph nodes in the armpit became painful. I knew things were going seriously south, quickly at this point. I still refused conventional anything. The Lord woke me one morning with a strong message to pull out Jim

Humbles's book and, this time, read it cover to cover, take notes, get started, and most importantly, **STICK WITH IT!** I started in February of this year. I am 70 days into the protocol today, and the tumor is disintegrating before my eyes."



Breast Cancer - 2

"If you have cancer, **DO NOT GIVE UP!** Keep going! I've cried many years of tears, felt discouraged, and felt like the days of my life were numbered. I went from an inflamed, impacted, hardened breast tumor to healing. I never thought I would see it. My stage 4 breast cancer is becoming a thing of the past. Keep going if you have cancer or any other serious illness. If you stick with it and do not cease or lapse, the results will come."

Breast Cancer - 3

(Translated from Spanish) The images show their evolution with the results.

Mom's Cancer was treated with topical CDS and ingested. She took 15 ml of CDS in a liter of water in 10 daily shots for one month. And she topically applied pure CDS in the morning and the evening.



Diverticulitis and Chronic Pancreatitis

“I’ve had severe diverticulitis for years that required antibiotics to control when I had terrible flare-ups. The rest of the time, I felt like I had a sore spot in my lower gut. I started CDS about a month ago & my stomach let me know about it for about a week. I had sharp pains like I was going to have an episode, but it never materialized. I’ve been fine since. Really fine! My sore colon is gone. I had the same thing happen with chronic pancreatitis. It got worse before it got better, but now it’s gone. Both situations happened simultaneously, and I was worried about ending up in the hospital, but I was also thinking that CDS could be doing something, and it was!!”

Congestive Heart Failure

"My dad had congestive heart failure 22 years ago. They replaced a mitral valve and installed a defibrillator at that time. So he has been on coumadin for the last 22 years. Then March & April of 2021, he got the 2 COVID injections, and everything went downhill. By November, he struggled to breathe; oxygen kept dropping to the 80s and sometimes lower. Sadly, my dad was in and out of the hospital Nov, Dec & Jan. One of the times, he had me take him to the ER as his oxygen dropped to the 60s. We were sitting in the ER when a nurse walked in and told me I should put on a mask as my dad had a ‘highly contagious’ type of pneumonia called ‘hospital-induced pneumonia.’ I replied, ‘I don’t need to, as I have a secret weapon in my pocket.’ The nurse asked, ‘what is that?’ I

said, 'have you ever heard of Chlorine Dioxide?' He whipped his head around and said, 'yes, my brother is a holistic doctor who only treats his patients with it!' He turned to my dad and said, 'What are you doing here? You should be home letting your daughter treat you!'

Anyway, he was in the hospital for three days, and his INR levels were high. It was 5.0 the first day, and then on day 3 in hospital, it was 3.5, BUT his tongue split open, and blood clots started coming out of his tongue! He pulled out 5-6 clots throughout the 3rd day & night in the hospital! His oxygen levels had only gone up to 88 while on oxygen. I brought up a 32 oz water bottle with 25ml of CDS and had him drink it while I sat there for 2 hours. His oxygen went up to 99 by the end of those 2 hours, his tongue completely healed up & stopped bleeding & clotting, and his urine went from dark to light. He came home from the hospital, drank the CDS for a few days then stopped.



Shortly after, his breathing issues began again. His oxygen levels continued to plummet slowly, and he continued calling his Drs, who only wanted to pass him off to someone else. He was frustrated that he could not get any answers. The oxygen tank they had given him would only go up to 3 liters a minute, and he claimed he needed 4.5 for it to help him breathe. He finally reached a point where his oxygen was down to 60; he couldn't move, couldn't sleep, was scared, and struggled to care for himself, much less my mom, who is the primary caregiver. So he finally listened to me, made himself a 32 oz water bottle with 25ml of CDS, and started to drink it again. By 9 pm that evening, his oxygen levels were at 100! By day 2, he called me and said that he was feeling pretty good and we should come over for Easter dinner on Sunday as he wanted to cook. He has been on the 25ml CDS for almost two weeks and has not used his oxygen for two days. He was out working in the yard yesterday and feeling great!

Old Man Regenerated In 2 Weeks And Eliminated Neuropathy Meds

I just got my dad off his neuropathy prescription in less than two weeks!!!! It's so worth it!! He looks so much better! He used MMS/DMSO foot baths, DMSO ear/eye drops, drinking MMS, love, and good meals while I was down here in AZ visiting him. I didn't even recognize him when I saw him!!!



Endometriosis/Psoriasis

“My endometriosis was diagnosed in 2009, and I had horrible cramps each month. Sometimes I would faint, vomit myself and more. I had a laparoscopy, and the doctor found out my left ovary was glued to my intestine due to the inflammation and scar tissue. He did a clean-up, but afterward, the pain was still there. The doctor gave me contraceptive pills to reduce it, but it didn't work. I prayed and asked God to give me some natural remedy. I found out Chlorophyll, and I was pain-free until 1-2 years ago. In 2016-2017 got diagnosed with Psoriasis. It was getting worse very fast. Had plaques on my legs, forehead, skull, elbows, and genitals. The pain, inflammation, and itchiness were unbearable. I prayed again for a natural remedy. Found one, but it was kind of a high road to follow but it semi controlled the psoriasis. In some places the plaques disappeared but in others didn't. Last year both conditions started to waken up and none of the remedies were working like the first time. I started to have like Arthritis pain in my body to a point where my husband had to help me bathe. Spent almost 2 months in my house because of the pain, not being able to do anything, until a pastor friend of mine recommended MMS. I thought that pain I was having was related to psoriatic arthritis like my grandfather, but I still haven't found a rheumatologist to confirm it because most of them in Puerto Rico aren't taking new patients under 65 years to treat. After months of pain and having nothing to loose I did my research on MMS and here I am. I did the starting procedure, then the fungus protocol 5-6 days and then started Protocol 1,000 with one drop. Right now I'm up to 2 drops following the 3 golden rules. My routine is having breakfast wait 2 hours and then start the Protocol for the day. I have some light snacks during the day and at the end I eat. Now that I'm pregnant I'm having a light lunch and waiting 2 hours after to continue the protocol. Also used on the psoriasis plaques MMS topically (10 drops per ounce of water every night). After 3 weeks of treatment psoriatic arthritis was almost gone, and 3 months in on treatment it's completely gone. My psoriasis has almost cleared up and my endometriosis pain has reduced almost to nothing. Oh and after 8 months on trying to conceive naturally and without any pressure I just found out I'm pregnant. So I'm grateful to our Heavenly Father for giving me the opportunity to know about MMS. I had my struggles finding my dosage but once I found it, it was a nonstop of well-being.”

Chronic Arthritis Eliminated With Chlorine Dioxide Solution

"I personally saw all my arthritis go away in my knees in less than two weeks. I started at 10ml and did experience a pressure headache for a couple days but fought thru it. Then moved up to 20ml. Prior to CDS my knees felt like they had small pebbles behind them. That's all gone. I am now able to run and do squats without any pain."

Rabbit Ear Mites Cured In 3 Days Spraying Chlorine Dioxide (CDS)



Dog's Ears

My 7 year old golden has the worst ear infection I've seen. Started with the gas protocol first 2 days then I mixed up an activated drop in an ounce of water to make ear drops. We're on day 5 and it's 90% healed. He was in a lot of pain, after I do the drops his pain is either gone or greatly decreased because he normally hates liquid in his ear and hides when I used to use vet prescribed ear drops or flush but he comes to me to get these drops. He knows they are helping him.

Autoimmune Disease

Because of ibuprofen overuse I developed an autoimmune disease that had attacked my kidneys and my colon. In November of last year I had an extremely bad ulcerative colitis flare (where I was passing straight blood) that put me in the hospital for 18 days that could have taken my life.

The Dr wanted to remove my colon and I kicked him out of my room. I knew that at home I had Chlorine Dioxide Solution that would help me to heal my colon and fully recover.

While I was in the hospital I went in the Chlorine Dioxide Testimonies chat room and was helped by so many people that gave me instructions on how to get out of the hospital and treat my condition to achieve a full recovery.

The day after I was released from the hospital I jumped back into my Chlorine Dioxide Solution program and stayed focused on changing my diet and treating my condition with Chlorine Dioxide Solution.

It has been 3 months since I was released from the hospital and I feel better now than I have for well over 12 years, I am about to have a 100% recovery and be able to have the quality of life that I could have only dreamed of even just a couple of years ago.

I am now 100% medication free and living an amazing and very Blessed life. To finally be finished with ALL pills is truly a Blessing from GOD.

Pancreatic Cancer

“As a 40 year old male, originally from Europe, I was enjoying an exciting life in the vibrant city of New York. It was Feb 2021 during the pandemic when I was temporarily in Southwestern Florida working remotely.

While here I had a sudden strike of abdominal pain scared me at night and led me to perform bloodwork. The lab results showed severely deranged liver enzymes, I also had mild signs of jaundice. The first visit to the local ER was a relief as no tumors were seen on the CT scan but was complicated by malpractice during an ERCP procedure. This required another prolonged hospitalization at a larger more competent hospital in Florida. While the hospital was suspicious about cancer, all biopsies were negative and I finally returned to NY with a biliary stent still searching for answers and a conclusive diagnosis of pancreatic cancer.

After almost a dozen visits to specialists at the most renowned clinics in NYC, I was able to obtain the diagnosis of "adenocarcinoma of the pancreas". While I was being scheduled for a "Whipple procedure", a complex surgery, I had another scary local ER visit, experiencing medical incompetence. This experience made me to return back to Europe and pursue treatment there.

After confirming the pathology and an MRI, my surgeon advised me to start on a chemotherapy as the surgery seemed too risky due to the proximity of the tumor to major blood vessels. I received a few cycles of Folfirinox which I tolerated poorly and required hospitalization due to Cholangitis. A CT scan showed significant bile duct dilation in spite of a biliary stent as well as a lesion on the liver, I decided to explore alternative routes, considering an immunotherapy at a different clinic.

At the same time, I pulled out the bottle of MMS that I had carried in my luggage from NYC but never seriously administered. As a scientist myself, I was initially skeptical but I thought I had nothing to loose. I started low but increased rapidly to approx. 5 drops 10 times a day. When I had the initial exams in September at the new clinic, 6 weeks had already lapsed, only treating myself with MMS. My CA19-9 (tumor marker) was down to 150 from 350 (May). 2 weeks later it was 60. The CT scan showed no dilation of bile ducts and disappearance of my gallbladder sludge. A further MRI disclosed shrinkage of my primary tumor. Also, bloodwork had normalized (Hb, Protein, Potassium, Albumin). Clinically, I was feeling much better, gaining weight and recuperating strength, and unexpectedly a hormone test showed high levels of testosterone, of which I had been deficient a few years ago.

I decided to concurrently start with Immunotherapy. A few weeks into it, my liver enzymes still being significantly elevated, I decided to start with MMS2 (Calcium Hypochlorite) as per protocol 2000. As I was nervous, I started on a low dose (50mg per capsule) and subsequently increased to about 800mg per day spread out over 5 capsules. My intention is to increase this to the protocol's maximum of 2000mg and then further up my MMS1 dose. I did not have any remarkable side effects since taking it, but my liver enzymes (AST&ALT) have continuously normalized since then. Obviously, as I'm now receiving immunotherapy concurrently to MMS, one cannot isolate the effects, but my gut feeling is that the addition of MMS2 is further helping. What I have proved sufficiently to myself though is that MMS has been effective as for a period of 8 weeks I

did not have any concurrent traditional treatment, and I had seen a tremendous improvement. Unfortunately, my journey doesn't end here, and the fear of this devastating cancer remains. However, I don't have the same feeling of desperation as I had at the time of diagnosis and chemotherapy. Experimenting with MMS and observing its results has filled me with hope.

Almost a year after diagnosis, I have a decent live quality being able to perform daily chores, maintain my weight and participate in light sports activities. Having followed many cases of pancreatic cancer, I know that this is not the typical course of the disease, and I'm very grateful for how far I've come."

Retinopathy Improving And Vision Blind Spot Eliminated

"I have a friend who is doing CDS orally and eye drops with CDS and at times including DMSO with the CDS drops. He has Retinopathy and HAD a blind spot in one eye. After doing the above protocol for three weeks, the blind spot in his eye is gone! He no longer uses his reading glasses to see the computer or papers on his desk at work. Ophthalmologist was extremely impressed with the pictures from the previous month (before CDS and drops) to the present pictures of his dilated eyes. My friend got choked up when he saw the significant difference in the before and after images of his eyes."

Long COVID

"I had 'long covid' for 1 whole year. My abdominal aorta was inflamed (and because of that, my spleen as well) and had all the symptoms of 'covid envenomation'. I've tried all kinds of herbs and supplements with little success. They all helped in reducing the symptoms but none managed to remove the virus/venom from my abdominal area. I made CDS (around 2000 ppm) and started with 6 x 120 ml shots a day (10 ml CDS dissolved in 1L of water). I felt an improvement from day 1. At day 5, I was already feeling renewed and my strong abdominal pulsation was reduced to a minimum. Now, after 16 days of treatment I feel amazing. All symptoms gone."

Lupus In Remission/Cured

"I'm not sure if I'm cured, but I can tell you that per my last blood work results, my rheumatologist said that my lupus is in remission. For years they were always positive and in terrible joint pain, including rashes on my face and head! I was getting corticosteroid injections twice a year, and in between was getting PRP (plasma) injections twice a month, drinking ibuprofen 800 every day twice a day. They did help, but the pain and lack of energy were always there. I'm actually in shock still with the CDS results... I feel as if Jesus himself was in that water. In a matter of 7 days, I didn't have to take one, not even one ibuprofen, and I didn't need the muscle relaxer I would need every night. As of today, after just two months of drinking the "holy" water, I feel 100%! Teary eyes right now...."

Chronic Sinus Problems Eliminated

"I would like to encourage everyone who struggles with sinus infection to try MMS. I used one drop of activated solution in a 30 ml bottle (best to use saline solution) three times a day, four drops in each nostril. It took me two weeks to be able to breathe through the nose and my body is re-learning nostril breathing. I don't remember when was the last time I was able to breathe through my nose. I will also try protocols for asthma and allergies."

Sinus And Bronchial Infection Rapidly Cured With Nebulized Chlorine Dioxide

"I've been diagnosed with idiopathic pulmonary fibrosis, which has been in remission for almost six years. I recently developed a respiratory infection with sinus and bronchial involvement and was worried about developing pneumonia.

I watched Curious Outliers video on nebulizing CDS, and mixed the solution. I added 5 ml to the cup, and used the mask. I did this once, two days in a row, and when I woke up today I feel 100% better! My nose has 85% stopped running, and my chest feels normal. I can't thank you enough for showing me how to help myself with CDS! God bless you and the UA community!"

Dementia

I can tell you about our experience with dementia. My 83 yr old mother has it. She has been on MMS since December 18th. She is doing 3 drops with DMSO now. She was unable to dress herself, clean up after an accident, and there were many. She couldn't hold any conversations. She wasn't reading etc... She now makes her bed, folds her clothes, dresses herself. No more accidents. She is reading and doing her word searches. She is able to remember what day it is sometimes, plus bits and pieces from previous conversations. She can carry a small 10/15 minute conversation now. All of this in just three months. Not to mention she is off her dementia medication, her high blood pressure medication, and her diabetes is getting closer to pre-diabetes vs. type 1. She has come a very long way.

Type 2 Diabetes Reversed

"Maria Evita Moreno Cornejo, diabetic mellitus type 2, since May 2015. She was on insulin. Her nephew gave her CDS. She took 1 ml 8 times per day. She felt very fatigued at first because she continued with insulin. Her previous levels were between 300 and 400. The doctor told her that only if she went down to 60 she could stop the insulin. After three months she was off insulin. The doctor told her he had never seen that before. He believed she did that just with her diet (she didn't tell the doctor that she had taken CDS). Her initial reaction to CDS was diarrhea. She's fine now. Her current maintenance dose is for activated drops of MMS."

Type 1 Diabetes Reversed

"Matthew Fa'anunu is ten years old from Vava'u, Tonga. He was diagnosed with Type 1 Diabetic in January 2018, a very rare disease not common with the Polynesian people. He was hospitalized for three weeks, and he was hyperglycemic. The doctor advised my family that Matthew's pancreas was totally damaged, and he would be on insulin injections for the rest of his life. I had to monitor his sugar level by measuring it at 7 a.m, 12 p.m. and 7 p.m. daily plus recording all his food intake and regular clinic appointment.

Matthew was re-admitted to the hospital as he was consuming the wrong foods at school and went through hyperglycemia again. He was in the hospital for two weeks. He was on insulin until I met Ron Pringle in September in Vava'u. He shared with me about MMS, and I immediately joined Ron in taking the MMS both for myself and also for my son Matthew. I continued to measure his blood sugar as usual and finally decided to take him off the insulin in the 1st week of October. Matthew will be 7th week this Saturday without the insulin, which is a MIRACLE. His blood sugar has never gone above 6.2 (BSL) so far, even he had enjoyed coconut cake and chocolate brownie.”

Radiation Dangers And What To Do About It



Radiation at extremely low levels is a health hazard that medicine is not dealing with because it uses dangerous radiation levels to diagnose and treat diseases. Unfortunately, radiation hazards have been grossly underestimated because they have to be. The medical and atomic power industries would be vulnerable to staggering liabilities if they were not.

We should be as concerned as NASA scientists are for their astronauts, especially if we live near a cell tower, a 5G antenna, have had CT or PET scans, mammograms, use Wi-Fi and other wireless communication, or are frequent fliers. And now, Elon Musk is putting up thousands of low orbit satellites, which will bombard the earth with more radiation than ever.

The American Cancer Society concedes, “Radiation can damage normal cells, and sometimes this damage can have long-term effects. For instance, radiation to the chest area may damage the lungs or heart. In some people, this might affect a person’s ability to do things. Radiation to the abdomen (belly) or pelvis can lead to bladder, bowel, fertility, or sexual problems in some people. Radiation in certain areas can also lead to fluid build-up, swelling in body parts, and a problem called lymphedema. A long-term problem linked to radiation treatment is the possible increased risk of getting a second cancer many years later. The radiation damage to healthy tissues causes this. The risk of this happening is real.”

*It is the inability to see the effects of chronic,
low-level toxicities on human health that have been,
and remains our greatest failing as intelligent beings.
Dr. Boyd Haley*

In June 2011, we saw in the New York Times that hundreds of hospitals across the country needlessly exposed patients to radiation by scanning their chests twice on the same day, exposing them to massive amounts of radiation needlessly. Double scans expose patients to extra radiation while heaping millions in additional costs on an already overburdened

Medicare program. A single chest CT scan equals about 350 standard chest X-rays, so two scans are twice or as high as 884 X-rays.

Radiation exposure became a significant concern in October 2009 after the FDA said it was investigating 206 cases of patients being exposed to toxic doses of radiation during CT scans of the brain at Cedars-Sinai Medical Center in Los Angeles. High doses of radiation can cause skin burns, cataracts, and other injuries — and, in extreme cases, cancer and death. The FDA said it received 1,182 medical device reports about problems between December 31, 1999, and Feb. 18, 2010. A review of the reports showed that linear accelerators — machines that deliver a concentrated beam of electron radiation directly to the tumors — accounted for 74 percent of the complaints.

Urgent warnings by government experts about the risks of routinely using powerful CT scans to screen patients for colon cancer was brushed aside by the Food and Drug Administration, according to agency documents and interviews with agency scientists.

CT scans deliver far more radiation than most believe and may contribute to 29,000 new cancers yearly, along with 14,500 deaths. A patient could get as much radiation from one CT scan as 74 mammograms or 442 chest X-rays. So we can see how brutal CT scans are and how barbaric it is when double scans are used for no other reason than to increase what can be billed to Medicare or private patients.

Soaring numbers of kids are getting CT scans in emergency rooms. The number of ER visits nationwide in which children were given CT scans surged from about 330,000 in 1995 to 1.65 million in 2008—a five-fold increase.

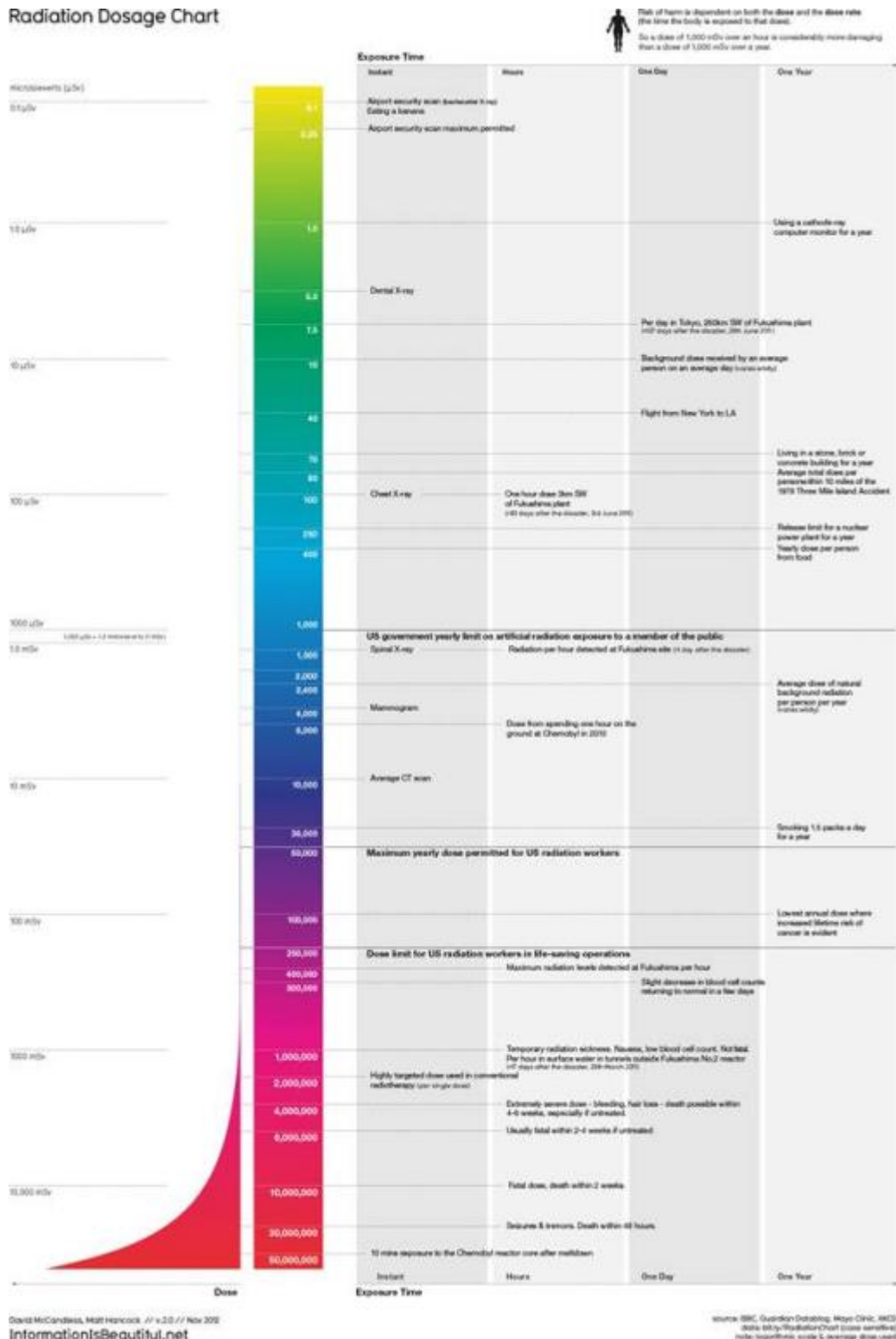
Researchers have found that the amount of radiation delivered by each scan varied widely. Even when looking at the same type of scan on the same body part, one person's radiation exposure could be as much as 13 times higher than another's. The risk of developing cancer following one of these scans varied dramatically depending on how much radiation patients received and their age and sex.

A chest x-ray results in a dose equivalent of about ten millirems; a mammogram about 200-300 millirem; an abdominal examination about 400 millirems; and a CT examination (computed tomography, also called “CAT scan”), between 2,000 and 10,000 millirems.

When radiation therapy is used to treat cancer, **a very large dose of radiation, about 5,000,000 millirems** (or 5,000 rem) (50,000 mSv), is delivered to the tumor site. Below is a chart that says that each dose of radiation treatment provides 2,000,000 millirems, so with the multiple treatments most patients receive, it is easy to see how fast they get up to a fatal dose. Ten thousand mSv is a deadly dose. That is 10,000,000 millirem.

Dr. Sternglass concluded that all the research led to the most tragic conclusion that the unborn fetus was hundreds or thousands of times more sensitive to radiation than anyone had ever suspected.

Radiation Dosage Chart



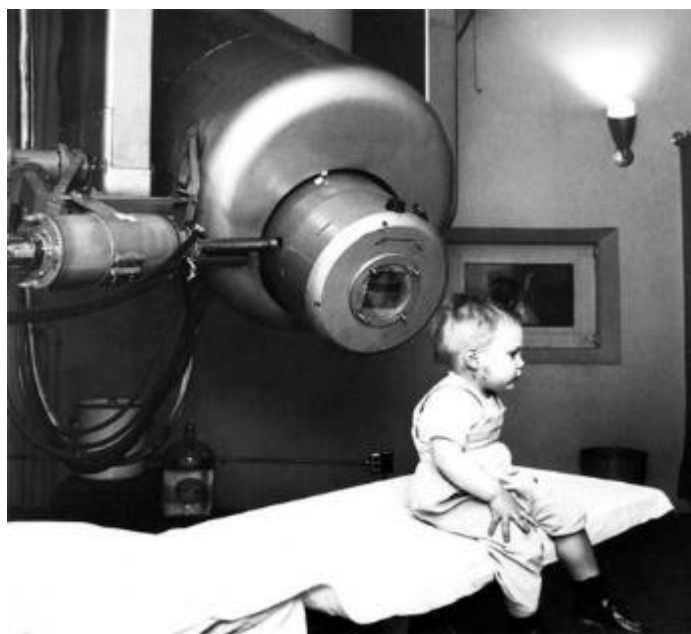
[See Chart](#)

As early as 1955, Dr. Alice Stewart, head of the Department of Preventive Medicine at Oxford University, became aware of a sharp rise in leukemia among young children in England. By May 1957, her study had been completed after analyzing 1299 cases, half of which involved leukemia and the rest mainly brain and kidney tumors. The data showed that babies born of mothers who had a series of X-rays of the pelvic region during

pregnancy were nearly twice as likely to develop leukemia or another form of cancer as those born of mothers who had not been X-rayed. Dr. Stewart concluded that the dose from diagnostic X-rays could produce a clearly detectable increase in childhood cancer when given during pregnancy.

Dr. John Gofman, M.D., Ph.D., was a nuclear physicist and author of *Radiation from Medical Procedures in the Pathogenesis of Cancer and Ischemic Heart Disease*. His findings strongly indicate that over 50% of the death rate from Cancer today and over 60% of the death rate from Ischemic Heart Disease today are x-ray-induced.

What to do about increasing radiation exposure?



Dr. Brownstein writes, “If there is enough inorganic, non-radioactive iodine in our bodies, the radioactive fallout has nowhere to bind in our bodies. Instead, it will pass through us, leaving our bodies unharmed. Therefore, it is important to ensure that we have adequate iodine levels BEFORE fallout hits.”

Everyone should ensure they are taking enough minerals because radioactive substances mimic their non-radioactive mineral substances. Strontium mimics calcium, for example, making it extremely dangerous to all life forms once it is absorbed.

Drink lots of iodine, sodium bicarbonate, and magnesium, and start drinking a glass of ultra-pure edible clay each day. Edible clay is one of the most basic detoxification substances. It helps make sure absorbed radioactive particles pass through instead of into us. When was the last time you remember your doctor telling you to take magnesium or any of these other substances, or even sulfur, to reduce the risk that our exposure would lead us to cancer?

Because too much radiation exposure leads to massive amounts of oxidative stress, one of the newest and most potent anti-radiation therapies is hydrogen gas, which puts out oxidative fires like a fleet of firetrucks at a big fire. The first report demonstrating the benefits of drinking hydrogen water in patients receiving radiation therapy for malignant

tumors affirms how helpful hydrogen is for radiation exposure. Furthermore, this finding provides the foundation for a clinically appropriate, effective, and safe strategy for delivering hydrogen gas to mitigate radiation-induced cellular injury. In an increasingly radioactive world and with doctors using more radiation to diagnose and treat a disease than ever, hydrogen will be life-saving for many.

Cosmic radiation induces DNA and lipid damage associated with increased oxidative stress and remains a significant concern in space travel. Hydrogen has potent antioxidant and anti-inflammatory activities. Scientists hypothesize that hydrogen administration for astronauts, by either inhalation or drinking hydrogen-rich water, may potentially yield a novel and feasible preventative/therapeutic strategy to prevent radiation-induced adverse events.

Hydrogen Therapy To The Rescue

If Hydrogen therapy may reduce the risks related to radiation-induced oxidative stress in space flight, what do you think it can do for us on the ground? From a research paper from NASA scientists, we read:

"Cosmic radiation induces DNA and lipid damage associated with increased oxidative stress and remains a major concern in space travel. Hydrogen, recently discovered as a novel therapeutic medical gas in various biomedical fields, has potent antioxidant and anti-inflammatory activities. It is expected that space mission activities will increase in the coming years, both in numbers and duration. Therefore, it is important to estimate and prevent the risks encountered by astronauts due to oxidative stress before developing clinical symptoms of the disease. We hypothesize that hydrogen administration to the astronauts by either hydrogen inhalation or drinking hydrogen-rich water may potentially yield a novel and feasible preventative/therapeutic strategy to prevent radiation-induced adverse events."

Hydrogen inhalation will extend the time astronauts can stay in space, and it will lengthen the time we can stay alive and healthy on the ground. Meaning it is the perfect anti-aging therapy. A real fountain of youth! Want to feel young again, do the ultimate sleep therapy, breathing a combination of hydrogen and oxygen gas all night, every night. I can tell you what it did for me doing that for only six weeks. I feel better than I have in ten years, and look it too!

"In recent years, many studies have shown that hydrogen has therapeutic and preventive effects on various diseases. Its selective antioxidant properties were well noticed. Most of the ionizing radiation-induced damage is caused by hydroxyl radicals (% OH) from the radiolysis of H₂O. Since hydrogen can mitigate such damage through multiple mechanisms, it presents considerable potential as a novel radioprotective agent."

Ionizing radiation has been well connected to various biological damaging effects for years. Since World War II, abundant knowledge about radiation's physical effects has been generated and documented. Exposure to ionizing radiation can lead to many hazards, including genetic mutations, induction of cellular death, and carcinogenesis.

Sodium Bicarbonate (Baking Soda) and Radiation

The oral administration of sodium bicarbonate diminishes the severity of the changes produced by uranium in the kidneys.

The kidneys are usually the first to show chemical damage upon uranium exposure. Old military manuals suggest doses or infusions of sodium bicarbonate to help alkalize the urine if this happens. This makes the uranyl ion less kidney-toxic and promotes excretion of the nontoxic uranium carbonate complex. The oral administration of sodium bicarbonate diminishes the severity of the changes produced by uranium in the kidneys.

Magnesium and Protection from Radiation

The involvement of free radicals in tissue injury induced by magnesium deficiency causes an accumulation of oxidative products in the heart, liver, kidney, skeletal muscle tissues, and red blood cells, leaving them more vulnerable to oxidative stress caused by radiation exposure. In addition, radiation exposure and heavy metals produce oxidative stress and increased reactive oxygen species (ROS—oxygen free radicals, peroxides, and singlet oxygen). It is known that these increased levels of intracellular ROS are sufficient to trigger apoptosis (cell death).

Glutathione synthetase requires γ -glutamyl cysteine, glycine, ATP, and magnesium ions to form glutathione. In magnesium deficiency, the γ -glutamyltranspeptidase is lowered. There is a direct relationship between cellular magnesium, GSH/GSSG ratios, and tissue glucose metabolism. Magnesium deficiency causes glutathione loss, which is unwelcome as the radiation clouds are touching down across the northern hemisphere.

Magnesium deficiency causes glutathione loss, which is not healthy because glutathione helps defend the body against damage from cigarette smoking, exposure to radiation, cancer chemotherapy, and toxins such as alcohol and just about everything else.

According to Dr. Russell Blaylock, low magnesium is associated with dramatic increases in free radical generation and glutathione depletion. This is vital since glutathione is one of the few antioxidant molecules that neutralize mercury. "For every molecule of pesticide that your body detoxifies, you throw away or use up forever a molecule of glutathione, magnesium, and more," says Dr. Sherry Rogers. In addition, she says, "Your body uses nutrients to make this glutathione, and it uses up energy as well. So every time we detoxify a chemical, we use up, lose, and throw away a certain amount of nutrients forever."

Iodine and Radioactive Protection

Dr. Brownstein writes, "If there is enough inorganic, nonradioactive iodine in our bodies, the radioactive fallout has nowhere to bind in our bodies. Instead, it will pass through us, leaving our bodies unharmed. Therefore, it is important to ensure that we have adequate iodine levels BEFORE this fallout hits."

Medical Marijuana

Rick Simpson said, "I have seen patients suffering from cancer who were severely damaged by the effects of radiation treatments and were able to eliminate the damage quickly. Some who have come to me that had radiation treatments were burned so badly

by its effects that their skin looked like red leather. However, after ingesting the *Hemp oil treatment*, their skin returned to its normal healthy state, and the radiation burns disappeared completely.

Conclusion

Reducing the amount of oxidative stress we constantly face is one of the most important things we can do for our health. Chronic oxidative stress is the leading cause of late post-radiation effects, including cancer. Cellular exposure to ionizing radiation leads to oxidizing events that alter atomic structure through direct radiation interactions with target macromolecules. Further, the oxidative damage may spread from the targeted to neighboring, non-targeted bystander cells. In irradiated cells, levels of these reactive species may be increased due to perturbations in oxidative metabolism and chronic inflammatory responses, thereby contributing to the long-term effects of exposure to ionizing radiation on genomic stability.

Radiation is an invisible terror that works insidiously in the background, so it is easy to hide its place in the deterioration of the public's health. But slowly and steadily, radiation hazards will destroy not only our health but that of our children and many more generations to come.

Radiation is increasing in our world. There is no controversy that most forms of radiation create oxidative stress, which can cause cancer. There are many reasons to get serious about radiation exposure, but the press, doctors, and the government would rather you not take any defensive actions to protect your health. Instead, they would rather you get frantic about the carbon dioxide and how it will end the world.

Do You Want To Live Forever?



If you are interested in living forever, know that enduring youth can be yours with enough oxygen. Dr. Arthur C. Guyton says, "All chronic pain, suffering, and diseases are caused by a lack of oxygen at the cell level." Insufficient oxygen means insufficient biological energy resulting in anything from mild fatigue to life-threatening disease. "Oxygen plays a pivotal role in the proper functioning of the immune system," said Dr. Parris M. Kidd. Low oxygen conditions lead directly to inflammation. Chronic inflammation mirrors our body's low oxygen state.

Theo Zenou writes in The Washington Post, "Immortality might seem like the stuff of science fiction, yet it's increasingly becoming the focus of real science. In 2013, Google launched Calico, a biotech firm whose objective is to "solve" death. PayPal co-founder Peter Thiel, meanwhile, has pledged to "fight" death. Immortality — or anti-aging, as researchers soberly call it — is the next big thing. Estimates put the industry's worth at a staggering \$610 billion by 2025."

Scientists think they are writing a new chapter in the history of our quest for eternal life. They are not. These rich, super cool cats are barking up the wrong tree. The best is already available at low prices so that everyone can live longer and be healthier. But we need to forget about immortality and learn to enjoy our lives in the present.

*Part of approaching any more extended existence
includes avoiding COVID vaccines like the plague.*

I have written extensively about anti-aging and will summarise that work below. But today, we introduce something new to a list of substances that will undoubtedly be the tip of the spear in any anti-aging protocol: chlorine dioxide.

Living Longer with Bicarbonate



Research published recently in the Clinical Journal of the American Society of Nephrology found that having balanced bicarbonate levels in your body reduces the chances of early death. The study examined data compiled in the Health, Aging, and Body Composition Study for 2,287 participants.

Study author Dr. Kalani Raphael, associate professor and nephrology and hypertension specialist at the University of Utah, investigated pH, carbon dioxide, and bicarbonate associated with long-term survival. According to the University of Utah, "Critically ill patients with severe acid-base abnormalities have a very low likelihood of surviving their illness."

Dr. Raphael found that low bicarbonate levels are linked to an increased risk of premature death by 24 percent. "What we found was that generally healthy older people with low levels of bicarbonate had a higher risk of death," Raphael said. *Bicarbonate deficiencies increase as we age*. Addressing those deficiencies with the three types of bicarbonates ensures we live a healthier and longer life.

Bottom line. Bicarbonates are miracle medicines, and just because baking soda is dirt cheap, do not overlook this in your anti-aging protocol. The practice of pH Medicine, which gives us a handle on CO₂ levels in the blood and thus oxygen levels, is handled best using bicarbonates.

Magnesium



Because magnesium deficiency causes all kinds of havoc with our cell physiology and worsens as we age, appropriate magnesium supplementation will help ensure you don't age so fast. When magnesium is deficient, things begin to die, but our body physiology tends to hum along like a finely tuned racecar when our body's magnesium levels are topped off. Most doctors do not want to acknowledge that magnesium deficiency can lead

to cancer, thus a significant shortening of life. The same goes for diabetes and heart disease—magnesium deficiency brings on these diseases.

Light Deficiency as a Cause of Aging and Disease



We all know that too much sun can cause cancer; we cannot bake and burn ourselves to a crisp without consequences. However, a lack of sunlight can also cause cancer. Vitamin D deficiencies (lack of light) can develop prostate and breast cancer, memory loss, and an increased risk of developing dementia and schizophrenia.

Plants love to turn toward the light. They stretch for it, and so do we. Light, heat, color, warmth, energy, electrons, electricity, and electromagnetism all interact with the water in us, increasing energy and ATP production. Light animates us because we are light. We need light.

"It seems clear that **light is the most important environmental input, after food, in controlling bodily function**," reported Dr. Richard J. Wurtman, a nutritionist at the Massachusetts Institute of Technology. "Sometimes I get the impression my dermatologist colleagues would be happiest if we lived in caves," says Wurtman, who recommends 20-minute walks at noon daily to get the sunlight we need.

Hydrogen Inhalation Therapy



You are looking at the ultimate anti-aging machines.

Hydrogen Medicine pushes against time. It is a wind that blows ICU patients away from death's door and reasonably healthy people back toward youth. Dr. Nick Delgado says, "Mounting evidence suggests hydrogen therapy may be the fountain of youth we have been searching for. Hundreds of studies confirm it's safe but highly effective for treating numerous diseases, enhancing energy and sports performance, and promoting optimal health and longevity."

Hydrogen creates a homeostatic balance between oxidative stress and antioxidants. Molecular Hydrogen is a powerful antioxidant that helps defend cells and genes from damage and death caused by harmful free radicals. Hydrogen enhances longevity with its anti-inflammatory and antioxidant properties because aging is caused by tissue degeneration, oxidative stress, and inflammation.

EWOT – Exercise with Oxygen Therapy



EWOT is a technique that offers much higher therapeutic results than expensive, inconvenient hyperbaric chambers do. EWOT involves breathing high levels of oxygen while exercising. The higher oxygen level in the lungs creates a more significant head of pressure to drive oxygen into the pulmonary capillaries. As a result, the exercise moves the circulation faster, ensuring excellent oxygen carriage. Initially, the oxygen pressure in the veins rises as more oxygen gets through to the venous side. This oxygen allows the capillaries to repair their oxygen transfer mechanisms.

Open Radiating Heart



I have already written that open and radiating hearts stay young forever. The spiritual heart, when wide open, represents a fountain of youth and a force that helps us resist environmental insults, infections, and disease. There is nothing like love and an unselfish disposition to sustain a person through the decades.

Dr. Norman Shealy and Dr. Caroline Myss both believe that love of others and being loved are vital factors in improving the immune system, increasing life expectancy, and creating overall happiness. What does love have to do with stress-free living? "Everything!" says Dr. Brenda Schaeffer

Don't Forget the Glutathione



Dr. Rajagopal Viswanath Sekhar, an associate professor of medicine-endocrinology at Baylor College of Medicine, says that mitochondria can play a vital role in slowing aging. The anti-aging supplement that Dr. Sekhar and his colleagues tested increases glutathione. Glutathione is a natural antioxidant found in cells. This antioxidant is vital in protecting our bodies from oxidative stress and protection from mercury and other toxic metals.

The levels of glutathione in our bodies decrease as we age. When that happens, our bodies experience more oxidative stress, and our mitochondrial start to function less efficiently. Dr. Sekhar increased the life span of mice by correcting their glutathione deficiency.

What are the 21 Basic Causes & 4 Basic Characteristics of Cancers?



The truth is that there is no one cause of cancer. Instead, a diversity of causes acting simultaneously through the years leads to each person's cancer. That means there is no single demon that we can blame our cancer on. As you go through the below list of causes, try to pick what you think are the principal causes in your case. In general, most cancer patients will suffer from multiple causes. Each cause suggests an intelligent treatment to address the specific cause.

From the start, it is essential to understand that oncologists want patients to think that cancer is spontaneous--that it is something that happens without a cause. But unfortunately, the cancer industry plays a vicious mind game with cancer patients and their families. What they say dis-empowers patients and leaves them vulnerable to their doctors and treatments.

Though the line between causes and fundamental characteristics of cancer is blurry, the below division listing four main features and 21 primary causes will give you an idea of the territory we need to cover in cancer.

There is a lot for us to learn about the causes of cancer, but the most fundamental cause, the one that the most other reasons cause, is low oxygen delivery to the cells. "Low oxygen levels in cells is the primary cause of uncontrollable tumor growth in most cancers," according to Dr. Ying Xu at the University of Georgia. The findings of his study run counter to widely accepted beliefs that genetic mutations are responsible for cancer growth. "If hypoxia, or low oxygen levels in cells, is proven to be a key driver of certain types of cancer, treatment plans for curing the malignant growth could change significantly," said Dr. Xu.

4 Basic Characteristics and Causes of Cancer

1. Inflammation as a Basic Cause and Characteristic of Cancer
2. Deficient Oxygen/Acid Conditions as a Cause and Characteristic of Cancer
3. Mitochondrial Dysfunction and Fermentation as a Cause and Characteristic of Cancer
4. Oxidative Stress as a Fundamental Cause and Characteristic of Cancer

21 Causes of Cancer

1. Nutritional Stress
2. Emotional Stress
3. Toxic Chemicals and Heavy Metals
4. Physical Stress, Lack of Physical Exercise, and Fast Breathing
5. Free Radicals and Oxidative Stress
6. Radiation, Genes, and DNA Mutations
7. Infections
8. Doctors and Chemotherapy
9. Light Deficiency
10. Low Body Temperature and Weakened Immune System
11. Deficiency of Carbon Dioxide
12. Dehydration
13. Vitamin D Deficiency
14. Medical Tests
15. Mineral Deficiencies
16. Lack of Detoxification and Chelation
17. Diabetes and Mercury
18. Special Case of Fungus/Antibiotics
19. The Special Case of Magnesium Deficiency
20. Obesity
21. Modern Dentistry

The Difficulty with Understanding and Establishing Causes of Cancer

It is easy to confuse cancer's causes and fundamental characteristics. However, an overview of cancer's characteristics tells us that cancer involves inflammation, acid pH, low oxygen conditions, low CO₂ levels, angiogenesis, lower core body temperatures, nutritional deficiencies, and high tissue and cellular toxicity levels with heavy metals and chemicals.

To understand cancer, we need to learn to think about many dimensions/factors that cause cancer simultaneously. After all, we are usually dealing with simultaneous causes. Fortunately, it is not as complicated as it sounds. My *Conquering Cancer Course* puts everything into a unified protocol to treat many of these causes simultaneously, but *Forbidden Cures* is now a required text for everyone doing the course.

Understanding causes helps us select appropriate treatments for ourselves and our loved ones. Unfortunately, oncologists, who obsess with genetics, miss out on many cancer dimensions. Of course, our genetics are involved, but usually, other causes and disturbances in us and the cytoplasm of our cells reach down into the nucleus to wreck adverse changes.

Oncologists insist that cancer is a genetic disease, which blinds them to one of the great truths of modern-day life—that we are all being poisoned—that this causes oxygen starvation/hypoxia in the cells. Toxicity and low oxygen conditions are primary causes of cancer. However, they are not the only causes of cancer though they are the usual common denominators present in most cancer patients.

Emotional Stress Causes Cancer

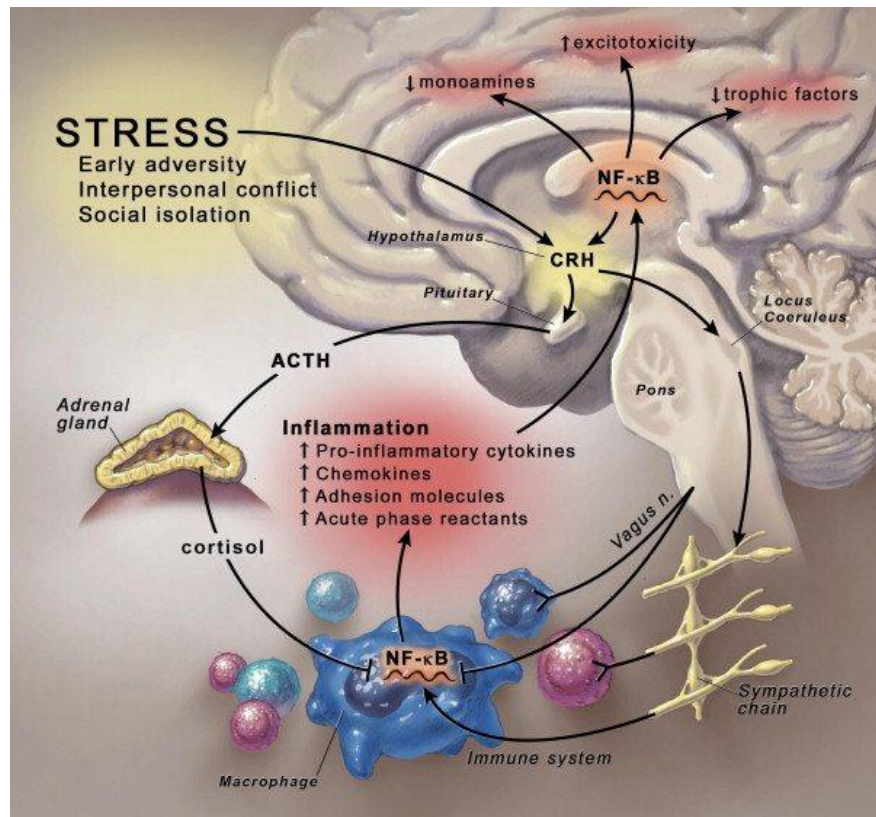


There are quite a few researchers and doctors who feel that cancer starts with stress and emotional shocks. However, it does not matter where the stress comes from for cells. Extreme traumatic events can quickly weaken the immune system, making it more susceptible to infections and cancer. In many cases of serious illness, a core issue is hiding an emotional, spiritual or mental level. Or there is an unresolved conflict repeatedly repeated in a person's life. (Cellular stress results equally from toxins, radiation, intense emotions, and nutritional deficiencies.)

Dr. Nalini Chilkov writes, "Cancer risk increases when the immune system is compromised by stress, loss of sleep, depression, inability to eat, poor nutrition. When a woman is traumatized by sexual violence and sexual assault, particularly if it was perpetrated by someone she trusted, such as her partner or a family member, her immune system will be compromised, and her risk of many diseases, including cancer, will increase."

Cancer is often caused by a shock experience like rape, war trauma, or the sudden death of a loved one. Such shocks occur not only in the psyche but simultaneously in the brain and the organ. Psychological factors influence physical symptoms. Psychosomatic

medicine deals with stress and emotional trauma. Emotions and mental disorders impact the brain, which gets communicated to corresponding organs in the body.



When the body is under stress, it releases hormones — such as adrenaline and cortisol that cause suppression of our immune system. Stress does wide-scale damage to our physiology and even reaches down to forcing activation of specific genes and deactivating others, leading to changes impacting cancer growth. For example, the stress hormone cortisol can change the body's genetics and interfere with the ability of tumor-suppressing genes to do their job. Stress feeds the fire of inflammation, tumor growth, and metastases.

Thus it is not surprising to read a study^{xiii} published in the *Journal of Psychosocial Oncology* reports that women who get help with pain and emotional distress have lower anxiety, fatigue, and depression levels. In addition, a study published in the *Journal of Personality* shows that women with breast cancer who express their anger, fear, sadness, and affection in a group setting live longer than women who suppress these emotions.



Emotions matter in medicine. One large-scale study among approximately 2,000 middle-aged male employees of the Western Electric Company reported that **those individuals who were more depressed were 2.3 times as likely to die of cancer** during the following 17 years than their non-depressed counterparts.

Thus we hear Lothar Hirneise, an unorthodox healer telling cancer patients, “Then I tell them that one of two things are going to happen: either you’re going to die soon or you’re going to stay alive. If you’re going to die soon, you’re better off having lots of fun now, right? If you’re not going to die, you’re better off having fun now, too, because there’s **nothing better for your immune system**. It sounds crazy, but I have a lot of fun with people that come to me.” And in today’s world of stress, this does make some sense.

"Getting a good night's sleep is fairly simple if you allow yourself to do it. The big problem for cancer patients is they take too much on themselves and don't give enough time to help their bodies cope with the illness. They're worried about burdening their families and fulfilling their usual obligations," says Spiegle.



Before you read the next paragraph would be good to stare at this picture for a moment and take some slow deep breaths. One easy way to relax and reset one's autonomic nervous system is consciously breathing several times a day. How you breathe — fast or slow, shallow or deep — sends messages to your body that affect your mood, stress level, blood pressure, and immune function. It will even change how your heart beats. An excellent technique to improve your body's basic parameters is the Buteyko Breathing Method to ease stress and anxiety. That is to breathe in for the count of 4, hold the breath for the count of 7 and breathe out through the mouth for a count of 8. Do that now before going on for the next paragraph communicates the brutal condition way too many people are facing in modern-day life.

Micheal Snyder writes about the current state of affairs, saying, “According to a shocking new report from the Commonwealth Fund, the suicide rate in the United States is the highest that it has ever been. Sadly, the same can be said about the death rates from drug overdoses and alcohol. All three death rates are at a record high, and yet our society is still fairly stable at the moment. So if we are seeing this many “deaths of despair” right now, what in the world are things going to look like when our society really begins to start crumbling? Today, Americans have thousands of different ways to entertain themselves, yet we have never been unhappier. One out of every six Americans is taking psychiatric drugs. We are currently dealing with “the worst drug crisis in American history.” People are killing themselves in record numbers. Nobody likes to be told that they are a failure, but it certainly appears that our nation has been on an extremely self-destructive path for a very long time.”

The Feelings of the Heart

Before you go on with your reading, try to open your heart to feel what Snyder describes. Open your heart until some tears start to flow as you get in touch with your vulnerability that can touch all of these people's vulnerabilities. Nothing makes us feel more vulnerable than cancer, but as Dr. Brené Brown shares below, one can turn that vulnerability into an asset that can help with cancer treatments.

Over more than a decade of research, author Dr. Brown has found that vulnerability is not a weakness; it can be our greatest strength. Yet instead of allowing ourselves to feel vulnerable, Brown says many people put up emotional shields to protect themselves. Vulnerability gives us access to our true strength, but that does not change the paradigm most people live in, which is the great fear people have about being vulnerable. The fear of vulnerability is arguably one of the most common fears. Most people are afraid to be strong, afraid to be vulnerable, and governments, psychopaths, and oncologists love this.

Chronic stress is more prevalent than most people realize, which is one of the reasons many people get cancer. Almost everyone in modern society overthinks and feels too little, which is stress in and of itself. Opening the heart, opening to one's vulnerability

and the tears of the melting heart is one of the most potent medicines we can apply in our cancer protocol.

Being in the head leads to chronic emotional stress, which robs the body of vital energy, suppresses immune function, and disrupts hormonal systems. The cumulative result can be devastating: elevated blood pressure, increased blood clotting, compromised digestive function, high blood sugar, chronic sleep disturbances, weight gain, and significantly suppressed immune function all set the stage for cancer and other diseases.

Women with advanced breast cancer who have abnormal daytime levels of cortisol, a hormone released in response to stress, are significantly **more likely to die sooner** than patients with normal levels of the hormone, Stanford University researchers reported back in 2000. The researchers also found that women with these abnormal cortisol levels had fewer immune system cells, known as natural killer cells, and this reduced immunity was associated with higher mortality. Dr. David Spiegel, MD, Stanford professor of psychiatry and behavioral sciences, said, “We found that patients who had abnormal cortisol patterns died significantly sooner.”^{xiv}

Dr. Spiegel says that sleep problems alter the balance of two primary hormones influencing cancer cells. One is cortisol, which helps regulate immune system activity — including the release of certain “natural killer” cells that help the body battle cancer. The other hormone affected by sleep is melatonin. Melatonin is produced by the brain during sleep and has antioxidant properties that help prevent cell damage.

Spiegel continues, “I think one of the problems these cancer patients may have is that their immune system is over-regulated. Cortisol suppresses immune function and may hamper the immune system’s ability to counter the spread of cancer.”

We Normally Are Not Conscious of How Much Stress We Suffer From



The vast majority of people constantly live in a state of permanent stress without thinking, without even feeling it directly, so they have no idea what dangers their stress threatens. We are mostly unconscious of stress, but the aches and pains disturb our consciousness. Often our pains haunt us even into our sleep no matter how many supplements or doctor's pills we take, but the last thing we usually do is directly relate our physical pains to the stress we are under.

One of the reasons people die or suffer from heart attacks and strokes is the difficulty they have in being aware of and dealing with their internal stress levels. It is why stroke and heart attacks happen so suddenly and unexpectedly. It is also why hypertension is invisible.

The most common cause of PTSD in women is sexual trauma. Reports estimate that 15%-38% of women experience childhood sexual abuse, 13% to 20% experience adult rape, and at least 20% experience battering. Sexual and physical abuse in women, either when they were children or as adults, can result in post-traumatic stress disorder PTSD and other psychological and psychiatric disturbances.

People under a lot of stress have fewer natural killer cells and immune system cells that spontaneously kill abnormal cells in their vicinity, including tumor cells and infected cells. We also know that the killer cells of people under stress are less active. Studies have shown that the absence of natural killer cells is related to the progression of breast cancer.

Diagnosis and Treatment for Stress

Heart rate variability (HRV) represents the time differences between successive heartbeats (also known as the beat-to-beat interval). Measurements of HRV give us a scientific measure of our stress. The VedaPulse is perhaps the best machine for this purpose, but now some watches and the Oura ring give readouts about how our hearts beat. Measures of HRV have been strongly correlated not only to stress but morbidity and mortality from diverse diseases.

The list of things I use and recommend for stress is long, but on top of the list is breathing retraining, the use of magnesium oil, and a BioMat, which not only feels fantastic, especially when under stress, but because of the deeper penetration of FIR energy people will see a **reduction in cortisol levels of up to 78%**. It is essential to know that studies show that magnesium combined with B6 reported a 44.9% reduction in perceived stress, and the magnesium-only group showed a 42.4% reduction with a more significant impact demonstrated with severe and extremely severe stress.

Climb into a warm magnesium bath and feel the tensions slip away from your body and soul. Get a magnesium massage; it will simply help you cope. Slow your breathing down and your life, if that is possible. Of course, yoga and meditation are easy to recommend, as are support groups or individual therapy with someone tuned into cancer patients'

challenges. Medical marijuana also helps many people deal with stress and does not cause cancer as alcohol does.

Chlorine Dioxide Treats Autism



Autism has been a widespread humanitarian catastrophe since the beginning. Autism speaks miles about human suffering. But unfortunately, it also says miles about why we cannot trust the CDC nor the FDA as far as we can spit into a hurricane wind.

Roughly 1 in 30 — 3.49% — of children and adolescents ages 3 to 17 were diagnosed with an autism spectrum disorder (ASD) in 2020, according to a JAMA Pediatrics research letter published this month by a team of researchers in China. The letter also referenced a new study showing a 53% increase in ASD in American young people since 2017.

The New York Times reported years ago that a study of twins suggests that environmental factors, including conditions in the womb, maybe at least as important as genes in causing autism. However, mathematical modeling indicated that only 38 percent of the cases in the study could be attributed to genetic factors. In contrast, environmental factors appeared to be at work in 58 percent of the cases.

Experts said that this research will mark a significant shift in thinking about the causes of autism, which is now believed to affect at least one percent of the population in the developed world. The numbers are considerably more terrifying in some places in the United States and South Korea. But unfortunately, no shift has occurred. And now that things are getting worse than horrible, we need to discard everything the mainstream says about autism.

An old study even found an elevated risk of autism in children whose mothers took a popular type of antidepressant the year before delivery. Drugs like Prozac, Zoloft, Celexa and Lexapro increase the risk of autism in children whose mothers used them the year before delivery.

When researchers tell us that environmental factors play a significant role in the cause of autism, they are talking principally about environmental poisons, including toxins to which fetuses are exposed that come through the umbilical cord.

According to a first-of-its-kind study, children with autism disorders in the San Francisco Bay Area over a decade ago found to be 50% more likely to be born in neighborhoods with high amounts of several toxic air contaminants, particularly mercury, the California Department of Health Services. The new findings, which surprised the researchers, suggest that a mother's exposure to industrial air pollutants while pregnant might increase her child's risk of autism, which means *It Matters Where You Live*.

"Clearly, this suggests that there may be correlations between autism onset and environmental exposures, especially as it relates to metal exposures," said Dr. Isaac Pessah, a toxicologist. He heads UC Davis' Center for Children's Environmental Health and Disease Prevention. Pessah is a researcher at the university's MIND (Medical Investigation of Neurodevelopmental Disorders) Institute, which studies autism.

According to Dr. Garry Gordon, one of the founders of chelation therapy, "There are children getting autism who did not receive injectable mercury." Dr. Raymond Palmer of the University of Texas Health Science Center in San Antonio has studied the contribution of the enormous tonnage of mercury being put into the atmosphere and found, in studying school districts in Texas, that, "On average, for every 1,000 pounds of environmentally released mercury, there was a 43 percent increase in the rate of special education services and a 61 percent increase in the rate of autism."

Sustaining all of this research is a Harvard University study paid for by the EPA, co-authored by an EPA scientist, and peer-reviewed by two other EPA scientists. The Harvard study concluded that mercury controls, similar to the EPA proposed, could save nearly \$5 billion a year through reduced neurological and cardiac harm to the general population. So here we have one of the most reputable medical centers in the world quantifying the damage from mercury in the air.

We have just reached the crisis level on mercury. Now, we're finding it in our food, our water, our soil, our babies, everywhere. –

Marie Steinwachs
University of Missouri

Autism gave us our first intimate view of pharmaceutical terrorism and the terrible corruption in the western medical establishment. After 30-plus years of an autism epidemic, COVID vaccines have finally shown what many in the autism community have known in their bones - that doctors with needles in their hands are to be avoided like land mines. Instead, parents must depend on themselves and others in their community to find the best ways to treat their children.

One mother that I know, Kerri Rivera, the mother of an autistic child, took matters into her own hands and became one of the principal leaders in the chlorine dioxide world for over a decade. Like many other parents of autistic children, she was desperate to find a way to improve her child's autistic symptoms. She was sufficiently impressed with the improvements she witnessed following treatments with chlorine dioxide that she decided to become actively involved in promoting the idea that it might be helpful for autism.

Kerri has developed a protocol to treat autism that includes various nutritional supplements (such as chondroitin sulfate and vitamin D) and a modified ketogenic diet that eliminates gluten and casein. Although the protocol can also have several other components—anti-parasitic medications, humic and fulvic acid, black seed oil, digestive enzymes, binders, thyroid supplements, ionic foot baths, and hyperbaric oxygen—she believes that an essential aspect is the idea of frequent tiny doses of chlorine dioxide throughout the day.

Rivera wrote me saying:

"After spending more than a half million dollars in biomedical treatments with a group of allopathic doctors who claim to help children with autism names like DAN/MAPS. Basically, they put the kids on a gluten- and casein-free diet and do tons of useless lab testing (as I figured out later) on supplements based on lab results and pharmaceutical drugs. I did this with my son from 2004 till 2010.

I was sure that doctors had no idea how to cure autism. My son was NOT born with autism. He was perfect. And he was perfect for the entire first year of his life. What is autism? It is 99.9% of the time that a vaccine injury causes damage to the gut and the brain. The immune system ceases to work, pathogens take over, and inflammation abounds. It turns out chlorine dioxide (CD) reduces body inflammation, kills pathogens, does not harm friendly flora or healthy cells, and oxygenates the body.

As soon as I began using chlorine dioxide for my son, he improved. My mission then became saving as many children from autism. And that is just what happened. In 2022 I have worked with families in more than 77 countries worldwide. The protocol has changed since the early days. I began using chlorine dioxide in 2010. By 2011 there were more than 40 recoveries. Then as the protocol improved with tweaking here and there. There are now, in 2022, thousands recovered and tens if not hundreds of thousands better.

The current 2022 Kerri Rivera chlorine dioxide protocol kills pathogens, reduces inflammation, seals the leaky gut, removes food that causes brain damage (a.k.a. glutamate that no one else is talking about), increases hydrochloric acid in the stomach for the increase of B vitamin, mineral and amino acid absorption as well as getting rid of SIBO. It is so complete that it may someday reach perfection. The newest addition to the protocol is methylene blue."

Some of Kerri's patients have parents who refuse to use chlorine dioxide due to controversy; none of those children have had their autism successfully reversed. Predictably, the mainstream media have tried hard to discredit her work, and Amazon even removed her book, *Healing the Symptoms Known as Autism*.⁷



<mailto:kerri@kerririvera.com>
<https://www.kerririvera.com>

Kerri is the autism expert; I am not. So please direct your inquiries to her. However, in the following chapters, you will see my roots in autism run deep. We can look as deep as we want, but what counts is what is put into practice and helps autistic children.

Multiple Causes of Autism Spectrum Disorders



“Autism is upon us because it's the outcome of the 50-year experiment of dousing every living being with an overload of toxic substances, including vaccines.”

Dr. Gregory Ellis

Dr. Ellis points the finger at mercury's central role in creating autism spectrum disorders. However, he does not discount other possible causes of autism or a general theory that includes many causes, which over the long run, weaken children to the point where the toxic overload from chemicals in vaccines is just too much to handle.

Children's brain development is being impaired by some of the more than 70,000 human-made chemicals on the market, says a new report from the World Wildlife Fund (WWF). The report, which surveyed current research in the field, charges chemicals with such neurological effects as poor memory, reduced visual recognition and motor skills, and lower I.Q., and cites U.S. research that ties 10 percent of all neuro-behavioral disorders to chemical exposure.

Biological attacks come from vaccines, amalgam fillings, pharmaceutical drugs, violent birthing practices, fluoride in drinking water, and food supplies laced with neurologically toxic substances like MSG, aspartame, pesticides, hormones, and preservatives. Vaccines are of particular concern in pinpointing the cause of autism, for their toxic compounds, including mercury and aluminum, are injected directly into the body. In addition, some vaccine components now pass through the blood-brain barrier to affect the nervous system, especially the brain's immune system cells, the microglia.

Microglia are the immune cells of the central nervous system (CNS), and they quickly turn against the CNS, destroying it through excitotoxicity and autotoxicity. This is when we have non-specific generalized destruction of neurons, neuritis, and synaptic connections. When overstimulated, the destructive chemistry of the microglia explains

how a child can get into a state where they are allergic to almost everything touched, breathed, or eaten, even to themselves.

Mercury alters biological systems because of its affinity for sulfhydryl groups which are functional parts of most enzymes and hormones. It induces a change in cell structure while disrupting critical electron transfer reactions leading to cells being perceived as foreign by the body's immune defense and repair system. The prevalence of mercury in our environment is endemic.

Dr. Rashid Buttar says that mercury seems to have a particular affinity in causing these CNS immune cells to overreact, causing a cascade of chemical effects around enzymes, glutamate transport, secretion of acids, the release of cytokines, and a whole series of domino-type effects that combine to provoke general neurodegeneration. Mercury is not the only toxin that provokes microglia. Live viruses in the MMR vaccine have also been seen to create problems for the brain's immune cells.

Dr. Russell Blaylock, a prominent neurosurgeon and leading expert on microglia reactions, is a powerful voice against MSG and aspartame in foods because he sees these chemicals as highly destructive to the microglia. He says, "There is no end to the possibilities. There is, for instance, information associating autistic disorders with the use of an artificial hormone (Pitocin) given to pregnant women to induce or speed up labor. Pitocin is a synthetic exogenous source of the natural hormone oxytocin, which stimulates the gravid uterus to contract. It was developed as a drug by the Parke-Davis pharmaceutical company in 1953 and put into general use in 1955." Dr Eric Hollander of New York's Mount Sinai School of Medicine, a physician who specializes in treating autistic kids, reported noticing that 60% of the autistic patients in his clinic had been exposed to this drug as a fetus

Pitocin-induced uterine contractions and enforced maternal immobility makes labor more painful, so much so that under these circumstances, most laboring women also receive narcotic pain relievers and epidural anesthesia. Virtually 100% of medically-managed births are subjected to high pharmaceutical interventions.

Most births today are induced at some point. Mothers are drugged, which of course, means the babies are drugged. Mothers in labor are routinely given several different drugs without any way to know if the unborn baby is vulnerable to toxic side effects.

The propensity to have an adverse reaction must be multiplied by the number of drugs received and then doubled again for the newborn, whose virgin brain is directly influenced by these substances. The risk of side effects is both immediate and lifelong for infants. Drugs used on pregnant women have never been tested to determine if they are safe for fetuses and neonates. Not a single one! No one has a clue about the long-term consequences.

California College of Midwives informs us that most umbilical cords are clamped and cut before all the blood from the placenta is allowed back into the baby, meaning they start with as much as a 40% decrease in blood volume.

Birth in itself is a shock to one degree or another. Babies need time to adjust to the light, sound, and the simple act of breathing. But they are not given the time they need. So as

soon as they are born, antibiotic drops or ointment is put in their eyes, and they are given a vitamin K shot. The trouble is that the "vitamin" K shot is synthetic, which their little bodies can't recognize and use. But most importantly, the shot contains nasty chemicals like benzyl alcohol, phenol (carbolic acid), propylene glycol (antifreeze), acetic acid, and hydrochloric acid.

So, even before Hep B vaccination is given to babies on their first day of life, they are dealing with strong chemicals and antibiotics circulating through their already struggling circulatory and nervous systems. Add the Hep B vaccine, with its aluminum hydroxide, Thimerosal (still in third world countries), and modified genetic material to the list. One can only wonder about pediatricians and what they are thinking.

In the September 14, 2004 issue of *Neurology* (2004;63:838-42), a Harvard group published their findings confirming our worst fears about the recombinant hepatitis B vaccine and its role in increasing the chance of recipients contracting multiple sclerosis (M.S.). Researchers from Harvard estimate that it increases the risk by over three times.

Another harmful thing to a newborn is the tying and cutting of the navel string too soon; which should always be left until the child has repeatedly breathed and all pulsation in the cord ceases. Otherwise, the child is much weaker than it ought to be, a portion of the blood being left in the placenta, which ought to have been in the child.

According to the American Academy of Pediatrics (AAP), "Autism is not a specific disease, but rather a collection of disorders of brain development with a strong genetic basis, although its exact cause is not entirely known." Yet most doctors know, "It is impossible to have a sudden epidemic of a genetic disease.

Dr. Rimland says, "It is ludicrous to claim that the link between many cases of autism and vaccination is just coincidental. As a full-time professional research scientist for 50 years and a researcher in the field of autism for 45 years, I have been shocked and chagrined by the medical establishment's ongoing efforts to trivialize the solid and compelling evidence that faulty vaccination policies are the root cause of the epidemic. There are many consistent lines of evidence implicating vaccines, and no even marginally plausible alternative hypotheses."

Dr. Blaylock says, "The elementary grades are overwhelmed with children who have symptoms of neurological and immune system damage: epilepsy, seizure disorders, various kinds of palsies, autism, mental retardation, learning disabilities, juvenile-onset diabetes, asthma, vision /hearing loss, and a multitude of new conduct/behavior disorders.

"We (school nurses) believe the hepatitis B vaccine is an assault on newborns developing neurological and immune systems. Vaccines are supposed to be making us healthier; however, in twenty-five years of nursing, I have never seen so many damaged, sick kids. Something very, very wrong is happening to our children," wrote Patti White RN to a congressional committee. Until recently, this injection, given within the first 24 hours of life, contained 25 micrograms of Thimerosal and still does in most parts of the world.

Dr. Sidney Baker, the author of six medical books, treated hundreds of autistic patients annually from around the country. He suspected that about half of the children he sees half of them have been affected by Thimerosal from their vaccines.

According to Dr. Ellen Grant, nearly all the Autistic children tested at Biolab had zinc, copper, and magnesium deficiencies. We know that mercury displaces essential elements like magnesium, zinc, and copper from cells causing disruptions to enzyme systems. Severe vitamin and mineral deficiencies weaken the immune system and lead to developmental problems independently of other factors.

The reality of life is we do not need vaccines with Thimerosal to expose infants to mercury. It is in the air we breathe and the water we drink. We are all living on an intensifying mercury-polluted planet.

Dr. Boyd Haley has shown in his laboratory at the University of Kentucky how even relatively benign substances like Tylenol and endocrine hormones like testosterone increase mercury's toxicity, which explains at least partially why more boys succumb to autism than girls.

Daniel Goleman, in his book *Emotional Intelligence*, tells us, "Any traumatizing event can implant such trigger memories in the amygdala." Dr. Dennis Charney, a psychiatrist and director of clinical neuroscience at the National Center at Yale University, tells us, "It does not matter if it was the incessant terror of combat, torture, or repeated abuse in childhood, or a one-time experience. All uncontrollable stress can have the same biological impact."

The operative word here is uncontrollable. The critical psychological aspect of PTSD is helplessness, the feeling that you are being threatened or your life is in danger, and there is absolutely nothing you can do to avoid it. Dr. Charney said, "Victims of devastating trauma may never be the same biologically." And Dr. John Krystal, director of the Laboratory of Clinical Psychopharmacology, says, "It's the feeling that your life is in danger and there is nothing you can do to escape it – that's the moment the brain change begins." **Children, without a doubt, find vaccination a traumatic experience.**

Vaccine-Induced Mitochondrial Disease



There is a long list of common iatrogenic (drug- or doctor-caused) diseases caused by prescription drugs or vaccine ingredients like aluminum and mercury. Dr. Gary G. Kohls says, "Common iatrogenic (drug- or doctor-caused) diseases can be caused by commonly prescribed drugs and commonly injected vaccine ingredients, making many of us highly drugged, malnourished, environmentally toxic and also thoroughly vaccinated."

Pharmaceutical companies, the CDC, and the AAP continue to recommend annual (aluminum and mercury-containing) flu shots for immature, immune-vulnerable, brain-undeveloped babies as young as six months of age and their pregnant mothers.

Vaccines, the holy grail of modern medicine, is not what they tell the public it is. It is embarrassing to the entire field of medicine that pediatricians, those most responsible for babies and their health, inject poisons directly into their bloodstreams and pretend to everyone, including themselves, that they are doing something good.

Dr. Kohl continues, "Many of these disorders (see list below) are caused by prescription drugs, vaccines, and other toxic chemicals poisoning the mitochondria in our brains, nerves, muscles, and other organs. Thus we are being afflicted by preventable, iatrogenic- or industry-caused diseases. Both realities are taboo subjects in the current era of mind-control by America's powerful, profit-motivated, multinational corporations in BigPharma, BigChemical, BigMedicine, BigMedia, BigFood, and BigAgribusiness industries. That pervasive group prefers our ignorance, and each of them spends unlimited amounts of money to ensure it."

Dr. David Brownstein said, "More and more children continue to get the MMR vaccine even though a 2004 CDC MMR study was falsified to hide the fact that the MMR vaccine was found to significantly increase the risk of autism in boys who received it. Our children

suffer from an autism epidemic as nearly one in fifty children have autism. Where are the Congressional hearings? Where is the media?"

"All psychotropic drugs have been documented to damage mitochondria, as have statin medications, analgesics such as acetaminophen, and many others. Mitochondrial damage is now understood to play a role in a wide range of seemingly unrelated disorders such as schizophrenia, diabetes, Parkinson's disease, chronic fatigue syndrome, and nonalcoholic steatohepatitis. Recently it has become known that iatrogenic (physician or treatment-caused) mitochondrial damage explains many adverse reactions from medications," writes Dr. John Neustadt and Dr. Steven Pieczenik.

Americans spend nearly 20% of their GNP on health care—far more than any other developed country yet has the worst health in the world. Part of that is that they vaccinate and prescribe more pharmaceutical drugs than anywhere else. If there were any validity to vaccines and the pharmaceutical paradigm, you would think they would have better health from it. However, because vaccines and most drugs are mitochondrial poisons, Americans are very sick and getting sicker as every year passes.

Dr. Yehuda Shoenfeld, an Israeli clinician who has spent more than three decades studying the human immune system and has been called the "Godfather of Autoimmunology," is pointing his finger at vaccines and their ingredients, including the toxic metal aluminum – as a significant contributor to the growing global epidemic of autoimmune diseases. This is when the immune system turns on itself in many conditions, from type 1 diabetes to ulcerative colitis and multiple sclerosis.



Mitochondria are the powerhouses of the cell, providing the body with over 90% of the energy it needs to sustain life. Mitochondria take in sugars and proteins from our food and produce energy called ATP that our bodies use to function correctly. Mitochondrial disease is a debilitating and potentially fatal disease that reduces the ability of the mitochondria to produce this energy. When the mitochondria are not working properly, cells begin to die until whole organ systems eventually fail, and the patient's life is compromised.

Aluminum is a Poison

Aluminum is a poison; why are pediatricians injecting it directly into children's bloodstreams? A PubMed search on aluminum and "toxicity" turns up 4,258 entries. Its neurotoxicity is well documented. It affects memory, cognition, and psychomotor control; it damages the blood-brain barrier, activates brain inflammation, and depresses mitochondrial function. Plenty of research suggests it is a critical player in the formation of the amyloid "plaques" and tangles in the brains of Alzheimer's patients. It's been implicated in Amyotrophic Lateral Sclerosis and autism and demonstrated to induce allergy.

A 6-year-old girl from Colorado received FluMist, a flu vaccine, and about a week later "became weak with multiple episodes of falling to the ground" and "difficulty walking," according to a case report filed with federal health officials and obtained by The New York Times. The girl grew increasingly weak and feverish and "became limper, appears sleepy, acts as if drunk," the report said. She was hospitalized, underwent surgery, and finally withdrawn from life support. She died on April 5, 2008, according to the report.

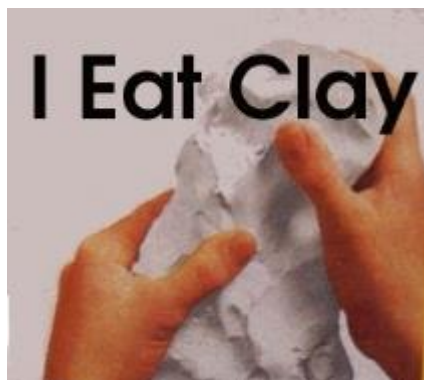
Toxic aluminum adjuvants added to virtually all infant and adult vaccines for the past 70+ years sustain the belief that pediatricians, parent organizations, and the federal government are chemically raping everyone they convince to get vaccines. That is why I wrote a book called The Terror of Pediatric Medicine and have given it away freely for the past ten years. There is no safe dose of aluminum or mercury, which is also present in some vaccines.

The CDC/AAP (American Academy of Pediatrics)-mandated immunization schedule ensures that nearly 5,000 micrograms of the mitochondrial toxin aluminum will be injected into the average American baby by the time they reach 18 months.

In my now dated and unavailable vaccine book, *The Terror of Pediatric Medicine*, I wrote extensively about mercury in the form of Eli Lilly & Company's Thimerosal, which has been in most infant and adult vaccines for several generations. Unfortunately, it was only removed from most – but not all – vaccines when the AAP pleaded with the vaccine manufacturers to remove it from all vaccines.

Edible Clay

Healing with Mother Earth



The secret to safe and effective medicine (maintaining or returning to good health) is caught up with the question of how to fix what ails us without suffering from side effects from the medication we use. There are certain choices we make, and many of them take us far away from Nature and the basics of life. The earth, though, is our mother and has given us part of her in the form of natural medicines to fix what ails us.

We don't eat clay; we drink it.

The use of clay for internal and external use puts in our hands the healing power of mother earth, and there is little that can compare or compete in medicine. No healing system is more powerful than that which employs Nature's primordial substances, materials so pure and close to nature that they yield benefits without the typical side effects of most medicines.

*It is tough to mineralize our kids because of their leaky guts.
After treating my son with clay, he does not have a leaky gut anymore,
but still, I can not mineralize him the way he should be because the mineral
supplements are not in the proper form to be absorbed by the body.*

Andrea Alalama

It is hard to imagine eating clay for many of us, and few people employ it topically. But the power of its exquisite purity is indispensable in the age of toxicity, for there is nothing that has a more substantial pulling force on the impurities in the body than clay does.

Where I used to live, we had scorpions, and believe me, when one of my kids got bitten, clay was the first thing I raced for, and it worked quickly to draw the venom out.

I have used clay packs on my eyes, sleeping with them through the night, and for those with gingivitis, it's good to know one can pack the clay into the mouth but better to use chlorine dioxide mouth rinses for that.

Healing clays, which indigenous cultures have used since before recorded history, offer us a wonderful, safe, inexpensive, and effective medicine for the 21st Century. On every continent, there are people who eat earth. "The Native Americans call it "Ee-Wah-Kee" meaning "The-Mud-That-Heals." Bentonite, as well as other healing clay, has been used

by indigenous cultures since before recorded history. But it's only now that scientists are gradually beginning to understand what force brings them to do this. It is not only humans who indulge in a bit of clay now and then. Parrots, cattle, rats, elephants, and chimpanzees also partake.



The pure healing power of the earth evident in living clays creates a better platform for the body to recover from illness because it propels the immune system to health, strengthening the body to a higher point of resistance, something no allopathic medicine achieves. Clay maintains its molecular integrity. It does not break down and assimilate into the body. It keeps a molecular whole as it passes through the body, **acting like a vacuum cleaner or sponge carrying poisons out of the body**. Since clay is not digested and assimilated as it passes through the alimentary canal, the clay and the absorbed positively charged ions are eliminated. It also pulls toxins through the skin when applied topically in clay baths.

Clay's immediate action upon the body is directly on the digestive channel. This involves the clay binding with the toxic substances and removing them from the body with the stool. It performs this job with every kind of toxin, including naturally occurring by-products of the body's health processes, such as metabolic toxins.

Our exposure to known chemical toxins in the environment is only getting worse. Thus, any reasonable and cost-effective method that reduces concentrations of toxic metals and other poisonous chemicals in the human body will find great use in the 21st century (the Age of Toxicity). Our world has never been as toxic as it is today, and it will be even more toxic next year and the year after. Of course, no one can maintain a pure state, but we can approach medical treatments with an intelligence that will protect us from serious diseases.

In the 21st century, the center of pharmacology needs to be shifted away from medicines that add to people's already heavy toxic burdens to treatments and protocols that reduce these burdens.

Since mercury is omnipresent in the environment, as are a host of other chemicals like lead and halogenated hydrocarbons (halocarbons) from the plastic industry, it is virtually impossible for humans to avoid exposure to a growing list of chemicals that are mixing in our blood streams and cells. Thus, there is a need for detoxification protocols that increase daily elimination for healthy people, as well as chelation protocols for adults and children who have been devastated by mercury and other chemical poisonings.

The need to eliminate heavy metals and other toxic chemicals from the body is a lifelong activity thus, it behooves us to find the most natural and effective way to do that.

Substances that are toxic to our bodies come at us from all directions: the air we breathe, the food we eat, the water we drink, the cleaning products we use, and the metabolic waste produced inside us. Toxin build-up in the body contributes to premature aging and chronic and degenerative diseases. Studies have discovered various chemicals from our foods and environment that indicate man contributes 700,000 tons of pollutants into the air daily, ranging from everyday household cleaners to cosmetics and hair dyes. Chemicals and toxins accumulate in fat tissue.

Detox and chelation can be made easier, shorter and more effective with the help and use of clay.

Clay assists the body's eliminatory process by acting as a bulking agent, like psyllium fiber, sweeping out the old matter that doesn't need to be there. It is not digested in the same manner as food as it passes through the alimentary canal. Clay stimulates intestinal peristalsis, the muscular contractions that move food and stool through the bowels. The clay and the adsorbed toxins are both eliminated together. This keeps the toxins from being reabsorbed into the bloodstream.

Many naturopaths recommend ingesting clay daily to maintain optimal health. Generally, it is suggested that one to two tablespoons or up to one or two ounces of clay mixed in water be taken daily. Taking the clay on an empty stomach first thing in the morning is recommended for best results.



Living Clay is the best clay I have found. Living Clay is weathered volcanic ash made up of numerous trace minerals in their natural oxide form that has evolved over millions of years into a super-charged, triple-swelling, green Calcium Bentonite Clay with Montmorillonite properties. Its negative electro-magnetic charge gives it a robust vacuum-like ability to capture and discharge positively charged toxins from the body. In addition, it can cleanse and detox internally and externally while simultaneously bringing balance and equilibrium to the body through its 9.7 pH and homeostatic ability.

What are the Benefits of Eating Clay?

- *Soothes and Purifies the Digestive Tract
- *Remineralizes Cells and Tissues
- *Promotes Bacterial Balance in the Colon
- *Assists in Heavy Metal and Chemical Detoxification
- *Augments Digestive Efficiency
- *Supports Nutrient Assimilation in the Gut
- *Alkalizes the Body

One of the main ways clay works is to draw positively charged molecules, which it holds like a magnet, both internally and externally, until we wash them from our bodies or pass them through our bodies. Calcium Bentonite Clay removes the positively charged molecules that attack our bodies from our bodies.

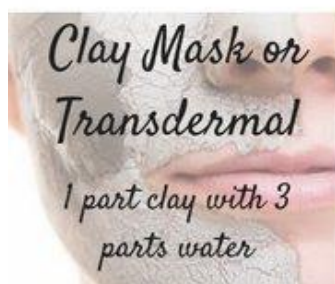
Clay is effective for many ailments. It has been used extensively in treating pain, open wounds, colitis, diarrhea, hemorrhoids, stomach ulcers, constipation and intestinal problems, acne, anemia, and various other health issues. Just about everything unhealthy, everything impure, is irresistibly attracted to clay and becomes subject to immediate elimination.

Healing mud not only draws toxic material out of the body if taken internally, but also reduces pain and infection in open wounds on both humans and animals.

The problem with leaky gut and bowel inflammation, in general, is that they are complicated to treat while the metals are still present in that tissue and continue to cause inflammation. The presence of mercury in the bowel could therefore contribute to the severity and duration of intestinal infections.” Edible clay to intestinal health is like the cavalry arriving on the scene just in the nick of time.

Clay Baths

Bentonite Clay Detox



Clay bathing is one of the most effective methods to help assist the body in eliminating toxic substances that have accumulated in the body. Clay baths stimulate the lymphatic system and deeply cleanse the body's largest breathing organ – the skin. Acting directly on the body and acting as a systematic catalyst, clay used in this manner interacts with the body's immune system. As a result, it helps to remove the post-digestive burden placed on the body's major organs.

“...I have put a huge number of patients on these clay baths, and the levels of heavy metals – mercury, lead, arsenic, aluminum, and cadmium have come down dramatically... I have been monitoring the levels of metals using all three methods (TD DMPS, oral DMSA, and clay baths), and the clay baths are way faster in removing metals...”

“One patient, in particular, had very high levels of mercury and lead levels that were off the charts. The lead came down dramatically in three months of twice-weekly clay baths, and the mercury disappeared. In addition, the muscle weakness associated with high lead levels improved dramatically. Interestingly, another five months of these clay baths showed even lower levels of lead, but the mercury reappeared. This supports the theory that mercury is sequestered in different areas of our body and takes time to get it all out.”

Dr. Miriam Jang
Breakthroughs In Autism

I have always been interested in why clay has not become more popular than it has. French naturopath Raymond Dextreit, probably the most famous and experienced clay therapist, writes in his book *Earth Cures*, “One of clay's peculiarities is based on its physical-chemical domination. From a thermodynamic point of view, we must admit that clay cannot be the sole energy source for the phenomena it produces. Clay is effective through a dynamic presence far more significant than a mere consideration of the substances it contains. It is a catalyst rather than an agent. This is possible because clay is alive – it's ‘living earth.’”

Pure clay gives us the healing power of mother earth, and there could be nothing more important in health and medicine, especially at this very moment in human history. In the age of toxicity, our bodies must negotiate with thousands of poisonous chemicals daily. These deadly substances are flowing into our bodies on the parts per million and billion scale in the air, water, food, and medicines we take.

Adsorption & Absorption

Two important words to remember when talking about clay are adsorption and absorption. The two words are similar, but their differences are fundamental to understanding how clay functions and works. Clays that have the propensity to absorb and adsorb are called active clays, as they can change and exchange.

Adsorption is the process by which the charged particles of other substances combine with the charged particles on the outer surface of the clay molecule. The positively

charged ions are attracted to the stronger negatively charged surfaces of the clay molecule. An exchange reaction occurs in which the clay mineral ions are swapped for the ions of the positively charged substance.

Clay, when introduced into the body, enters into a dynamic state of exchange with the environment in the alimentary canal and the tissues that lay beyond.

“Absorption” implies an actual movement and uptake of substances into the clay and is a common principle in human physiology. “Sorption” is the process in which one substance takes up or holds another by either absorption or adsorption. Dr. Leon Chaitow reminds us what chelation means when he says, “The word itself is derived from the Greek word chela, which describes the prehensile claw of a scorpion or crab. This graphically evokes a picture of one substance grabbing or clutching and embracing another, as the chelation process takes place.”

Absorption is a slower and more complicated process. All absorbent clays have a charge on their inner layers. This means that charged ions sit between the layers of the clay molecule surrounded by water molecules. The expanded clay draws foreign substances absorbed and fills the spaces between the clay molecule’s stacked layers. Absorbent clay will absorb positively charged ions and impurities and ignore negatively charged nutrients.

Clay baths really worked for my baby’s rash. She is nine months old and has had a rash for at least six of those months. After three of the baths, I noticed the rash starting to dry up and flake off.

Teresa Morgan

Another beneficial characteristic of clay is its uniquely large surface area. This is particularly true of the bentonite family of clays, which is structured like a credit card. The flat surface is negatively charged, with positive charges along the edges. Mineralogists have discovered that a single gram of this clay has a surface of 800 square meters. This gives the clay a massive binding capability for removing toxins.

On a molecular level, Robert T. Marin, a mineralogist at MIT, refers to bentonite’s minute particle size that creates a large surface area in proportion to the volume used. “The greater the surface area, the greater its power to pick up positively charged particles of ions.” Thus, the larger the surface area, the greater the power to collect positive-charged ions many times their weight. Swelling clays of the suitable mineral composition have a great potential for absorption.

For detoxification, clay can be taken internally or utilized externally. Both have their benefits. **When mixing clay for either oral or topical use, never let it meet metal.** To avoid any possible reaction with the metal, always use wood utensils and glass or ceramic containers.

“We had arsenic toxicity and found out that the golf course outside our door uses a service that uses a chemical spray to keep the greens looking nice. Unfortunately, it had arsenic in it. We have been detoxifying with clay baths for a month and have sold our condo.

Needless to say, we are back to our old selves, and although we have not been re-tested, we plan on doing these baths for the next six months as suggested.”

Jack and Mary Gibbs

“It was tough at first, as we were pretty sick from chelation therapy. But four months and about 30 baths later, we are doing just fine. I have been able to go back to work, which is a miracle.”

Nancy and Mabel Strife

“I suffer from depression. I had read on the internet that it may be caused by heavy metals or toxins, so I wanted to see if clay baths would work. I have been using them for a week now, which means two baths so far, and I must tell you that a lot of the depression has been lifted.”

Milton Pearson

“I was reading on the internet about using clay to treat wounds and pull-out toxins, so I decided to experiment with using your clay with a tooth that hurt so bad that I had an appointment with my dentist the next day. My wife used your clay on our children, so I asked her if she could mix up some for me to pack in my mouth. I packed it on one side over the tooth that was hurting and closed my mouth for several hours. I had to breathe through my nose, but I didn’t care if it did something to help. After I spat it out and brushed my teeth, I realized that most of the pain was gone. When I woke up the next morning, there was no pain, so I canceled my appointment with the dentist. I did the same thing for three nights in a row just to ensure. Well, the pain never came back, and when I went for my check-up, there was nothing wrong. Even my wife was surprised. I think you should tell other people about this. Think about how many people get toothaches.”

Jim Crow

The power of clay to heal should not be underestimated under any circumstance.

The pure healing power of the earth evident in living clays creates a platform for the body to recover from illness, as it propels the immune system to health, strengthening the body to a higher point of resistance, something no allopathic medicine achieves. Clay maintains its molecular integrity. It does not break down and assimilate into the body. It sustains a molecular whole as it passes through the body, acting like a vacuum cleaner or sponge to carry poisons out of the body. Since clay is not digested or assimilated as it passes through the alimentary canal, the clay and the absorbed positively charged ions are eliminated together. Additionally, it pulls toxins through the skin when applied topically or in a bath protocol.

Clay baths are prepared, using anywhere from 1 cup to 10 pounds in warm water, but it is best to start out slow to determine the number of detoxification symptoms you may experience. The individual soaks in the clay water, submerged up to the neck, for between 20 and 30 minutes.

External Application

For external applications of clay, there are numerous ways it can be used. Clay bath compresses, slurries, and clay packs (poultices) are typical protocols and yield excellent benefits. A poultice is made of a soft, moist substance mixed with the consistency of a paste and then spread on or between layers of cloth.

The cloth is then placed on a body surface. Poultices act by increasing blood flow, relaxing tense muscles, soothing inflamed tissues, or drawing toxins from an infected area. Thus, they can be used to relieve the pain and inflammation associated with abscesses, boils, bruises, carbuncles, fibrocystic disease, fractures of bones, enlarged glands in the neck, breast or prostate, leg ulcers, nerve or muscle pain, sprains, sunburn, tumors, and ulcerated eyelids and other ulcers. They are also used to break up congestion, draw out pus from infected wounds, and remove embedded particles and foreign particles from the skin such as splinters.

Clay Packs

The process is straightforward and can be done by anybody – all you must do is cover your skin with clay using your hands or a spatula, and, when sufficient time has passed, you wash your skin clean with water. You can utilize clay on your body throughout the year, although I recommend that you do it in the sun and when it is hottest so that the clay layer will dry more quickly.

A clay pack is comparable to a compress, except the clay is slightly less wet and can be formed into a handful of damp paste or more easily into strips. A pack must be about three-quarters of an inch thick and can be laid directly over the area to treat. You then cover it with a cloth or gauze to keep it from drying out too quickly.

Clay packs can be utilized for bacterial infections if you don't let the clay dry out and change out the clay and dressing as often as the drainage requires. Packs can also be used for headaches by applying them between the forehead and the nape of the neck. In addition, joint pain or pain from bruising, sprains, strains, and muscle or bone injuries can be alleviated by applying the packs and leaving them on for as long as two or three hours.

The Romans discovered the healing properties of clay baths as early as 120 B.C. Today clay is still used medicinally in European spa clinics as an effective treatment for arthritis and pulled muscles. The heat and the chemical composition of a specific mud or clay can be potent. Anyone who has discovered the delights of clay baths also knows its rejuvenating, nourishing powers. Clay spread over your body is both rejuvenating and relaxing. As the clay dries, you'll feel the refreshing tingle of the skin tightening. Many impurities and toxins are being drawn out of your skin, temporarily toning and refreshing.

“I have been suffering from migraines and leg pains for two years now and was beginning to think that it was a lost cause. Someone suggested that it may be from heavy metals. I have amalgam fillings, so she also said that they might be leaching into my bloodstream. After about six baths, the leg pains went away, and then after a total of ten baths, the migraines were barely there at all.”

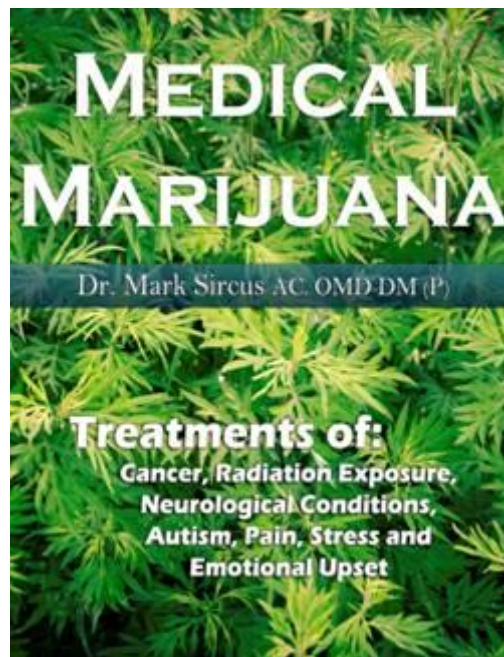
Shirley Provost

Clay has been used around the world for centuries by indigenous people as an essential medicinal and cosmetic tool.

Compresses are made using clay saturated with water to the point that it has a gel-like consistency. It should be neither too solid nor so loose that the clay separates from the water. To make a compress, find a clean cotton fabric approximately 50% larger than the area you plan on treating. Next, you would spread the gel-like clay about one-half inch thick onto the cloth. If your consistency is correct, nothing should leak through the fabric.

Place the compress directly on the skin. It can be left in place anywhere from an hour to all night. When done, peel the clay off, throw it away in the garbage, and wash the area very well.

Cannabis Treats Autism



On the last night before my staff put my book, *Medical Marijuana*, into production for publication, I read an incredible story by Steve Davis about a man and his wife who "cured autism" in their daughter with cannabis. It's not unbelievable; it is what one would expect.

The autism community needs to wake up and take on the cause of legalization and the use of cannabis for autism spectrum disorders. If one studies the pharmacological profile of cannabinoids, it's easy to conclude that cannabis is the ideal medicine for autistic children and others with neurological conditions. In terms of safety, it makes criminals out of the doctors and psychiatrists who administer hazardous pharmaceuticals.

Doctors told the couple that their daughter was near the most severe end of the autistic spectrum and offered little help or hope that the girl could even partially overcome the condition. "We were desperate. We got a high-CBD tincture," said the father, referring to the marijuana compound called cannabidiol, known for its sedative rather than intoxicating effects. "We gave it to her. Within an hour, she was in a deep sleep for the first time since we noticed the autism, or maybe the first time in her life."

Medical marijuana helped their daughter calm down, have a better appetite, and relate emotionally in a warm and caring way, unlike severely autistic children. "When the medical marijuana takes effect, and she is so present and happy, I have tears in my eyes," the girl's mom explained. "She is beating autism. She now looks us in the eyes. She smiles. She plays with our cat. She started getting along with other kids. The autism would not let her do that before, but with the medical marijuana, she can do that."

You can count on one hand the number of American doctors willing to recommend medical marijuana for children. But unfortunately, most doctors and social workers say marijuana is always bad for children, including autistic children.

I had already written about Mieko Hester-Perez, who went public on television about giving medical marijuana to her autistic son Joey. She says it saved his life!

"It seems to me if one is going to need to use drugs, one ought to consider a relatively safe drug, like marijuana," said Bernard Rimland, Ph.D., formerly of the Autism Research Institute. "The reports we are seeing from parents indicate that medical marijuana often works when no other treatments, drug or non-drug, have helped."

Writing in *Neuroendocrinology Letters* and the *European Journal of Pharmacology*, Dr. Ester Fride of the Behavioral Sciences Department of Israel's College of Judea and Samar says, "A role for the endocannabinoid system for the human infant is likely." She notes that in animals, the endogenous cannabinoid system fulfills several essential developmental functions, including embryonal implantation (which requires a temporary and localized reduction in the production of the endocannabinoid anandamide), neural development, neuroprotection, the development of memory and oral-motor skills, and the initiation of suckling in newborns.

Dr. Fride strongly recommends the use of cannabinoids in pediatric medicine. She notes that "excellent clinical results" have been reported in pediatric oncology and case studies of children with severe neurological diseases or brain trauma. In addition, she suggests that cannabis-derived medicines could play a role in treating other childhood syndromes, including pain and gastrointestinal inflammation associated with cystic fibrosis.

Steve Davis concluded, "Medical marijuana helped their daughter calm down, have a better appetite, and relate emotionally in a warm and caring way not typical of severely autistic children. Not only that, it was less expensive and far more effective than the pharmaceutical medicines it replaced."

Calm down is the accurate description of one of the general properties of cannabis—it helps people calm down and relax and relieve some of the stress without any of the severe problems and side effects of pharmaceuticals sold for this purpose.

In case you are out of touch or have your head buried in the ground, stress is a growing problem in every corner of the globe and affects our health enormously. So everyone needs to calm down or stay calm because stress is heading only upward.

The involvement of free radicals in tissue injury induced by magnesium deficiency causes an accumulation of oxidative products in the heart, liver, kidney, and skeletal muscle tissue and red blood cells. Magnesium is a crucial factor in the body's natural self-cleansing and detoxification responses, and it certainly helps people sleep better than any pharmaceutical. Nothing will de-stress one's cells faster than raising cellular magnesium levels.

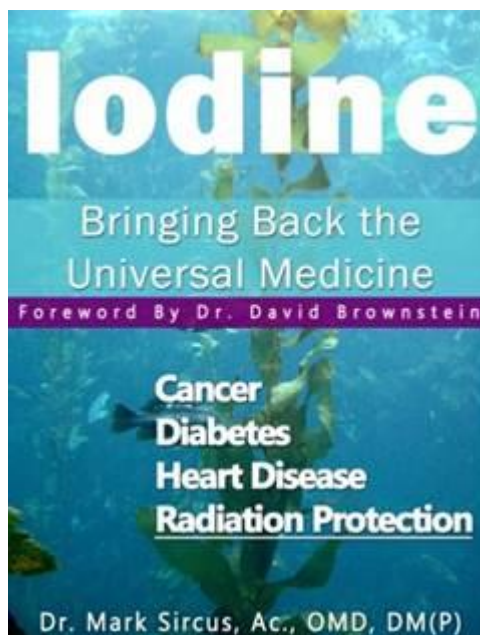
Conclusion

"Because of the drug war, tens of thousands of autistic children and adults will remain locked in by autism and unable to get a medicine that works," the mom says, "Closed-mindedness prevents researchers and parents from openly exploring the healing effects of medical marijuana.... a plant that gave us our daughter back."

The closed-mindedness this mother speaks of is a silent type of violence. People would stagger under the psychological weight of knowing how horrible our institutions are. We are a violent and vicious race, and I think that statement is sustained no matter how much we all think good of ourselves. The war on drugs is just one terrifying example, and the childhood vaccination programs, in which the vast majority willingly participate, are another.

Medicine is in its darkest days, and the entire human race suffers from it. But unfortunately, medicine and industry made a devil's bargain, and the arrogance of professional men gobble it up as they earn their gravy.

Iodine Helps Prevent Autism



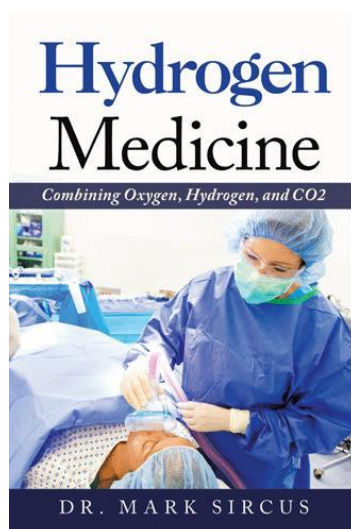
Research has shown a troubling correlation between a woman's thyroid function and her child's risk for autism. For example, one study showed that when "Mothers had very low levels of thyroid hormone early in pregnancy the chance of having a kid with autism was multiplied by four very seldom we see these strength of association."

The study published in the *Annals of Neurology* brings crucial attention to iodine supplementation, something the medical community has recently begun to frown upon up to the point of creating a phobia against oral iodine. Unfortunately, it was an ill-designed Brazilian study that doctors use as a reason to stay as far away from iodine supplementation as possible. I have talked to a Brazilian doctor who went ballistic with just me mentioning the word iodine!

"I think for the first time, we have the possibility of finding an explanation of the problem, but most importantly, we have a way of preventing this from happening," says lead author Dr. Gustavo Roman. Roman, with the Houston Methodist Neurological Institute and researchers in the Netherlands, studied thousands of pregnant Dutch women and found a lack of iodine in their diets affected fetal brain development.

Researchers in this study believed that one in seven Americans is iodine deficient. Still, Dr. David Brownstein has tested 7,000 of his patients in the Detroit area and found over 96 percent deficient.

Hydrogen for Autistic Children



Patients with High Levels of Oxidative Stress Impaired antioxidant production provide a common rationale for many disparate features of autistic disorders. Molecular hydrogen is the perfect medical treatment for oxidative stress. Inhaling hydrogen gas with a hydrogen inhaler can extinguish the most intense oxidative fires and inflammation. Molecular hydrogen has anti-oxidative and anti-inflammatory activities and neuroprotective effects.^{vi} We see increases in the level of the anti-oxidative enzyme superoxide dismutase (SOD) with hydrogen intake.

However, no matter how good hydrogen can be for autistic disorders, parents must face the practicalities of having their children sit still enough to apply hydrogen and oxygen gas.

However, those difficulties do not change the science about how useful hydrogen can be. Hydrogen-rich saline prevents A β -induced neuroinflammation and oxidative stress. Oxidative stress associated with the production of Reactive Oxygen Species (ROS) has been well documented to underlie the surge in pro-inflammatory molecules and mitochondrial DNA damage apparent in disease, which includes cancer, cardiovascular disease, arthritis, neurodegenerative disease, and aging. Higher levels of hydrogen have been shown to protect DNA against oxidative damage by suppressing single-strand breakage of DNA caused by ROS.

Hydrogen also protects against oxidative damage to RNA and proteins. The anti-oxidative stress effect of hydrogen is reported to occur by directly eliminating hydroxyl radical and peroxynitrite.

Subsequent studies indicate that hydrogen activates the Nrf2-Keap1 system. Acute oxidative stress induced by ischemia-reperfusion or inflammation causes severe damage to tissues. Persistent oxidative stress is accepted as one of the causes of many common diseases, including cancer.

H₂ selectively reduces the hydroxyl radical, the most cytotoxic reactive oxygen species (ROS), and effectively protects cells; however, H₂ does not react with the kinds of ROS that possess physiological roles. The inhalation of H₂ gas markedly suppressed brain

injury by buffering the effects of oxidative stress. Thus, H₂ can be used as an effective antioxidant therapy. Owing to its ability to diffuse across membranes rapidly, it can reach and react with cytotoxic ROS and thus protect against oxidative damage.

Saving the Day with Sodium Bicarbonate



Chronic inflammation in the brains of autistic patients, resulting from an over-active immune system, is a sign of autoimmunity. The inflammation indicates that the brain is responding to a process that is stressing or damaging brain cells, a process that might include oxygen radicals. A new medical study has reported dampening the inflammation that brings on autoimmune diseases. The study was published in the peer-reviewed *Journal of Immunology* in April 2018 to confirm the hypothesis that bicarbonate of soda has medical merit and can be a simple cure to autoimmune diseases.

The research report is titled *Oral NaHCO₃ Activates a Splenic Anti-Inflammatory Pathway: Evidence That Cholinergic Signals Are Transmitted via Mesothelial Cells*. NaHCO₃ is the chemical makeup of the bicarbonate of soda, commonly known as baking soda. Splenic refers to the spleen. Cholinergic refers to choline, a primary component of the neurotransmitter acetylcholine found in nerve fibers, which are thin plate-like cells that cover the walls of fluid-containing cavities within the body.

The study was conducted at the Medical College of Georgia at Augusta University and funded by grants from the National Institutes of Health. The researchers' message, "Our data indicate that oral NaHCO₃ activates a splenic anti-inflammatory pathway and provides evidence that the signals that mediate this response are transmitted to the spleen via a novel neuronal-like function of mesothelial cells."

Their research discovered the spleen's role in mitigating inflammation beyond raising acidic pH to higher alkaline levels, a recognized attribute of baking soda even in mainstream medicine.

Dr. Joseph Mercola writes:

"Autoimmune diseases are on the rise, so the earlier you take steps to prevent them, the better. The good news is that some strategies that can lower your risk of autoimmune problems are incredibly simple and inexpensive.

For example, daily drinking a solution of baking soda **can help reduce inflammation** associated with and caused by autoimmune conditions. Baking soda provides a signal to mesothelial cells — which line your internal organs — that your body is doing fine; it's not under attack, so developing an aggressive immune system and a harmful autoimmune response is unnecessary.

To try this strategy, add one-half teaspoon of baking soda to half a glass of water (about 4 ounces), stir until it's completely dissolved, and repeat no more than three times per day, and no more than seven one-half teaspoons in any given 24-hour period."

Radical shifts in pH represent a powerful method of practicing medicine. It would behoove us all to learn how to do this because we are facing the end of the age of antibiotics, and that will be brutal for those who do not jump ship from mainstream medicine. The Arm & Hammer Baking Soda Company knew and published information about using their product for medical purposes in 1926.

We can violently pull the rug out from under most pathogens by bombarding them with a blast of alkalinity. Further destruction of pathogens will result when we take high dosages of iodine, along with supplying our immune system with plenty of magnesium, selenium, and sulfur

Magnesium Deficiency and Autism



Autistic children and children with other spectrum disorders had significantly lower plasma concentrations of Mg than normal subjects.[1]– Dr. M. Strambi

For references, [click here](#).

Research published in the American Journal of Epidemiology in 2002 shows that when the diets of 2,566 children ages 11-19 were studied, less than 14 percent of boys and 12 percent of girls had adequate intakes of magnesium. Low magnesium intake was associated with insufficient measures of several lung functions (including lung capacity and airway flow).[2]

"Magnesium deficiency accentuates the allergic situation," says Terry M. Phillips, D.Sc., Ph.D., director of the immunogenetics and immunochemistry laboratory at George Washington University Medical Center in Washington, D.C., and author of *Winning the War Within*. Thus we can extrapolate that magnesium deficiency can provoke the well-known leaky gut syndrome, which we will discuss below.

The Department of Family Medicine, Pomeranian Medical Academy, states that dietetic factors can play a significant role in the origin of ADHD and that magnesium deficiency can result in disruptive behaviors.[3] When dealing with autism spectrum and other neurological disorders in children, it is vital to know the signs of low magnesium: restless, can't keep still, body rocking, grinding teeth, hiccups, noise sensitivity, poor attention span, poor concentration, irritable, aggressive, ready to explode, easily stressed.

When it comes to our children, we need to assume a significant magnesium deficiency for several reasons. 1) The foods they eat are stripped of magnesium because foods, in general, are alarmingly declining in mineral content. 2) The foods many children eat are highly processed junk foods that do not provide real nutrition to the body. 3) Because most children on the spectrum are not absorbing the minerals they need even when present in the gut. Magnesium absorption is dependent on intestinal health, which is compromised in leaky gut syndromes that the majority of autistic children suffer from. 4) Because the oral supplements doctors rely on are not easily absorbed because they are not in the proper form and because magnesium, in general, is not administered easily orally.



The leaky gut syndrome causes a long list of mineral deficiencies. The carrier proteins responsible for transporting various minerals into the bloodstream are damaged by the swelling and inflammation of leaky gut syndrome, akin to allergies in the gut. It doesn't matter how much magnesium you take when the carrier protein is damaged; magnesium will not get into the body where it is needed. The body can also be deprived of zinc, copper, calcium, silicon, and a wide variety of micro-nutrients. The leaky gut syndrome can also block the absorption of vitamins and essential amino acids, severely hindering nutrient uptake.

A leaky gut syndrome is the result of intestinal inflammation, which causes the spaces between the cell walls to enlarge. It is a condition in which the intestinal lining is more absorbent than usual due to abnormally large spaces or "holes" between the cells of an inflamed intestinal lining. It can be caused and aggravated by several things such as overuse of antibiotics, parasites, excessive consumption of sugar and refined carbohydrates, birth control pills, aspirin, mercury, and other heavy metal poisoning and vaccines. Unfortunately, physicians do not often recognize leaky gut syndrome, and the medical authorities are busy lynching Dr. Wakefield and colleagues for their work, suggesting that the MMR vaccine is one of the principal causes of it.

A double-blind administration of 200 mg elemental magnesium per day to 25 children produced a measurable decrease in hyperactivity over six months compared to control.[4] A case can easily be made that substitutes what allopathic medicine considers background genetic disposition for nutritional deficiencies. According to Dr. Ellen Grant, nearly all the autistic children tested at Biolab had zinc, copper, SODase, and magnesium deficiencies. We know that mercury displaces essential elements like magnesium, selenium, zinc, and copper from cells causing disruptions to enzyme systems in the process. So we can expect that we will see a reversal in symptoms when we correct nutritional deficiencies.

Magnesium deficiency measured in 95% of 116 Polish children with ADHD: 78% low hair, 59% low RBC's, 34% low serum.[5]

Severe vitamin and mineral deficiencies weaken the immune system and lead to developmental problems independently of other factors. This is a crucial point made after the deaths from encephalopathy of two Israeli infants who were exclusively fed a soy formula made in Germany that lacked vitamin B1 (thiamin).[6] A recent documentary on these children shows the most seriously disabled staring into space and barely able to move. While some babies being treated are improving, others seem to be irreversibly damaged, with several of them feeling no pain and never able to cry. Complete nutrition

is crucial for neurological development and function, and any nutritional deficiency will weaken children leaving them more vulnerable to neurological decline.

Naturally, some children would be better mercury eliminators than others, and some kids can stand higher levels of toxicity without falling apart. Most medicine and science are geared to examining toxic influences and not deficiency disorders. Deficiencies in essential minerals like magnesium and selenium can make all the difference between health and disease, between being able to withstand chemical attack and not. Constant low-level mercury stress in the body will diminish selenium because of the high affinity between these two elements. This is a big problem because of reduced glutathione production when selenium is unavailable.

Magnesium permits calcium to enter a nerve cell, allowing electrical transmission along the nerves to and from the brain. Even our thoughts, via brain neurons, are dependent on magnesium.— Dr. Carolyn Dean

There are over 200 published clinical studies[7] documenting the need for magnesium and many examples of miraculous "cures" from the use of this common mineral. Yet DAN (Defeat Autism Now) doctors underestimate autistic children's needs recommending only 50 mg twice a day in oral form even though children with gut problems can absorb only small percentages through their intestines. The autism community needs to be acutely aware that its dependency on oral magnesium supplementation is responsible for a sizable cause of less than excellent results from chelation. A complete changeover to transdermal/topical approaches to magnesium supplementation is, without question, called for.

Evidence is mounting that low magnesium levels contribute to the heavy metal deposition in the brain that precedes Parkinson's, multiple sclerosis, and Alzheimer's. Many symptoms of Parkinson's disease can be overcome with high magnesium supplementation. In a trial with 30 people with epilepsy, 450 mg of magnesium was supplied daily and successfully controlled seizures. Another study found that the lower the magnesium blood levels, the more severe epilepsy. In most cases, magnesium works best in combination with vitamin B6 and zinc.

Because of its nerve and muscle support, magnesium is helpful for nervousness, anxiety, insomnia, depression, and muscle cramps. Dr. Bernard Rimland of the Autism Research Institute extensively researched vitamin B6 and magnesium and found statistically significant results through double-blind placebo-controlled crossover experiments with 16 autistic children.

The involvement of free radicals in tissue injury induced by magnesium deficiency[8] causes an accumulation of oxidative products in the heart, liver, kidney, skeletal muscle tissues, and red blood cells.[9] Magnesium is crucial in the body's natural self-cleansing and detoxification responses. It stimulates the sodium-potassium pump on the cell wall, which initiates the cleansing process partly because the sodium-potassium-ATPase pump regulates intracellular and extracellular potassium levels. Cell membranes contain a sodium/potassium ATPase, a protein that uses the energy of ATP to pump sodium ions out of the cell and potassium ions into the cell. The pump works all the time, like a bilge pump in a leaky boat, pumping K⁺ and Na⁺ in and out, respectively.

Potassium regulation is, of course, crucial because potassium acts as a counterflow for sodium's role in nerve transmission. The body must prioritize regulating the potassium in the blood serum, which becomes problematic when magnesium levels become deficient.[10] Because of these crucial relationships, when magnesium levels become dramatically inadequate, we see symptoms such as convulsions, gross muscular tremor, athetoid movements, muscular weakness, vertigo, auditory hyperacusis, aggressiveness, and excessive irritability, hallucinations, confusion, and semi comma.

A magnesium deficiency can cause the body to lose potassium, which our bodies cannot afford. Within the cell wall is a sodium pump to provide high internal potassium and low internal sodium. Magnesium and potassium inside the cell assist oxidation, and sodium and calcium outside the cell wall help transmit the energy produced. The healthy cell wall favors the intake of nutrients and the elimination of waste products.

Magnesium protects cells from aluminum, mercury, lead, cadmium, beryllium, and nickel, which explains why re-mineralization is so essential for heavy metal detoxification and chelation. Magnesium protects the cell against oxyradical damage and assists in the absorption and metabolism of B vitamins, vitamin C, and E, antioxidants important in cell protection. Recent evidence suggests that vitamin E enhances glutathione levels and may play a protective role in magnesium deficiency-induced cardiac lesions.[11]

Magnesium, in general, is essential for the survival of our cells but takes on further importance in the age of toxicity, where our bodies are being bombarded daily with heavy metals. Magnesium protects the brain from the toxic effects of chemicals. It is highly likely that low total body magnesium contributes to heavy metal toxicity in children and is a vital participant in the etiology of learning disorders.

Without sufficient magnesium, the body accumulates toxins and acid residues, degenerates rapidly, and ages prematurely. Recent research has pointed to low glutathione levels being responsible for children's vulnerability to mercury poisoning from vaccines.[12] It seems reasonable to assume that low magnesium levels also render a child vulnerable.

Glutathione requires magnesium for its synthesis.[13] Glutathione synthetase requires γ -glutamyl cysteine, glycine, ATP, and magnesium ions to form glutathione. In magnesium deficiency, the enzyme γ -glutamyl transpeptidase is lowered.[14] Data demonstrates a direct action of glutathione in vivo and in vitro to enhance intracellular magnesium and a clinical linkage between cellular magnesium, GSH/GSSG ratios, and tissue glucose metabolism.[15] Magnesium deficiency causes glutathione loss, which is not affordable because glutathione helps defend the body against damage from cigarette smoking, radiation exposure, cancer chemotherapy, toxins such as alcohol, and just about everything else.[16]

Impaired antioxidant production provides a common rationale for many disparate features of autistic disorders. According to Dr. Russell Blaylock, low magnesium is associated with dramatic increases in free radical generation and glutathione depletion. This is vital since glutathione is one of the few antioxidant molecules that neutralize mercury.[17] Thus, children receiving Thimerosal-containing vaccines are sitting ducks to mercury

when magnesium and glutathione levels are low. Also, under the shadow of magnesium deficiency, too much Nitric Oxide (NO) is produced, which in turn may react with superoxide to form very damaging compound peroxynitrite. Low magnesium levels can induce such excessive NO production that even the glutathione in the red blood cells is damaged. These could provide some possible explanations for why magnesium seems to protect the arteries.[18]

"Magnesium deficiency in children is characterized by excessive fidgeting, anxious restlessness, psychomotor instability, and learning difficulties in the presence of normal I.Q.," said Dr. Mildred Seelig. Magnesium is an essential mineral that plays a significant role in the functioning of the musculoskeletal system. Magnesium allows the muscles to relax and decreases the discomforts associated with muscle cramping. In addition, magnesium provides a calming effect that allows for more profound relaxation and better sleep. Magnesium is considered the "antistress" mineral. It is a natural tranquilizer that relaxes skeletal muscles and the smooth muscles of blood vessels, and the gastrointestinal tract.

How many doctors relate the increased accumulation of mercury in the body to deficiencies in magnesium? The cause and cure of many physical illnesses can be as simple as correcting a magnesium deficiency, and many of the problems with mercury chelation can be reduced when a person is given sufficient magnesium. Everyone knows that chelation wastes minerals, yet few have investigated sufficiently the critical mineral whose loss cannot be tolerated without unacceptable risk.

Pupils with a mental handicap should be provided with magnesium preparations because their effects are highly positive.[19]

Magnesium is essential for phase one detoxification, and it, along with other minerals like zinc, displaces toxic heavy metals from the body. In addition, magnesium is crucial in the body's natural self-cleansing and detoxification responses. Thus it is reasonable to assume that low magnesium levels would render a child vulnerable to mercury mobilization during chelation.

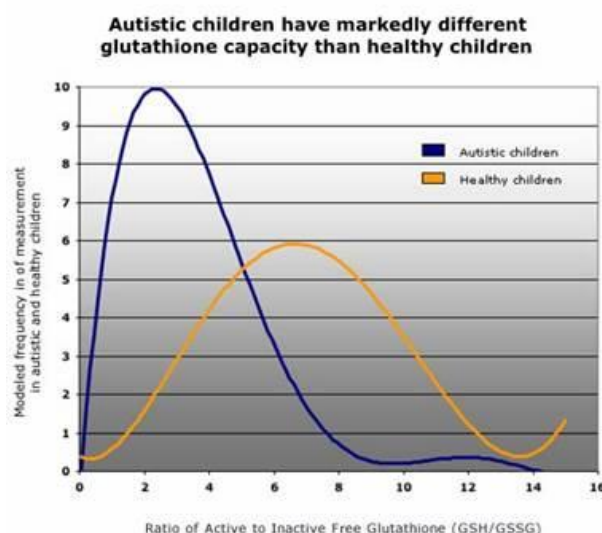
The therapeutic value of magnesium as a transdermal application reaches beyond the potential of dietary magnesium or oral magnesium supplements. Transdermal therapy effectively saturates the tissues, delivering high amounts of magnesium directly into circulation. Autistic parents should read up on what I call magnesium massage because combining touch with magnesium application will go a long way with their children.

Magnesium has been proven to help in cases of ADHD as it would with all neurological conditions. Animal studies have suggested magnesium supplements can increase learning and enhance the behavioral response to a stimulus. Therefore the use of magnesium will improve the effectiveness of treatments for ADD.[20] Low levels of magnesium have long been known to cause hyperexcitability with convulsive seizures in such studies with the well-known reversal of such conditions by treatment with magnesium.[21]

In 2006 Russian researchers used a combination of magnesium and vitamin B6 to treat children aged 6 to 12 with ADHD. After 30 days, the researchers established significant improvements in the magnesium and vitamin B6 group with notable improvements in behavior, decreased anxiety levels, and aggression with significantly increased attention

capacity.[22] In 1997 researchers studied fifty children who were supplemented with 200 mg per day of magnesium for six months in addition to their standard treatment. At the end of the trial, the children whose treatment included magnesium supplements demonstrated a significant improvement in hyperactive behavior.[23] In 2004 French researchers also studied hyper-excitable children. After six months of treatment, they also saw reduced symptoms of hyperexcitability, including physical aggression, instability, and learning attention.[24]

Dr. Jill James of the University of Arkansas School of Medicine has documented a unique metabolic profile in 95 autistic children with regressive autism.[25] Regressive autism is a disease in which children usually develop for a certain period before losing previously acquired language or behaviors and being diagnosed with autism. The metabolic profile in the James study of children manifests as a severe imbalance in the ratio of active to inactive glutathione in autistic children compared to healthy control children. Glutathione, a potent antioxidant, is the body's most important tool for detoxifying and excreting metals, and its production in the body depends on good nutrition.



The James study shows that children with regressive autism have consistently elevated levels of oxidative stress as compared to normal healthy children. Individuals with reduced glutathione antioxidant capacity (magnesium and selenium deficient) will be under chronic oxidative stress and more vulnerable to toxic compounds that act primarily through oxidative damage.

A controlled study was performed by Schultz ST and colleagues from the University of California. It indicated that Tylenol, in conjunction with the measles-mumps-rubella vaccination, significantly increases the risk of developing an autistic disorder, particularly in children five years of age and younger. Tylenol is thought to deplete glutathione, which the liver uses to eliminate toxins introduced to the body.

In children susceptible to autism, the ingestion of Tylenol combined with the MMR vaccination significantly increases their risk. And we do find a case for renal magnesium wasting associated with acetaminophen use and abuse[26], and we know that glutathione levels are dependent on sufficient cell magnesium stores.

Glutathione plays a role in the detoxification of acetaminophen, so we know that taking Tylenol and all the other over-the-counter medications in this area will deplete glutathione stores. Acetaminophen is broken down first by reaction with a cytochrome p450 enzyme, forming a highly toxic intermediate, then by adding glutathione, developing a non-toxic product that is promptly excreted.



Dangerous Places Full of Magnesium and Glutathione Depleting Substances

In average analgesic amounts, the drug is cleared away in a few hours, but glutathione stores are diminished in the aftermath of its use. If too much is taken — perhaps 30 grams for a typical adult — the glutathione reserves in the liver are depleted, causing a crisis. The highly reactive intermediates formed by cytochrome p450 then build up and react with other vital cellular components, causing extensive liver damage.

[1] http://grande.nal.usda.gov/ibids/index.php?mode2=detail&origin=ibids_references&therow=787345

[2] Gilliland, F.D. et al. Dietary magnesium, potassium, sodium and children's lung function. *American Journal of Epidemiology* . 2002; 155: 125-131.

[3] The effects of magnesium physiological supplementation on hyperactivity in children with ADHD. *Mag Res* 1997; 10(2):149-56.

[4] *Magnesium Research* 10(2): 149-156 1997

[5] *Magnesium Research* 10(2): 143-148 1997

[6] *BMJ* 2003;327:1128

[7] <http://mgwater.com/>

[8] Magnesium deficiency (MgD) has been associated with production of reactive oxygen species, cytokines, and eicosanoids, as well as vascular compromise in vivo. Although MgD-induced inflammatory change occurs during "chronic" MgD in vivo, acute MgD may also affect the vasculature and consequently, predispose endothelial cells (EC) to perturbations associated with chronic MgD. As oxyradical production is a significant component of chronic MgD, we examined the effect of acute MgD on EC oxidant production in vitro. In addition we determined EC; pH, mitochondrial function, lysosomal integrity and general cellular antioxidant capacity. Decreasing Mg²⁺ (< or = 250microM) significantly increased EC oxidant production relative to control Mg²⁺ (1000microM). MgD-induced oxidant production, occurring within 30min, was attenuated by EC treatment with oxyradical scavengers and inhibitors of eicosanoid biosynthesis. Coincident with increased oxidant production were reductions in intracellular glutathione (GSH) and corresponding EC alkalinization. These data suggest that acute MgD is sufficient for induction of EC oxidant production, the extent of which may determine, at least in part, the extent of EC dysfunction/injury associated with chronic MgD. Effect of acute magnesium deficiency (MgD) on aortic endothelial cell (EC) oxidant production. Wiles ME, Wagner TL, Weglicki WB. The George Washington University Medical

Center, Division of Experimental Medicine, Washington, D.C., USA. mwiles@nexstar.com Life Sci. 1997;60(3):221-36.

[9] Martin, Hélène. Richert, Lysiane. Berthelot, Alain Magnesium Deficiency Induces Apoptosis in Primary Cultures of Rat Hepatocytes.* Laboratoire de Physiologie, et Laboratoire de Biologie Cellulaire, UFR des Sciences Médicales et Pharmaceutiques, Besançon, France. 2003 The American Society for Nutritional Sciences J. Nutr. 133:2505-2511, August 2003

[10] A magnesium deficiency can cause the body to lose potassium [Peterson 1963][MacIntyre][Manitius], possibly because of a poorly understood effect of magnesium on the efficiency of energy supply to the sodium pump [Fischer].

[11] Barbagallo, Mario et al. Effects of Vitamin E and Glutathione on Glucose Metabolism: Role of Magnesium; (Hypertension. 1999;34:1002-1006.)

[12] Environmental Working Group. <http://www.ewg.org/reports/autism/part1.php>

[13] Linus

Pauling

Institute <http://lpi.oregonstate.edu/infocenter/minerals/magnesium/index.html#function>

[14] Virginia Minnich, M. B. Smith, M. J. Brauner, and Philip W. Majerus. Glutathione biosynthesis in human erythrocytes. Department of Internal Medicine, Washington University School of Medicine, J Clin Invest. 1971 March; 50(3): 507–513. Abstract: The two enzymes required for de novo glutathione synthesis, glutamyl cysteine synthetase and glutathione synthetase, have been demonstrated in hemolysates of human erythrocytes. Glutamyl cysteine synthetase requires glutamic acid, cysteine, adenosine triphosphate (ATP), and magnesium ions to form γ -glutamyl cysteine. The activity of this enzyme in hemolysates from 25 normal subjects was 0.43 ± 0.04 μ mole glutamyl cysteine formed per g hemoglobin per min. Glutathione synthetase requires γ -glutamyl cysteine, glycine, ATP, and magnesium ions to form glutathione. The activity of this enzyme in hemolysates from 25 normal subjects was 0.19 ± 0.03 μ mole glutathione formed per g hemoglobin per min. Glutathione synthetase also catalyzes an exchange reaction between glycine and glutathione, but this reaction is not significant under the conditions used for assay of hemolysates. The capacity for erythrocytes to synthesize glutathione exceeds the rate of glutathione turnover by 150-fold, indicating that there is considerable reserve capacity for glutathione synthesis. A patient with erythrocyte glutathione synthetase deficiency has been described. The inability of patients' extracts to synthesize glutathione is corrected by the addition of pure glutathione synthetase, indicating that there is no inhibitor in the patients' erythrocytes.

[15] Braverman, E.R. (with Pfeiffer, C.C.)(1987). The healing nutrients within: Facts, findings and new research on amino acids. New Canaan: Keats Publishing

[16] Barbagallo, M. et al. Effects of glutathione on red blood cell intracellular magnesium: relation to glucose metabolism. Hypertension. 1999 Jul;34(1):76-82. Institute of Internal Medicine and Geriatrics, University of Palermo, Italy. mabar@unipa.it

[17] <http://www.dorway.org/blayautism.txt>

[18] Mak IT; Komarov AM; Wagner TL; Stafford RE; Dickens BF; Weglicki WB Address Department of Medicine, George Washington University Medical Center, Washington, District of Columbia 20037, USA. Source Am J Physiol, 1996 Jul, 271:1 Pt 1, C385-90

[19] Drybanska-Kalita A. Effect of various methods of supplementing magnesium on health status of children under special care. Ann Acad Med Stetin 1995;41:211-9.

[20] Psychiatry research. 1994;54:199-210

[21] Journal of the American College of Nutrition. 2004 Oct;23(5):545S-548S

[22] Eksp Klin Farmakol. 2006 Jan-Feb;69(1):74-7

[23] Magnesium Research. 1997 Jun; 10(2): 149-56

[24] Journal of the American College of Nutrition. 2004 Oct;23(5):545S-548S

[25] <http://www.ewg.org/reports/autism/part1.php>

[26] Tusio PJ, Nortman D. UCLA School of Medicine. Conn Med. 1992 Aug;56(8):421-3

The Importance of Detox in Autism Treatment



Published on December 8, 2009

Pointing the finger to mercury's central role in the creation of autism spectrum disorders does not discount other possible causes of autism or a general theory that includes a multitude of causes, which over the long run, weaken children to the point where the toxic overload from chemicals in vaccines is just too much to handle.

Doctors have consistently found in autism a combination of conditions including severe intestinal dysbiosis, systemic fungal and viral infections, mineral deficiencies, abnormal serotonin levels, and an abundance of toxic materials including pesticides, other chemicals, mercury, and other heavy metals. Autistic children suffer from heavy metal-instigated gut and brain infections that create neurological dysfunctions. A fungal infection in an expecting mother's body can become more acute as blood sugar levels go up. All diseases in the mother's blood are passed to her baby.

From a parents' perspective, with neurological and learning disorders affecting almost one in five children today, it is safe to say there is nothing more important than opening awareness to all the possible factors that are impacting so strongly to affect so many children in this way. The price of oblivion or medical ignorance is just too high when you think of all the suffering and lost opportunity through lost neurological potential. And with the medical profession so ready to step in and force us to drug and further poison our children if they are not hitting benchmark learning and behavior levels, we have an emergency that no parent can afford to ignore.

Dr. Charles Parker says, "If we do any work with Autism Spectrum Disorder, we must know gut physiology. The leaky gut syndrome is the name given to a pervasive health disorder in which the basic organic defect (lesion) is an intestinal lining that is more permeable (porous) than normal. The abnormally large spaces between the gut wall cells allow the entry of toxic material into the bloodstream that would, in healthier circumstances, be repelled and eliminated. The gut becomes leaky because bacteria, fungi, parasites, toxins, undigested protein, fat, and waste normally not absorbed into the

bloodstream in the healthy state pass through a damaged, hyperpermeable, porous, or "leaky gut." You can be leaky with leaking fecal material into your peritoneal cavity. Constipation or diarrhea, it doesn't matter. That bowel, the first line sewage treatment plant, is rusty if not broken."

"When fungi become systemic from gut inflammation and the overuse of antibiotics, you can see how the whole body—again, the eyes, liver, gallbladder, muscles and joints, kidneys, and skin—becomes involved in inflammatory bowel disease."

Dr. Dave Holland

This is why babies are being born today with systemic fungal infections. When this happens, yeast is in the baby's gut. Studies show that yeast in the amniotic fluid can paralyze the gut wall, so babies are constipated at birth. This can be serious because the baby won't be able to eliminate inherited toxins – including metals like mercury. It is challenging to decide what comes first, the mercury or the fungal infection, but these fungal infections lead to more difficulties with eliminating heavy metals like lead and mercury. Many children are born at risk for autism because they lack a healthy inner ecosystem at birth and lack the glutathione, which removes the poisons from the cells.

The number of children in Britain with autism is higher than previously thought. An unpublished study by Cambridge University's Autism Research Centre found that one in 58 children may have a condition.

Medical scientists at Arizona State University tell us that antibiotic use is known to almost completely inhibit the excretion of mercury in rats due to alteration of gut flora. Thus, higher use of oral antibiotics in children with autism may have reduced their ability to excrete mercury. Higher usage of oral antibiotics in infancy may also partially explain the high incidence of chronic gastrointestinal problems in individuals with autism. Unfortunately, many physicians are unaware of the lasting adverse effects caused by routinely prescribed medications such as antibiotics. Antibiotic therapy for minor colds and runny noses is a common practice. People receive multiple courses of broad-spectrum antibiotics or are injected with long-acting corticosteroid medicine for joint or muscle pain. Once established, sub-clinical colonization with yeast in the body may persist unrecognized for many years. Antibiotics, such as tetracycline, can significantly increase yeast in the colon after only a few days.

The extensive use of antibiotics will make the condition of Candida much worse because it reduces heavy metal excretion, a food source for the yeast-like organism, and also kills the beneficial bacteria simultaneously.

Dr. Elmer Cranton says, "Yeast overgrowth is partly iatrogenic (caused by the medical profession) and can be caused by antibiotics and cortisone medications. A diet high in sugar also promotes the overgrowth of yeast. A highly refined and chemicalized diet now common in industrialized nations not only promotes yeast growth but is also deficient in many of the essential vitamins and minerals the immune system needs. In addition, chemical colorings, flavorings, preservatives, stabilizers, emulsifiers, etc., add more stress on the immune system."

Children with autism had significantly (2.1-fold) higher levels of mercury in their baby teeth but similar levels of lead and zinc. Children with autism also had significantly higher usage of oral antibiotics during their first 12 to 36 months of life. [2]

In the July 11, 2007 issue of the Journal of the American Medical Association, researchers say the use of antibiotics as prevention boosts risks for drug resistance while doing nothing to shield kids from future urinary tract infections (UTIs). Giving antibiotics to prevent recurrent urinary tract infections in small children will not help but will hurt these children. However, prior use of antibiotics to prevent disease did boost the likelihood of developing a drug-resistant infection by nearly 7.5 times. Indeed, the researchers pointed out that a pathogen caused 61 percent of recurrent urinary tract infections with antibiotic resistance. The American Academy of Pediatrics hopefully will pay attention to these findings and begin to push their physicians away from their obsession with antibiotics.

In 2005 a study, the antibiotic Augmentin TM was implicated in the formation of autism. The study strongly suggests the possibility of ammonia poisoning due to young children taking Augmentin. Augmentin has been given to children since late 1980's for bacterial infections.[3]

Many physicians seem unaware that estrogen and progesterone hormone pregnancy and birth control pills can make the body more susceptible to fungal infections. If antibiotics are prescribed, it acts as a double whammy to ensure a fungal infection will take hold by diminishing the protective bacteria in the intestines. Many pregnant women seek medical treatment for minor problems and are indiscriminately given antibiotics since doctors today have little care or equipment to identify proper causative agents.

Microforms poison us with their waste products. The waste products are acetyl aldehyde, uric acid, alloxan, alcohols, lactic acid, etc.

Antibiotics may blame hundreds of children developing autism after having the controversial MMR jab. A British survey has revealed that more than two-thirds of youngsters with the condition received four or more antibiotics in their first year. It is thought the drugs weakened their immune systems, leaving them unable to withstand the impact of the triple jab. However, allopathic medicine has been stubborn and slow to look at the almost suicidal use of antibiotics. With last-line-of-defense antibiotics failing on increasingly drug-resistant superbugs and young children's systems being destroyed by them, you would think they would wake up and find some alternatives.

Dr. Jill James of the University of Arkansas School of Medicine has documented a unique metabolic profile in 95 autistic children with regressive autism.[4] Regressive autism is a disease in which children usually develop for a certain period before losing previously acquired language or behaviors and being diagnosed with autism. The metabolic profile in the James study of children manifests as a severe imbalance in the ratio of active to inactive glutathione in autistic children compared to healthy control children. Glutathione, a potent antioxidant, is the body's most important tool for detoxifying and excreting metals, and its production in the body depends on good nutrition.

The James study shows that children with regressive autism have consistently elevated levels of oxidative stress as compared to normal healthy children. Individuals with reduced glutathione antioxidant capacity will be under chronic oxidative stress and more

vulnerable to toxic compounds that act primarily through oxidative damage, including mercury.

Autistic children and children with other autistic spectrum disorders had significantly lower plasma concentrations of Mg than normal subjects.[5]– Dr. M. Strambi

[1] <http://www.24dash.com/health/23816.htm>

[2] J Toxicol Environ Health A. 2007 Jun;70(12):1046-51. Mercury, lead, and zinc in baby teeth of children with autism versus controls.

[3] Medical Hypotheses, (2005 64, 312–315) <http://press.arrivenet.com/health/article.php/551918.html>

[4] <http://www.ewg.org/reports/autism/part1.php>

[5] http://grande.nal.usda.gov/ibids/index.php?mode2=detail&origin=ibids_references&therow=787345

Dr. Boyd Haley's Super Glutathione Molecule



Safe Effective Chelation and Detoxification

The biggest tragedy in medicine and dentistry is the use of mercury. For a decade and a half, Dr. Boyd Haley, renowned former chairman of Kentucky University's chemistry department, has warned us about what the FDA and CDC do not want us to know about mercury contamination. This matters for cancer patients since medical scientists have noticed that mercury and other heavy metals are at the center of cancer, diabetes, and other diseases.

Haley's chelator NBMI is astonishing. It should be near the top of protocols for cancer and neurological patients (think autism, Alzheimer's, and Parkinson's disease) and for anyone who has had mercury fillings in their mouths and those who live downwind of coal plants, town incinerators, and crematoriums. NBMI reaches across the blood-brain barrier and will pull heavy metals out of the brain, bones, and all other tissues.

NBMI strongly favors mercury, uranium, lead, and iron. Iron has been consistently linked to carcinogenesis through persistent failure in the redox balance or its critical role in cellular proliferation.[1]

Iron deficiency is also a concern for cancer patients. In premenopausal women, an iron deficiency caused by menstruation stabilizes hypoxia-inducible factor-1 α , increasing vascular endothelial growth factor formation.[2] Beware: A study found that two iron compounds, which are used in supplements and food additives, raise levels of a cancer biomarker — even when consumed in low amounts.

NBMI would be equivalent to chemotherapy without all the horrific side effects for cancer patients. That is what we should expect with any effective therapy against heavy metal contamination. NBMI latches onto mercury like a Pitt bull and will not let go, making

mercury inert while still in the body. Once bound, the mercury contamination is destined for eventual removal.

NBMI is available for research purposes, which means it is relatively easy to obtain, though it is not inexpensive like sodium bicarbonate and chlorine dioxide. It has demonstrated almost zero toxicity because it mimics a natural compound. Its action is similar to glutathione.

The pristine environments of the world have vanished. But unfortunately, we have realized too late that the same thing has happened to our bloodstreams, cells, and tissues, with doctors and dentists contributing significantly to this.

As the ability of science to measure increasingly smaller amounts of toxins in the body improves, we are finding that it does not take substantial amounts to degrade body functioning. Worse, many toxins combine in unpredictable ways to produce a combined effect worse than the sum of the individual effects. For instance, aluminum is known to make mercury much more toxic, and add in antibiotics, which children frequently take, and we have a potentially near-lethal combination.

Far below, you will see my most basic recommendations on how to safely begin the process of detoxification and chelation. NMBI is more expensive and powerful, but the way needs to be prepared for its use. Some people might receive all the benefits from essential detox and chelation and might not even need to go for NMBI.

Chelation Therapy

The word chelate comes from the Greek word referring to a claw. Scientifically, a chelate relates to a ligand binding to a central metal atom at two or more points. Chelation therapy involves the administration of a chelating agent.

Chelation therapy is a controversial and divisive topic, yet there are currently 11 FDA-approved chelators available by prescription. Chelation products may also be obtained through compounding pharmacies and online, some without prescription.

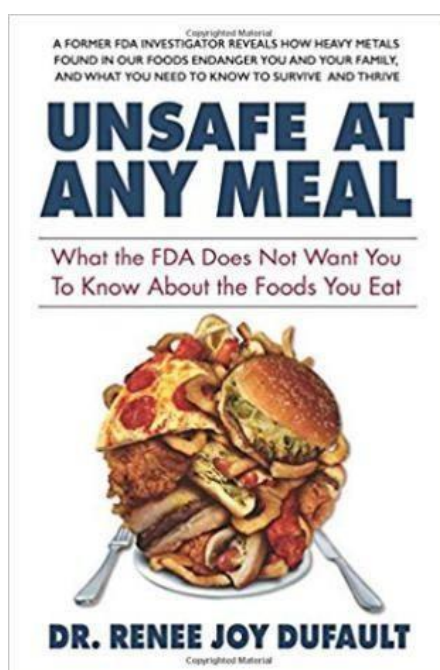
Most are not as safe, effective, and flexible administration as NMBI. Though the mainstream says that evidence that chelation improves outcomes is scarce, it is essential to chelate heavy metals that we have to leave all doubt behind us, and NMBI makes it easy to do just that. Other substances like Zeolite and Bentonite clay give an assist in this regard.

We hear from the mainstream that it is too familiar for practitioners to diagnose mercury intoxication and begin treatment without performing an adequate clinical workup. Today, hardly anyone can afford such clinical workups, and that situation will only worsen. Below we will touch on the mercury catastrophe plaguing the earth, giving us more than a good reason to assume contamination, significantly if we have already fallen to one of many chronic diseases, including cancer.

Chelators have the potential to cause harm, which has to be conceded from past clinical experience, especially because chelators can strip the body of essential minerals as well as unpleasant heavy metals, so obviously, caution is required.

The Rising Tide of Mercury

Medical officials have kept their mouths shut about the clouds of mercury penetrating every corner of the earth and every cell in our bodies. But unfortunately, the FDA still stands behind mercury amalgam fillings, and the CDC stands behind thimerosal (mercury), which is still used in the flu and many third-world vaccines. Nothing demonstrates the terrible arrogance of these organizations than their approval of using mercury in medicine and dentistry.



Mercury is also in our food supply, and the FDA does not want you to know that either. Each year, Americans consume hundreds of food products that contain hazardous compounds, including heavy metals, pesticides, and other harmful additives—with the blessing of the FDA.

Dr. Renee Dufault, the former food investigator for the Food and Drug Administration, found while at the FDA that mercury was contaminating the plumbing systems of many food manufacturing plants. Upon further examination, she discovered that the same mercury was also evident in several processed foods commonly sold in supermarkets. When Dr. Dufault revealed these disturbing findings to her superiors, she was told to stop her investigation. So she retired instead of continuing to work for medical terrorists, which is what the stop staff of the FDA are.

Oncologists concede cancer is often caused by infection, which is often caused by heavy metal contamination. According to the observations made by the internationally recognized medical researcher, Dr. Yoshiaki Omura, **all cancer cells have mercury in them.**

The single most significant source of mercury contamination is mercury-containing dental amalgam, and doctors around the world still inject children with mercury-containing vaccines.

Glutathione Mirror

Because Dr. Haley's chelator is a mirror of glutathione, which is also a chelator, it is interesting to read Dr. Jill James of the University of Arkansas School of Medicine. Her research has documented a unique metabolic profile in 95 autistic children with regressive autism.

Regressive autism is a form of autism in which children develop normally for a certain period before losing previously acquired language or behaviors and being diagnosed with autism. The metabolic profile in the James study of children manifests as a severe imbalance in the ratio of active to inactive glutathione in autistic children compared to healthy control children. Glutathione, a potent antioxidant, is the body's most important tool for detoxifying and excreting metals, and its production in the body depends on good nutrition.

We Must Treat Mercury and other Heavy Metal Toxicities

"Mercury vapor from dental amalgam can penetrate any body part it wants. Mercury would rather be in fatty tissues, making the brain a prime target. Plus, you can take it in through the axonal nerves. From the nasal cavity up into the brain. And if you breathe it, it gets into the body and travels, penetrating every cell or membrane," said Dr. Haley.

Dr. Jaquelyn McCandless says, "Oral agents, especially DMSA, can encourage yeast overgrowth." When chelating people with a heavy-metal burden, particularly when they are young children or very elderly or have cancer or other chronic diseases, it is best to mobilize and eliminate metals gently, slower rather than faster, so that the body can reabsorb less and avoid flooding the body with toxic metals that cause further oxidative stress due to their free-radical activity.

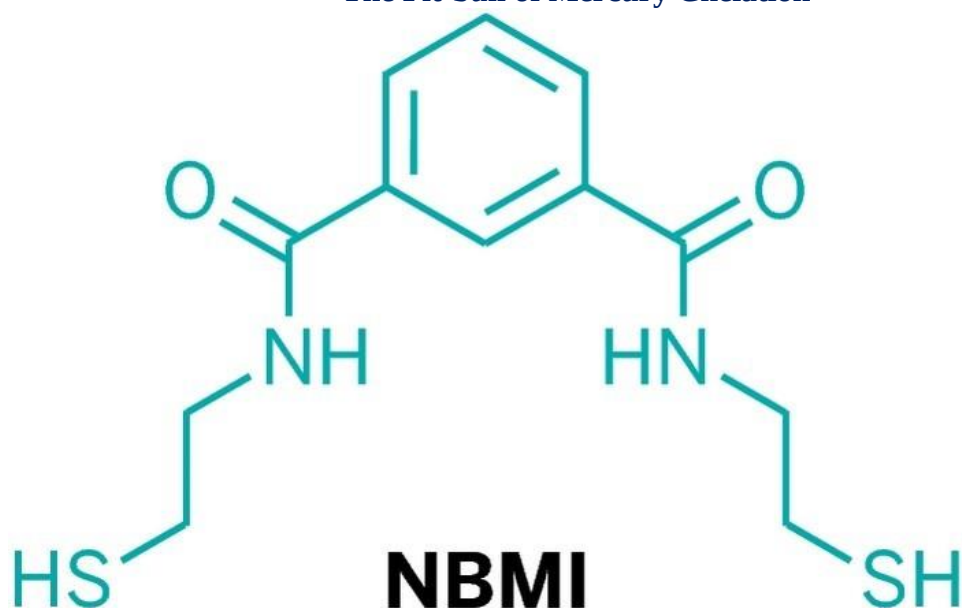
Metal chelation is a severe and complex matter. You can end up in worse health after chelation than when you started if you are not well informed and do not proceed carefully. Competent doctors can use synthetic chelators, but their dangers are ever-present. Some of the more aggressive chelation procedures are appropriate in the cases of acute toxic exposure. Still, even with stage-four cancers or the imminent threat of heart attack or stroke, it is probably best to use gentle approaches whenever possible. NBMI would be soft but aggressive at the same time.

Dr. George Georgiou says, "Many health practitioners use synthetic chelating agents such as DMPS, DMSA, EDTA, and others to mobilize and eliminate heavy metals from the body. There are advantages and disadvantages to using these. One advantage is the power of their mobilizing activity—they are quick to mobilize and eliminate certain metals in the body, but this may burden the body's detoxification systems. In addition, natural

medical physicians have reported further symptoms throughout the U.S., such as intractable seizures in pediatric patients and multiple sclerosis in adult patients due to taking high doses of DMSA over extended periods. These are valid reasons to be at least cautious in using DMSA to treat mercury-toxic pediatric patients. In addition, the fragile brains and nervous systems of children with autism, PDD, and seizure disorders should be handled with considerable care so as not to increase the damage."

Dr. Haley's relatively new chelator NBMI (also called OSR, Irminix, and Emeramide) is the best and safest choice of chelator.

The Pit-bull of Mercury Chelation



NBMI is a chemical compound created by Dr. Boyd Haley of heavy metals, which removes mercury, lead and cadmium, arsenic, free copper, and free iron. It does not affect aluminum. NBMI binds to metals deferentially based on their size and affinity for sulfur. It has successfully been tested on miners who often suffer from acute mercury toxicity.

NBMI's highest affinity is for the toxic-only, third-period transition metals (mercury, tungsten, gold) and their higher-weight heavy metals (lead, bismuth, uranium, thorium).

"A striking observation of one study was the protection of the Hg-induced cytotoxicity by NBMI *through restoring the loss of GSH* (glutathione) and attenuating the ERK1/2-mediated PLD signaling. It has been established that Hg preferentially reacts with cellular thiols, and GSH being the most critical intracellular soluble thiol antioxidant, is depleted during Hg toxicity."

NBMI is highly lipophilic, or fat soluble. That means it has the ability to pass thru cell membranes and will also cross the blood-brain barrier to clear the brain of metals. Properly sourced NBMI products are 100% pure and have no reported side

effects. Even when used by foreign nations to detoxify gold miners who use mercury daily, there were no reported side effects.

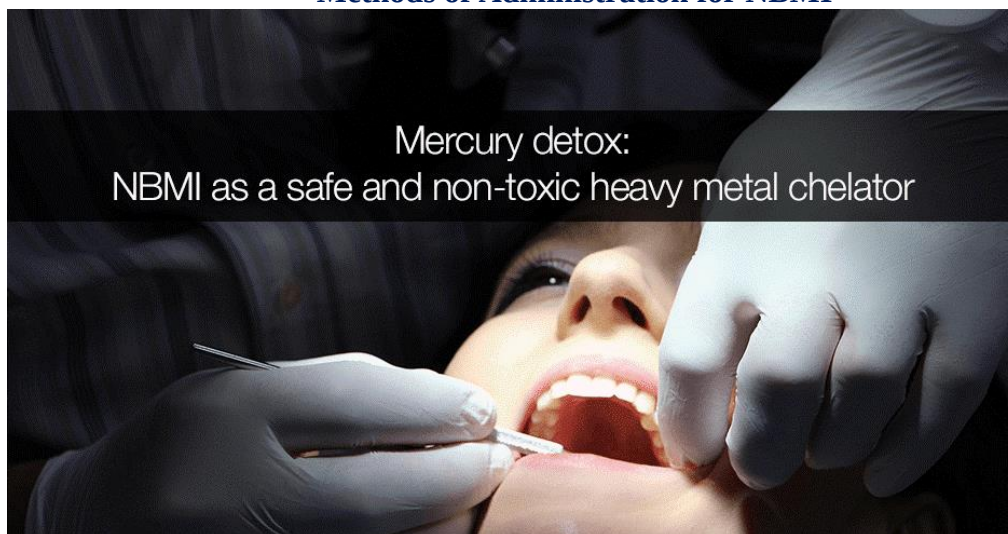
In prior use history as a supplement, there were no reported side effects. NBMI was formally distributed as a dietary supplement from 2008-2010 as OSR.

Is there anything that indicates I should not take NBMI?

If you have a diagnosed allergy to Sulfa drugs, NBMI has a similar structure and may produce the same reaction as Sulfa drugs. (Note that Sulfa is different from sulfate and sulfite.) Sulfa drugs are common antibiotics. Unfortunately, about 3% of the population has an allergy to them. Symptoms of an allergy include rashes, itching, chest congestion, and swelling of the mouth and throat.

NBMI is excreted through the liver into the gut as bile. This mixes with your food and is eventually excreted in the stool. If you are constipated, the stools will stay in the intestines for an extended period, potentially allowing various substances to be reabsorbed. NBMI, with its heavy metals, may be reabsorbed, although it should not do any harm.

Methods of Administration for NBMI



NBMI can be used when there is still dental amalgam in your mouth. It is fat soluble, so it should be mixed with fats like ghee, olive oil, and coconut oil for oral consumption. Most people swallow it while others place it under the tongue. Mix it with oil and rub it on the skin for transdermal use. It would be desirable to have a fine powder to make this more effective. Larger granules are likely to result in poorer absorption. Boyd Haley says it dissolves well in emu oil. Some people dissolve it in DMSO, mix it with oil, and rub it on the skin. This is assumed to give better absorption.

The experience is that some manage better in the morning as they have more energy after they take it. For others, it makes them tired, so they take it at night. It would be best to experiment to see what is best for you.

Most people take it once daily, but some spread it over the day. Ideally, an adult will be taking around 300mg per day. However, starting at this level can sometimes cause severe side effects. My recent experience is to start with a small amount at intervals to identify if there are any side effects. If there are no side effects, or after any side effects have settled down, gradually increase the dose.

It is important to note that NBMI is still effective, taking only small doses. Chelation will be slower, but you still make progress with fewer side effects.

If you are pretty sick or think you are very mercury toxic, a reasonable amount to start with is 3-6mg every 2-3 days. Taking NBMI every day intensifies chelation symptoms. By taking it every 2-3 days to start, you will know how it affects you and allow any symptoms caused by NBMI binding mercury to settle. If that is tolerated without too many side effects, try more often, say every second day, every day, and then twice a day. Only when you can handle this, increase the dose SLOWLY.

Since NBMI will grab on to minerals other than mercury and lead, mineral supplements should be taken away from when NBMI is taken because NBMI can potentially lower levels of minerals in the body. Taking them at the same time as NBMI may lead to the NBMI attaching to those minerals instead of to the heavy metals, reducing its effectiveness. Since NBMI will grab on too many minerals as it encounters them, it is likely to grab nutrient minerals in the food so take it away from meals.

Some people don't have the proper enzyme pathway to break down sulfite to sulfate. Molybdenum is an essential part of this pathway. You can probably work out if you are low on what you eat. Legumes, such as beans, lentils, and peas, are the richest sources of molybdenum. Grain and nuts are considered good sources, while animal products, fruit, and many vegetables are generally low in molybdenum.

Purchasing Information

Dr. Boyd Haley's NBMI is available for those contaminated by mercury and other heavy metals. As of this date, it is available for compassionate use only. The application process can be lengthy for some countries, and in others, it is very simple or unnecessary. The product is currently provided for free with a fee of \$750 for application processing.

A less expensive source ships from the Far East and the United States. Their price for 5/10/20g is USD150/220/350. Mob./Whatsapp/Telegram: +86 186 6823 5107 <https://www.fandachem.com/> Use of a sensitive scale is suggested with use.

Gargling With Iodine Beats COVID



A small randomized controlled trial suggested that gargling with povidone-iodine clears the virus from the nose and throat within four days. 20 asymptomatic or pre-symptomatic COVID-19 patients from a Malaysian university hospital were randomly allocated into four groups:

- Group A gargled with 10 milliliters of 1% povidone-iodine for 30 seconds, three times per day.
- Group B did the same with 20 milliliters of Listerine.
- Group C did the same thing with 100 milliliters of tap water.
- Group D acted as untreated controls.

On day 4, 100% of those in the povidone-iodine group had cleared the virus. By contrast, 80% of those in the Listerine group, 40% of those in the tap water group, and 20% of those in the control group had cleared the virus.

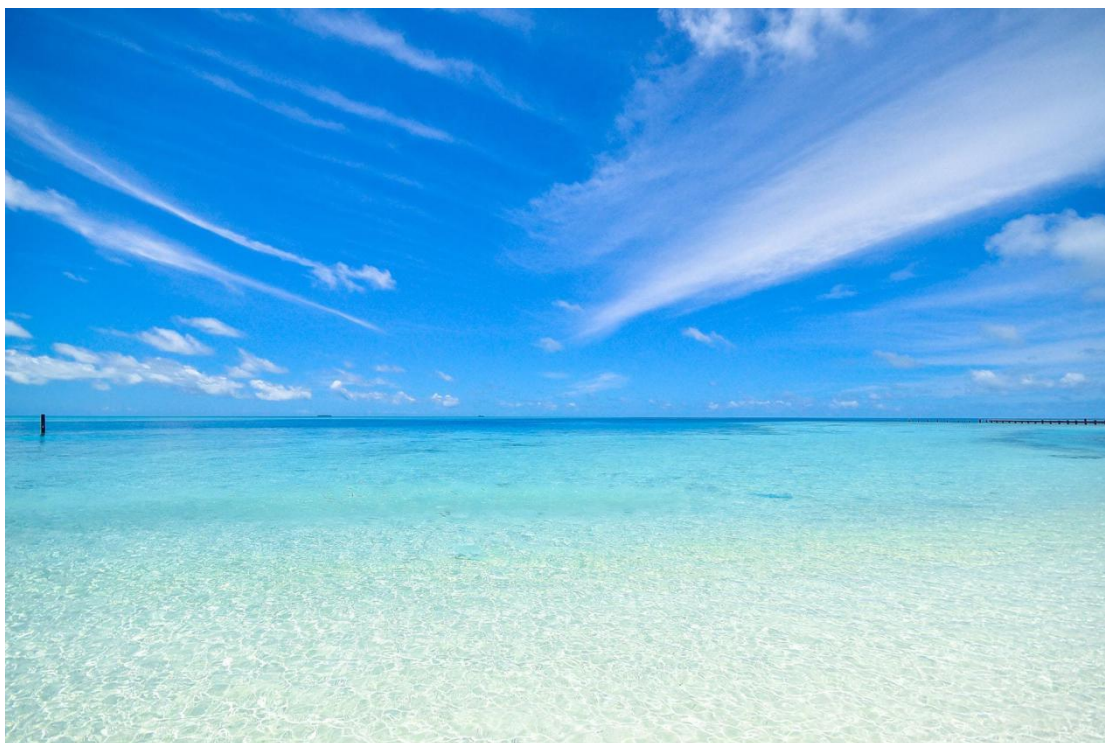
On May 26, a study was released, providing the first direct evidence that povidone-iodine, a widely used antiseptic, is capable of killing SARS-CoV-2, the coronavirus that causes COVID-19. As little as 0.5% povidone-iodine completely inactivated the virus in 60 seconds, comparable to 70% alcohol. Greater concentrations were equally effective but provided no additional benefit.

This was an *in vitro* study testing the ability to inactivate the virus when infecting isolated cells from the kidneys of African green monkeys. Povidone-iodine is traditionally used topically, and this study does not provide any basis to suggest it should be swallowed orally.

This suggests that 0.5% povidone-iodine solutions (which can be made by diluting 10% solutions, which are readily available on Amazon) can be used inside the nose with a

sterile swab, nasal irrigation system, or nasal spray and that they can be swished in the mouth for 60 seconds, to kill the virus.

Magnesium the Key Nutrient for Mental Stability



The existing body of research on magnesium and mental health is abundant; thus, there is no excuse that psychiatrists and psychologists do not prescribe it. However, treatment with magnesium supplements has been shown to induce rapid recovery from depression,^{xv} improve symptoms of premenstrual syndrome,^{xvi} and reduce hyperactivity in children with ADHD.^{xvii} In addition, patients with schizophrenia have lower erythrocyte magnesium levels than controls.

Dr. Barbara Bartlik, a psychiatrist at the Manhattan Psychiatric Center, believes magnesium is an essential supplement for psychiatric patients. This is because magnesium is vital in relaying signals between your brain and body. It acts as the gatekeeper for the N-methyl-D-aspartate (NMDA) receptors on your nerve cells and aid brain development, memory, and learning. Thus magnesium plays a significant role in calming the nervous system due to its ability to act on NMDA, inhibiting excitatory neurotransmission.

Magnesium has been found to function similarly to lithium, which is often prescribed for bipolar disorder as a mood stabilizer. Adding magnesium to your diet may help decrease mania symptoms or rapid cycling.

Dr. James Greenblatt, Chief Medical Officer at Walden Behavioral Care and Assistant Clinical Professor of Psychiatry at Tufts University School of Medicine writes:

“Some of the highest levels of magnesium in the body are found in the central nervous system, with studies dating back to the 1920s showing how crucial magnesium is for a balanced brain...

It’s known, for example, that magnesium interacts with GABA receptors, supporting the calming actions of this neurotransmitter. Magnesium also keeps

glutamate—an excitatory neurotransmitter—within healthy limits. Patients with higher magnesium levels also have healthy amounts of serotonin in the cerebrospinal fluid. And the synthesis of dopamine requires magnesium.

In summary, the body needs magnesium to create neurotransmitters (biosynthesis) and for those neurotransmitters to actually transmit. Magnesium also acts at both the pituitary and adrenal levels. In the pituitary gland, it modulates the release of ACTH, a hormone that travels to the adrenal glands, stimulating cortisol release.”

“Medications can cause nutrient deficiency with long-term use,” says Dr. Laura Carr, a pharmacist at Harvard-affiliated Massachusetts General Hospital. “Schizophrenia and bipolar disorders are two of the most severe CNS conditions. Changes in plasma and intracellular magnesium concentration, as well as in other bivalent cations, have been found in both psychoses. Our data, as well as that of other authors, has shown that schizophrenic, paranoid patients admitted in the acute state and without previous treatment have significantly decreased intracellular magnesium levels compared to healthy subjects.”

Haloperidol administration reduces magnesium levels. Haloperidol, marketed under the trade name Haldol, is a typical antipsychotic medication. Research has shown that the following psychiatric drugs deplete magnesium from your body, increasing the likeliness of developing a deficiency:

Antidepressants - Fluoxetine (Prozac), Paroxetine (Paxil), Sertraline (Zoloft), Citalopram (Celexa), Escitalopram (Lexapro), Venlafaxine (Effexor)

Central nervous stimulants - amphetamine (Adderall), dextroamphetamine (Dexedrine), lisdexamfetamine (Vyvanse), methylphenidate (Ritalin, Concerta), atomoxetine (Strattera), dexamethylphenidate (Focalin)

Methylphenidate (Ritalin®)

Digging Deeper into the Science

It is clear that magnesium deficiency or imbalance plays a role in the symptoms of mood disorders. Observational and experimental studies have shown an association between magnesium and aggression^{xviii, xix, xx, xxi, xxii} anxiety^{xxiii, xxiv, xxv} ADHD^{xxvi, xxvii, xxviii, xxix} bipolar disorder^{xxx, xxxi} depression^{xxxii, xxxiii, xxxiv, xxxv} and schizophrenia^{xxxvi, xxxvii, xxxviii, xxxix}. Patients who had made suicide attempts (by using either violent or nonviolent means) had significantly lower mean CSF magnesium levels irrespective of the diagnosis.^{xl} Patients who had made suicide attempts (by using either violent or nonviolent means) had significantly lower mean CSF magnesium levels regardless of the diagnosis.^{xli}

Water Cures Dehydration And Facilitates All Medical Treatments



Water is the perfect cure for dehydration, which is essential because most people in the modern era tend to be slightly dehydrated. Whether we drink too little water or too much soda or coffee or suffer from our medicines' dehydrating effects, our bodies lose vital energy quickly from being deficient in water. Being low on water is like being very low in oil as you attempt to climb a mountain in your car.

In stressful times like these, when anxiety and fear increase, we should increase our water intake to mitigate the damaging effects of our emotions on our bodies. Water is our most basic medicine, but doctors do not pay enough attention to hydration levels in their patients, which gets them into troublesome lawsuits, especially in pediatrics. Thus for ourselves and our children, it pays to self-diagnose, which is manageable by paying attention to your urine color. The darker it is, the more dehydrated one is. **Dehydration alters the conformation of proteins and removes water layers around proteins essential for maintaining the original protein structure.**

In health and medicine, it pays to pay attention to the basics. Want to stay young and healthy? Pay attention to your water, and importantly what is in your water. In most places in the world today, tap water is not acceptable. It is polluted with many contaminants, including chlorine and fluoride, which was the worst idea imaginable. Only sick politicians and health officials favor putting fluoride in water.

So the first step in using water as a medicine is to purify it with one of many filtering processes. Then, once we have pure water, we have to pay attention to what we put in it

to make it better, make it more powerful, and elevate it to a level where even pharmaceutical medicines cannot compete.

Water with hydrogen has grown in popularity as of late, but that will never compare to hydrogen gas generated from a hydrogen inhalation machine. Although adding hydrogen to one's body is excellent medicine, the most potent or perfect water is high in magnesium bicarbonate, which is the ideal form of these minerals. High levels of magnesium and bicarbonate ensure that one's water is alkaline. The reason magnesium bicarbonate is effective and robust is that bicarbonate acts as a transporter of magnesium into the mitochondria. After a few days, one can experience the extra punch of energy when drinking all your water loaded with magnesium bicarbonate.

A less expensive, more accessible approach is combining sodium bicarbonate, potassium bicarbonate, and magnesium carbonate, which will add oxygen and alkalinity to the body's fluids and cells, increasing cell voltage.

Our Children Need More Water



*Water is one of the most
important nutrients for children.*

All functions within the body require the presence of water. A well-hydrated body enables these functions to occur quickly and efficiently. Dehydration happens when a person loses more fluids than they take in. Human bodies are made up of water, so the right balance of fluids in our systems is needed for good health. Large amounts of fluids can be lost through fever, diarrhea, vomiting, or sweating.

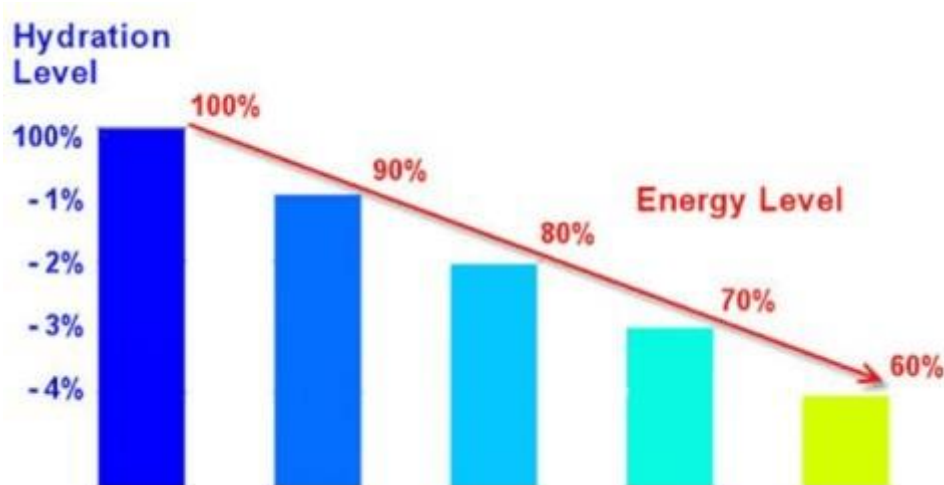
Dehydration happens very quickly in the bodies of infants and small children, who don't have as much fluid to spare. It can soon become severe. The risk of dehydration among children is higher than among adults, and this dehydration process may begin rapidly. Rehydration is the crucial process of returning those fluids to the body to restore normal functioning. Dehydration in children can be a severe medical condition. Left untreated, it

can have dire consequences. Since children aren't always aware or able to tell us if they're dehydrated, it falls to us as parents.

Dehydration is one of the most overlooked and primary causes of disease. 2% dehydration in children will bring a 20% physical and psychological activity slowdown. 3% dehydration may bring to heatstroke. Yet, according to a study published in the *Archives of Disease in Childhood*, **more than 70% of preschool children never drink plain water.** One of the most common lawsuits in pediatric emergency room medicine is overlooking dehydration tells us of a gaping hole in pediatric medicine that need not be there.

Children and adults quickly lose too many fluids from vomiting and diarrhea. From excessive urine output, such as uncontrolled diabetes or diuretic use. Excessive sweating, i.e., from exercise. Fever. You might not drink enough fluids because of: Nausea, Loss of appetite due to illness: sore throat, or mouth sores. Dehydration in sick children is often a combination of both — refusing to eat or drink anything while losing fluid from vomiting, diarrhea, or fever.

The blood is 80 percent water. Thus hydration levels are critical in blood chemistry. Moderate dehydration, a 3-5% decrease in body weight due to fluid loss, is sufficient to result in a substantial reduction in strength and endurance because of the decline in the oxygen-carrying capacity of the blood, signaling a drop in Zeta potential. Proper hydration is thus the most basic



Courtesy of Brian D. Foltz

Dehydration is an underappreciated etiology in many diseases. Most doctors fail to understand – or refuse to consider – that water plays a huge part in disease. Water is the first thing we should take as a medication. Still, physicians rarely prescribe water, and you'll never hear of a pharmaceutical company recommending it. Yet, water can prevent and cure many common conditions because intake of sufficient amounts of it is a fundamental or underlying cause of disease.

Lack of Bicarbonate Leads to Diabetes, Cancer, and Heart Disease

pH is everything to a cell's water life. The most important function of alkaline water is to increase bicarbonates in the blood because we lose bicarbonates as we age. Dr. Lynda Frassetto of the University of California, San Francisco, knows, "Insufficient amount of bicarbonates in our blood reduces our capabilities to manage (neutralize and dump) the acid our body produces. This is the cause of aging. The age of 45 is the average age when humans start to show symptoms of diabetes, hypertension, osteoporosis, and many other adult degenerative diseases. And since we cannot manage the acid, we accumulate acidic wastes in our bodies. These wastes show up as cholesterol, fatty acid, uric acid, urate, sulfate, phosphate, kidney stones, etc."

Medical Marijuana in the Age of COVID



Whatever one says, there will be people to disagree with you. There will always be conflict, especially about the use of natural medicines. Marijuana is a strong natural medicine and can and should be used for many reasons in the age of COVID. It just so happens that older Americans are using much more cannabis, according to research published in the Journal of the American Medical Association. Usage is up 75 percent in four years.

Hemp oil has anti-inflammatory, anti-anxiety, anti-epileptic, sedative, and neuroprotective actions. It is also a potent antioxidant, protecting against chemical damage due to oxidation. Marijuana compounds prevent seizures and convulsions while having fewer side effects than existing epilepsy drugs.

The active ingredient in marijuana cuts tumor growth in common lung cancer in half and significantly reduces the ability of cancer to spread. In addition, Tetrahydrocannabinol (THC) and natural cannabinoids counteract cancer and chemical toxicity from drugs and environmental sources, thus helping preserve normal cells.

This chapter will focus not only on the use of marijuana for COVID but also as a treatment for the anxiety, stress, and fear people are facing as the world comes apart at the seams, no thanks to governmental responses to COVID and a host of other reasons all combining to create a stressful out of control world that is creating more suffering and pain than people can handle.

Dr. Igal Louria-Hayon, head of the Medical Cannabis Research and Innovation Center at the Rambam Health Care Campus in Haifa, Israel, says that the healing properties in marijuana may be able to help the body fight against COVID-19.

Dr. David Allen has good reason to think, “Cannabidiol (CBD) may offer control of the immune system and protect from viral infections. Cannabis has already been recognized to inhibit fungus and bacteria and can be considered a new class of antimicrobial because of the different mechanism of action from other antimicrobials.”

“Cannabinoids have significant cidal (killer) activity to many viruses, including hepatitis C and HIV. Cannabinoids down-regulate (inhibit) the immune response to the infection,” continues Dr. Allen.

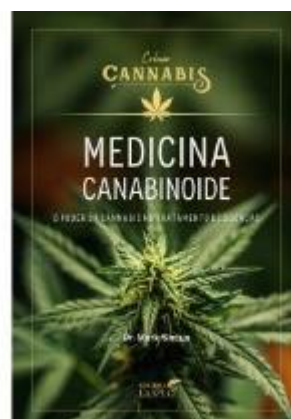
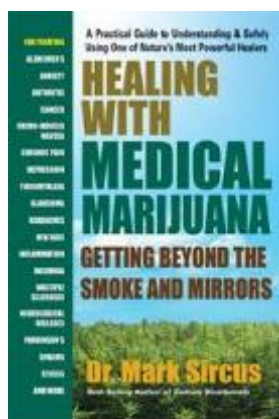
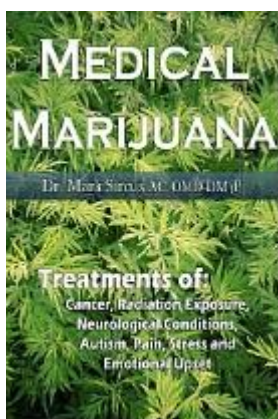
When the immune system launches an attack on a virus, it causes an inflammatory response that produces flu symptoms such as runny nose, sore throat, and body aches. The body uses its’ own endocannabinoids to moderate the immune response, but it is sometimes unable to control the inflammatory process fully. The cannabinoids in marijuana also have an inhibitory effect on the immune system giving the natural endocannabinoid mechanism a boost.

The University of South Carolina researchers now believe marijuana’s THC could be effective in battling symptoms caused by the coronavirus based on a trio of studies. In each study, THC helped prevent a deadly immune system response that causes acute respiratory syndrome (ARDS) and boosted healthy lung bacteria. When scientists injected THC into mice with ARDS, they were shocked to find how effective the cannabinoids were in reducing inflammation and related symptoms. Over the three studies that included over a dozen experiments, 100% of mice given THC survived.

Currently, there are no FDA-approved drugs to treat ARDS because the mortality rate is nearly 40%,” said study co-author Mitzi Nagarkatti.

A new study finds a popular ingredient in cannabis can block the virus from spreading through the lungs. Researchers in Chicago say cannabidiol (CBD) keeps SARS-CoV-2, the virus causing COVID-19, from replicating in the lungs and causing severe damage.

Researchers at the University of Lethbridge in Canada confirmed these results, having found that certain cannabis strains may reduce COVID-19's ability to infect the lungs, as well as other susceptible tissues along the intestines and oral cavity. Another study in Canada offers data that some cannabis strains help reduce a specific type of inflammatory distress—called a “cytokine storm”—that precedes severe cases of acute respiratory distress due to Covid-19.



Rates of anxiety and depression worldwide increased dramatically in 2020. Estimates suggest the COVID pandemic resulted in an additional 76 million cases of anxiety and 53 million cases of major depressive disorder, over and above annual norms, with women and younger individuals being disproportionately affected

Mental health referrals among children have doubled in the U.K. since the start of the pandemic; 16% of children between the ages of 5 and 16 were diagnosed with a mental disorder in 2020, compared to 10.8% in 2017.



I would recommend people monitor their blood pressure and stress levels (with HRV – Heart Rate Variability). Cannabinoids are beneficial in controlling high blood pressure.

Conclusion

*Cannabis can realize its full therapeutic potential
only when it is entirely legal and people
don't have to go to their doctors to get it.*

Dr. Grinspoon

The bottom line to marijuana—it mitigates human suffering. It is the best and safest pain medication. It is cheap if you grow it yourself. It is better than any pharmaceutical on the market. It treats cancer. It is a wonder drug and can even be used by healthy people to keep their stress down.

*After injecting rat subjects with THC, researchers found
that blood pressure decreased significantly straight after.*

Marijuana is safe, effective, and affordable medicine, which is better than anything you can get at your pharmacy except for sodium bicarbonate, iodine, and magnesium chloride, all of which are natural and used to significant effect in emergency rooms and intensive care wards.

There are many options for the administration of medical marijuana. You can smoke it by burning it with a vaporizer, eating it raw, and not getting high. Use it transdermally, and concentrate it in oil form to treat cancer. You can even take it without the THC, called CBD, which is legal everywhere.

Pediatric Use

“It seems to me if one is going to need to use drugs, one ought to consider a relatively safe drug, like marijuana,” said Bernard Rimland, Ph.D. of the Autism Research Institute. Marijuana, the forbidden medicine, seems to be useful for some people with adult attention deficit disorder, impulse disorders, and bipolar disorder. Some families have found marijuana to be nothing short of miraculous. Marijuana has ameliorated anxiety – even severe aggression, panic disorder, generalized rage, tantrums, property destruction, and self-injurious behavior. One mother commenting on using marijuana for her autistic child said, “I know it’s not the end-all answer, but it’s been the best answer for the longest time for us in regard to ALL the other medications. I cannot tell you how many months we would go on medication, wondering if it was doing anything, anything at all. Here we can see the difference in 30-60 minutes guaranteed.”

Warnings and Contraindications

All prescribed pharmaceuticals come with warnings and contraindications. Medical marijuana does not. However, some people react badly to marijuana on mental and emotional levels, and this is primarily a problem the younger one starts. Some people have weak personalities and are easily overcome by drugs, losing their will for life. Others do not experience this at all and remain strong and determined and use marijuana for stress, relaxation, and slight changes of consciousness that give relief to the straightness or monotony of life.

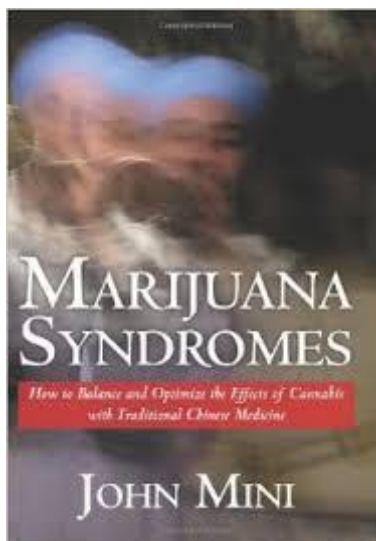
“Marijuana has remarkably low toxicity, and lethal doses in humans have not been described. This is in stark contrast to a number of commonly prescribed medications used for similar purposes, including opiates, anti-emetics, anti-depressants, and muscle relaxants, not to mention legal substances used recreationally, including tobacco and alcohol,” writes Dr. Gregory T. Carter, Clinical Associate Professor of Rehabilitation Medicine, University of Washington School of Medicine. Notice Dr. Carter said low toxicity, not no toxicity.

Cannabinoids are usually well-tolerated and do not produce the generalized toxic effects of conventional pharmaceuticals. However, that does not mean we do not have to be careful with their long-term use. At Columbia University’s National Center on Addiction and Substance Abuse, where a great deal of National Institute for Drug Abuse (NIDA) funded research takes place, researchers have found that abrupt marijuana withdrawal leads to symptoms similar to depression and nicotine withdrawal. No matter how helpful marijuana is as a medicine, it is not without its toxicity and addictive properties. Marijuana is a complex substance affecting each person differently. Most users would report that it is one of the most pleasurable and least dangerous addictions.

If one needs to take a drug of any type, medical marijuana is the safest place to start. Just approach it with humility - it is a drug. The alcohol-centered world is hypocritical when

it comes to its attitudes toward marijuana. Alcohol is much more dangerous to health and other people's lives. Just think of all the people killed on the road by drunk drivers.

Marijuana is a Powerful Medicine



Dr. Gabriel Cousens writes, “While marijuana may have many palliative qualities, the psychoactive species have some serious downsides. These are well outlined in the 800-page book titled Marijuana Syndromes by John Mini. His research validates what I have observed since the '60s. As he points out, "**Marijuana's side effects** increase over time" and are cumulative. He has clinically observed that "marijuana's effects can have a drying and toxic quality. They tend to take a general progression from the lungs to the digestion and immune systems, then to the blood, heart, and circulatory systems, then to the liver and nervous systems, and finally to the sexual, endocrine systems, and brain; over time."

John Mini says that marijuana is powerful medicine, and as such, it has powerful side effects. From the standpoint of traditional Chinese medicine, marijuana is spicy, warm to hot, and slightly poisonous. And as such *Cannabis* has been used as a *pest repellent and pesticide* in a variety of formulations. It has been planted as a companion crop to deter insects, nematodes, fungi, and weedy plants. Dried leaves and flowers have repelled or killed insects, mites, nematodes, and weeds.

“This means that if a person uses it too much or in an unbalanced way, it can disperse his/her energy, become increasingly toxic, dry up the fluids in his/her body and even damage the ability to produce those fluids over time.”

Mini writes, “The big problem is that marijuana makes you feel good when you take it. People like to feel good. Anything that makes you feel good is potentially addictive. Have you ever heard of somebody getting addicted to chemotherapy? I don't think so.”

“Almost none of the strong harmful side-effects of marijuana happen instantly. The exception to this rule is marijuana's tendency to induce schizoid brainwave patterns. With this exception, the majority of marijuana's deleterious side effects, apart from the high itself, take time to develop. Most of them occur slowly and in progressive stages that can easily be turned around with modified or balanced use,” writes Mini.

Vaccine-Induced Immune Apocalypse



I can assure you more people are dying from the deadly COVID vaccines than are dying in Ukraine, but you do not hear a word about it in the media. Instead, we are witnessing propaganda hysterics over what is happening in Ukraine. It is an excellent cover-up for the massive crimes committed by western politicians against their own people during these two years of COVID.

However, cover-up or not, the consequence of the war will be far-ranging. First, it will cause food shortages and much higher food prices, thus massive malnutrition, another weight on our collective immune systems. And that is not good news for the billions who took experimental genetic vaccines and are already facing immune system collapse.

James Howard Kunstler captures the moment well:

"The news is out, coming not from the public health bureaucracy but from such unexpected sources as actuaries in the insurance industry who collate quarterly death rates and morticians observing unusual morbid oddities in the bodies they prepare for burial. This comes at the very same time as reports that the CDC deliberately falsified Covid-19 death and injury statistics, both for the disease itself and for the mRNA "vaccines." The FDA is also implicated in approving falsified "vaccine" trial data. One result of all that is the crash of Moderna and Pfizer stocks, as the geniuses on Wall Street suss out the mountain range of litigation that looms in the distance."

"But they must know — and hundreds of appointed and elected officials must know — that the blowback from Covid-19 doesn't stop with mere civil lawsuits but extends to criminal cases of supreme consequence: deliberate mass murder, extending to the highest levels of officialdom in many countries."

Dr. Robert Malone, a noted mRNA vaccine researcher, and Dr. Peter McCullough, one of the most-published medical doctors, gave a joint statement to The New American on Friday. They accused the Centers for Disease Control and Prevention of perpetrating "criminal" fraud. Criminal or full-out evil? And even worse is seen at FDA headquarters. Both organizations promote pharmaceutical terrorism.

Aleksandr Solzhenitsyn, a dissident from both the Soviet and liberal empires, said about evil, "If only it were so simple! If only there were evil people somewhere insidiously committing evil deeds, and it were necessary only to separate them from the rest of us and destroy them. But the line dividing good and evil cuts through the heart of every human being. And who is willing to destroy a piece of his own heart?"

I think Solzhenitsyn confuses the issue though we have to cast stones at ourselves before we have the right to throw others against the wall. But in the case of vaccine mass murder, there is no way we can be hard enough to punish enough. Hitler's inner circle were schoolboys next to the vaccinationists pushing experimental genetic vaccines on half the human race.

The American government was in on this. Documents Reveal Hundreds of Media Companies Including Conservative Media were paid by Federal Government to promote the COVID-19 vaccines. This is a crime committed by the Govt against the American people. So not only did the CDC and NIH hide the lethal effects of so-called vaccines, but the media accepted bribes to deceive the public. This was not a mistake but a deliberate Govt policy to kill and maim as many Americans (including Children) as possible.

According to Emerald Robinson, "This is the largest and most comprehensive breach of journalistic ethics that has ever occurred. Almost everybody took the money. Almost everybody lied about the vaccines (knowingly or unknowingly). Almost everybody refused to report anything negative about the vaccines — because they were paid to close their eyes. Almost everybody is implicated."

*Mandatory masks are not just pointless
but inhumane, especially for kids.*

Steve Kirsch says, "There's no doubt about it: the vaccine companies have a license to kill. They can kill as many people as they want, and nobody in America is going to stop them. It's all perfectly legal." Who gave them this license and total immunity from the death and pain the vaccines are causing? Our very friendly and lovable United States government.

*COVID-19 Cases, Hospitalizations
Jump Among Vaccinated: CDC Data*

Mass Vaccination is Killing Off a lot of People

In Scotland, deaths among Triple Vaccinated increased by 495% in January, with the Vaccinated accounting for 4 in every 5 Covid-19 Cases, Hospitalisations & Deaths since December

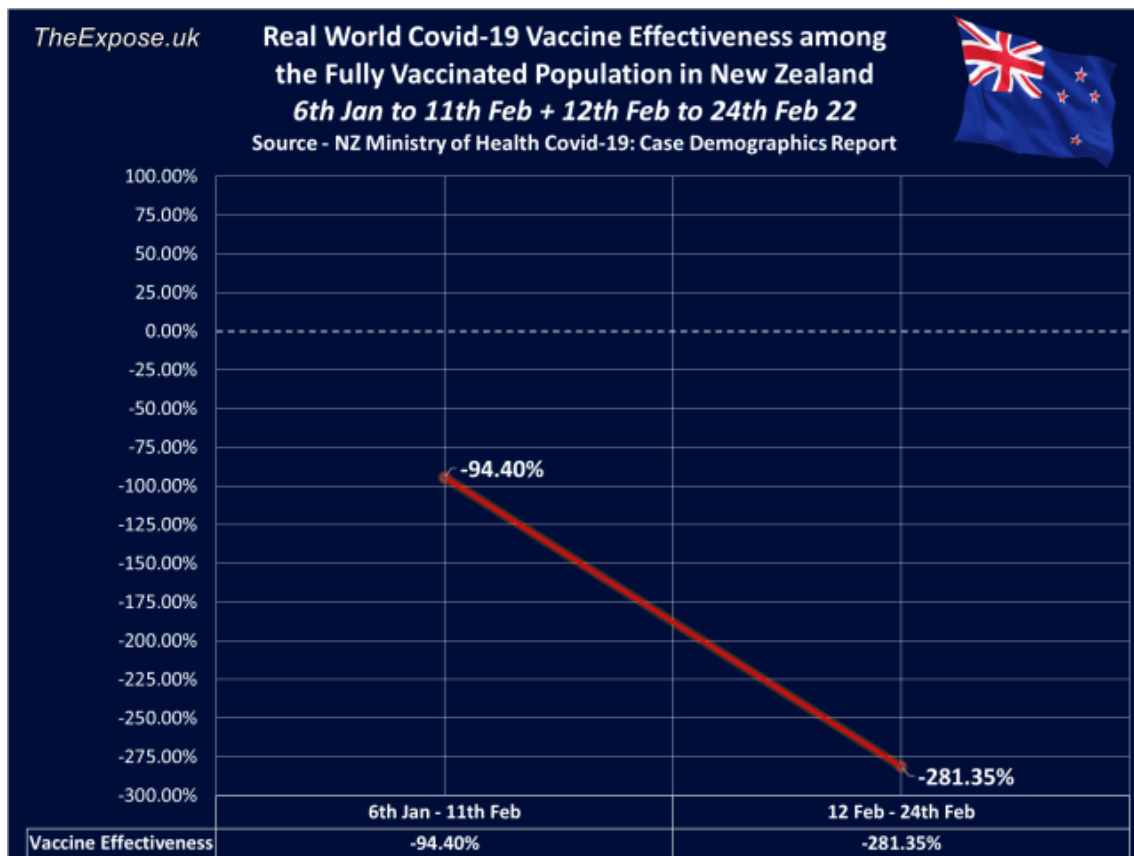
Governing bodies of healthcare professionals have banded together in a cartel-like fashion, issuing threats to destroy the livelihood of physicians and other health care providers for alleged dissemination of "misinformation" about COVID-19. COVID misinformation is the truth, and the mainstream narrative is shockingly full of lies.

"Strictly regular use of ivermectin as prophylaxis for COVID-19 leads to a 90% reduction in COVID-19 mortality rate, in a dose-response manner."

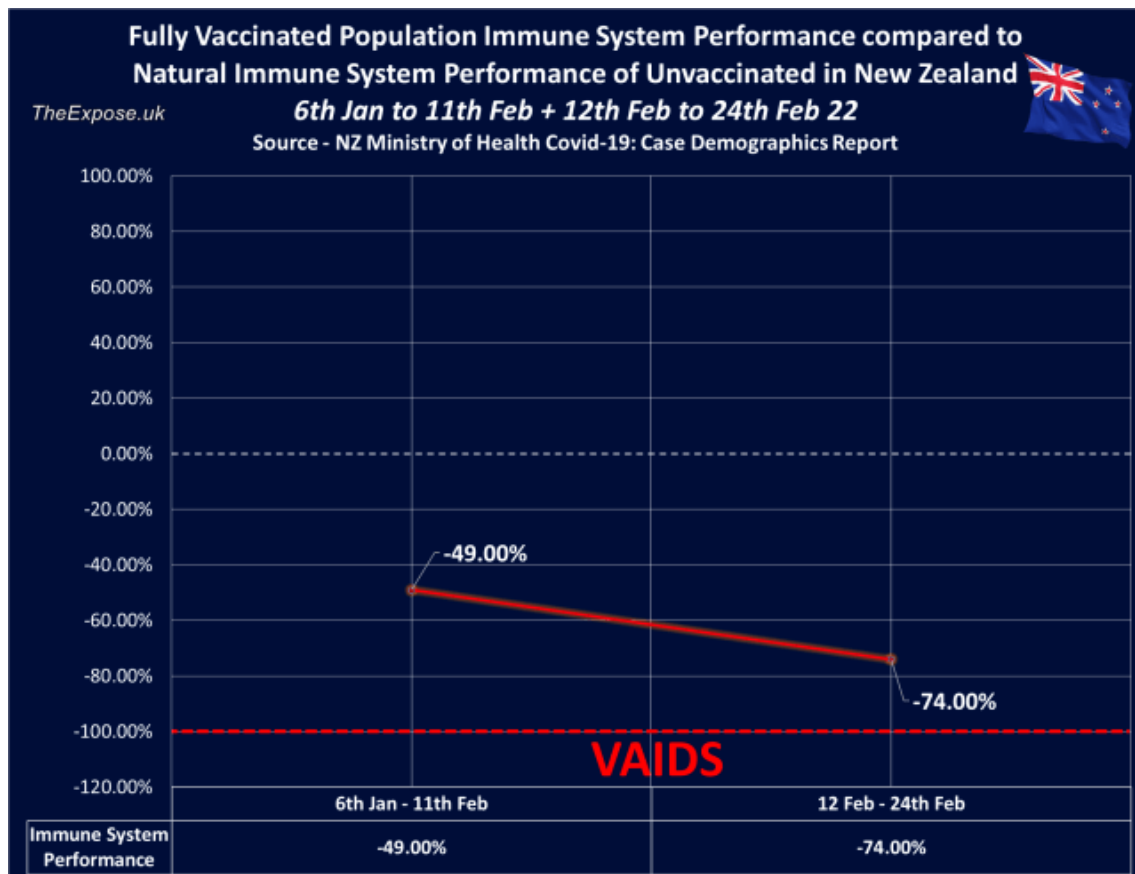
War was declared on Ivermectin, keeping it out of the hands of millions because it threatened the vaccine companies and the beasts at the FDA, CDC, and NIH. Now imagine if chlorine dioxide were employed, there would never have been a pandemic, lockdowns and masks, and certainly no need for the killer and disabling vaccines. Chlorine dioxide is more effective than Ivermectin. If taken on the first day, it will clear COVID within hours.

My daughter got covid in January. I gave her chlorine dioxide on the first day. After two doses, she was all healed while her classmates struggled in 7-10 days.

Official New Zealand Ministry of Health Data shows the Fully Vaccinated are developing Acquired Immunodeficiency Syndrome



Between 6th Jan and 11th Feb the real-world Covid-19 vaccine effectiveness proved to be minus-94.4%, but by the 24th Feb, the real-world vaccine effectiveness fell to minus-281.35%. This means the **fully vaccinated are 3.8 times more likely to be infected with Covid-19 than the unvaccinated/one dose vaccinated population**. This is what double vaccination has done to the people of New Zealand.



In New Zealand, between 6th Jan and 11th Feb, the immune system performance of the fully vaccinated equated to -49%, meaning they were down to the last 51% of their immune system. But fast forward to 24th Feb, and we find that the immune system performance of the fully vaccinated in New Zealand has fallen to -74%, meaning the fully vaccinated population's immune systems have degraded by a further 25% in just 13 days. They are now down to the last 26% of their immune system.

This means many more people in the future will die from COVID mass vaccination. Who is going to be held responsible? Whose heads will roll? Many politicians were all in for health and detainment camps, which many feared would turn into concentration camps. We have a whole population of medical, health, and political people who have promoted mass vaccination, thus vast death through murder via lethal injection. Probably the first time in history did such a large group deserved to be interned into concentration camps.

Other Serious and Deadly Side Effects

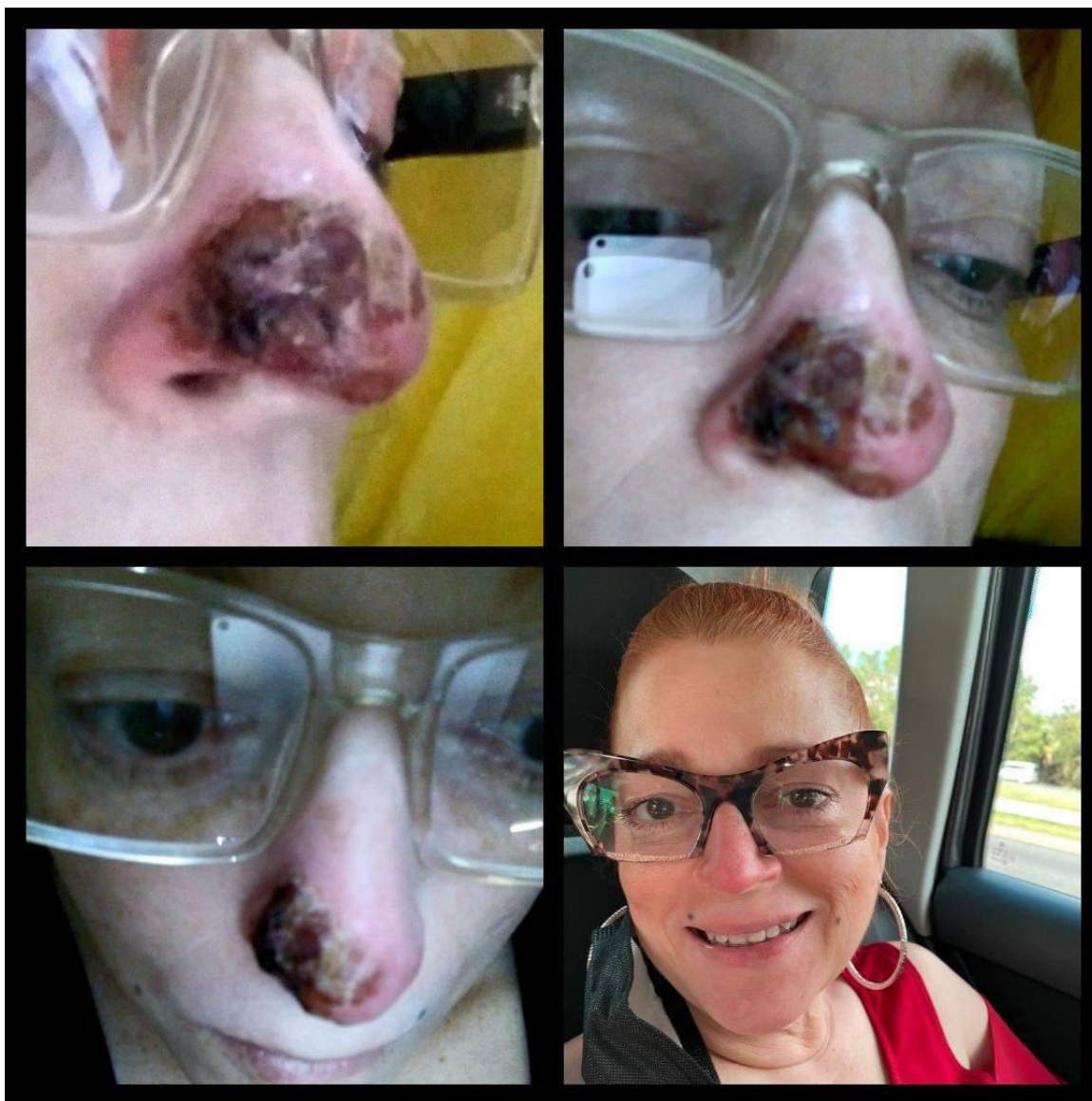
- Fatal cerebral hemorrhage
- Venous thrombosis
- Immune thrombocytopenic purpura
- Myopericarditis
- Guillain-Barré syndrome
- Acute venous thromboembolism
- Lymphadenopathy
- Portal vein thrombosis
- T-cell lymphoma

- Aphasia
- Anaphylaxis
- Cardiomyopathy
- Thrombophilia

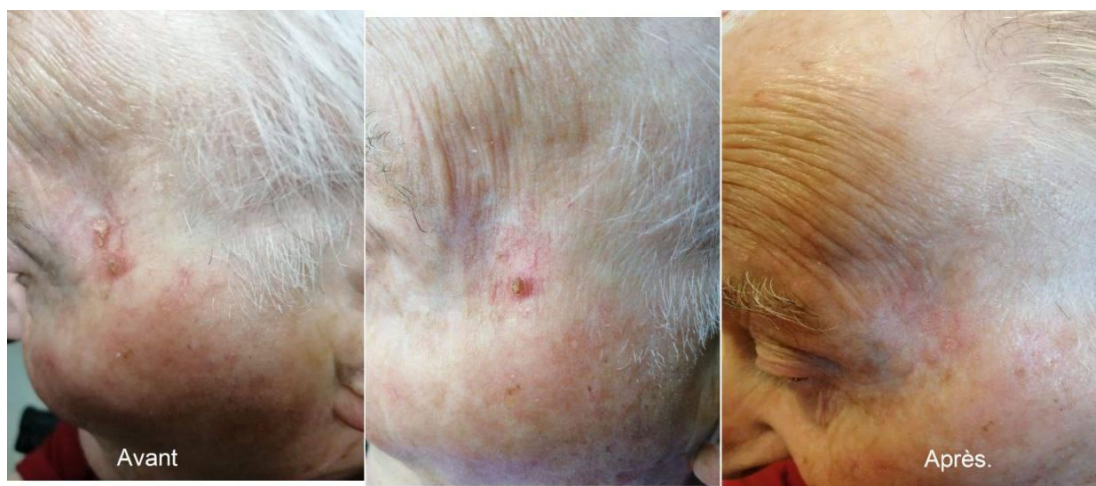
The American Thinker writes, "Injecting more than half of all humankind with inadequately tested, dangerous pharmaceuticals based on a never-before-tried technology while claiming that they are "completely safe" is an unprecedented mass experiment with the gravest potential consequences. Never before has any government, an international actor, or a transnational cabal undertaken an act that would expose such a big swath of humanity to such serious danger.

Is There A Cure for Skin Cancer?

Iodine and Chlorine Dioxide to the Rescue



"I had three very heavy tumors, so big that they almost prevented me from breathing. Then, at night, while sleeping, I had blood that would get into my nose and choke me. After two weeks of chlorine dioxide treatments using CDS [protocols C and D], I felt that the tumors were drying up more and more. Finally, after three months, my tumors were gone. Now I have a new nose. I went to my appointment at the medical office and the secretary, who had seen the pictures of my sick nose, after I removed my mask, screamed – "it's a miracle, it's a miracle!"



Above are pictures of a carcinoma operated on twice with no success. The patient then decided to treat treated topically with chlorine dioxide and DMSO to drive the chlorine dioxide deeper into the tissues. The treatment duration was two months, once a day.

In 2015 I published the following Melanoma Testimony



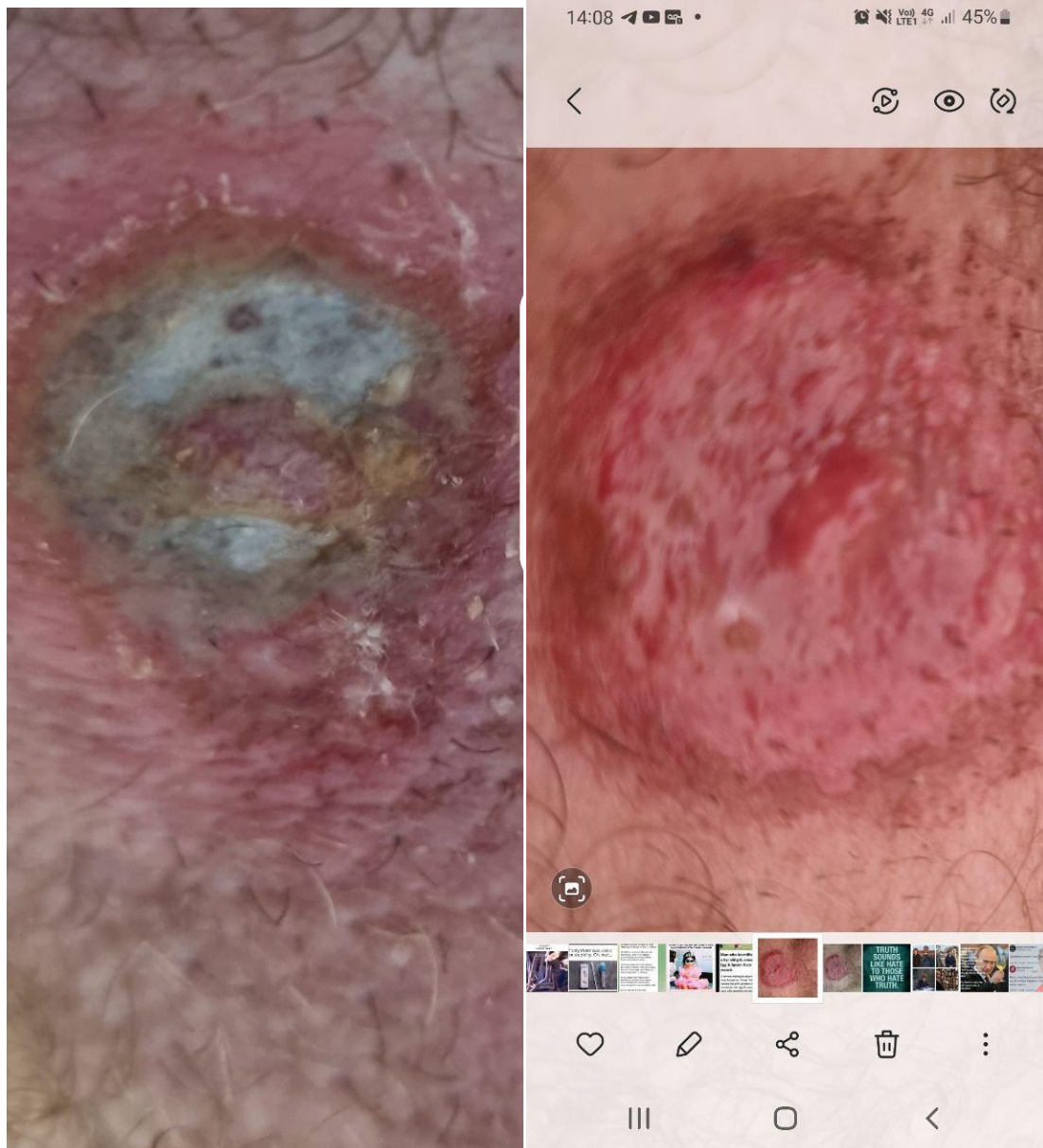
"My 88-year-old father, a sufferer of skin cancer, two melanomas, and prostate cancer, made the empowering decision to take his health back. Without my guidance, he found Dr. Sircus. Now on a clean diet, iodine supplementation, Magnesium oil, using your bi-carbonate of soda protocols, and using Black Salve to remove the squamous cell cancers

on the two melanomas, he has turned his health around! His skin is clearing up after twenty years of battle. He also ditched all his pharmaceuticals! Now he is playing golf and tennis and gardening eight hours a day. In his own words, "I can't wait to get out of bed in the morning."



Skin cancer is the most commonly diagnosed cancer among men and women. Over one million cases are diagnosed yearly, with more young people having skin cancer. The more serious the skin cancer, the less well you feel, and the deeper and more complete one's protocol must go. So translating, you must throw the kitchen sink at your body and skin, employing many powerful therapies whose overlapping medical firepower can return you and your skin to health. The first two testimonials above relied primarily on chlorine dioxide and DMSO, showing how effective proper substances can be.

"I just nailed a nasty cancer under a bad mole. This is today after a tricky three weeks. The mole erupted in a deep ring of puss for two weeks. I put mms1 on the mole 3 times a day for ten days with a q tip, then later on MMS baths. I could feel the MMS burn out the roots of cancer in my glands and worse. It was painful sometimes, but I purged it hard as it had to go. Also, protocol 1000 was vital in the healing and will now finish the 30-day program. It was scary at times, but the result is beyond awesome. Three weeks of some scary shit but so worth the journey. Thank you, Chlorine dioxide. Sorry if you are offended by the pictures below, but I just killed cancer. It's magic."





Infections and Skin Cancer?

There is no doubt in modern oncology that infections can cause cancer. "Cancer, always believed to be caused by genetic cell mutations—can, in reality, be caused by infections

from viruses, bacteria, and fungi. "I believe that, conservatively, 15 to 20% of all cancer is caused by infections; however, the number could be larger—maybe double," said Dr. Andrew Dannenberg, director of the Cancer Center at New York-Presbyterian Hospital/Weill Cornell Medical Center. Dr. Dannenberg made the remarks in a speech in December 2007 at the annual international conference of the American Association for Cancer Research.

As anyone in the water treatment business knows, chlorine dioxide kills viruses, bacteria, and fungus. Dentists know this to be accurate, as they employ it in helping people's oral cavities regain health.

Many scientists believe viruses, fungi, and bacteria are all different stages of the microbe life cycle, are directly involved in most forms of cancer, and are increasingly present in the later stages. In addition, many cancer researchers have found evidence supporting the cancer fungus link, so using bicarbonate, iodine, and chlorine dioxide, all antifungal medicines, is intelligent.

Dr. Tullio Simoncini states, "Every skin tumor can be removed entirely with iodine tincture 7%, brushed many times (10-20) once a day. However, chlorine dioxide seems to be more powerful, requiring a much lower frequency of daily treatment.

Dr. Simoncini explains:

"For epitheliomas, basaliomas, and melanomas, the treatment to choose is iodine solution at seven % as it is capable of precipitating the proteins of the body of the fungus and destroying them completely in a short time. If the lesions are fairly small, they must be painted with the solution 10-20-30 times twice a day for five days and then once for another ten days so that they become very dark. When the eschar is formed, and it is higher than the epidermic plane, it is necessary to continue to paint under and above it, even if at first a severe pain is sensed."

"When the crust is formed, don't take it away, but treat the area continuously and wait until it falls without any other intervention except the iodine tincture. When the crust falls down the third time, the patient is healed." When a scab forms over the affected area, it is allowed to drop off naturally until no further lesion is seen. (Usually, after three scabs form and fall off) This process may need to be repeated multiple times."

Skin-cancer rates have been rising for decades, despite the wide use of sunscreens and people avoiding the sun. Though melanoma represents only a tiny percentage of diagnoses, it can spread fast and be lethal, and it's the most common form of cancer among young adults aged 25 to 29.

Killing People with Sun Deficiency

*We have been brainwashed into believing that
the sun is toxic, whereas, in fact, it is life-giving.*
Dr. Stephanie Seneff

Dermatologists want people to get cancer, they want their patients dead, and they want them to suffer all because they want their patients to stay out of the sun. Therefore, any warning to stay out of the sun is dangerous.

If a lack of light is a cause of cancer, it means that light and vitamin D can be used to treat cancer. We all know that too much sun can cause cancer; we cannot bake and burn ourselves to a crisp without consequences. However, a *lack* of sunlight can also cause cancer.

Vitamin D deficiencies (lack of light) can develop prostate and breast cancer, memory loss, and an increased risk of developing dementia and schizophrenia. That's the shortlist. Vitamin D deficiency and a lack of sun exposure take their toll on most pathology in an insidious way, not only because of the lack of D, a crucial hormone (it is not a vitamin), but because of a lack of several essential aspects of sunlight.

Plants love to turn toward the light; they stretch for it, and so do we. Light, heat, color, warmth, energy, electrons, electricity, and electromagnetism all interact with the water that is in us, bringing increased energy and ATP production. Light animates us because we are light. We need light.

An epidemiological study by Dr. Cedric Garland focused on the relationship between breast cancer and vitamin D levels, as shown in the medical literature. Their conclusion: If women kept their vitamin D blood levels at approximately 52 ng/ml, they could expect a **50% reduction in the risk of breast cancer**.

Dr. Pamela Goodwin and colleagues retrospectively analyzed more than 500 women over 11 years. Results: Women who had been deficient in vitamin D at the time of their breast cancer diagnosis were **73% more likely to die from breast cancer** than those with sufficient vitamin D at the time of diagnosis, as well as being almost twice as likely to have recurrence over the 11 years.

The Sun – Magnesium – Vitamin D

*Magnesium deficiency is often misdiagnosed because it does not show up
in blood tests – only 1% of the body's magnesium is stored in the blood.*

The body cannot use vitamin D in a magnesium-deficient body. Magnesium facilitates the release of calcium from the bones in the presence of adequate amounts of vitamin D and parathormone. Standard textbooks state that the principal function of vitamin D is to promote calcium absorption in the gut and calcium transfer across cell membranes, thus contributing to strong bones and a calm, contented nervous system. It is also well recognized that **vitamin D aids in the absorption of magnesium**, iron, zinc, and calcium.

*Magnesium is at the center of life's ability to absorb light and
change its electromagnetic energy into organic chemical energy.
Cancer patients need light and they need magnesium*

Is Diabetes Curable? Yes, It Is.



Anyone with a medical brain knows that doctors never dream of curing diabetes. That is too bad, and as a result, people with diabetes suffer significantly. However, type two diabetes is curable if you ignore your doctor's advice. Diabetes is not the hopeless disease that most doctors would have us believe it is. It is only futile because medical treatments are worse than wrong. Taking your doctor's advice and pharmaceutical prescriptions is a long-losing battle through an increasingly worse diabetic hell.

Some doctors do cure diabetes. So how do they do it? The first thing such doctors understand is that *diabetes is an inflammatory disease* caused by a combination of factors, including chemical poisoning, radiation exposure, *magnesium, iodine, and bicarbonate deficiencies* that come together to burn down the cellular house in slow motion. Add infectious process! Did I mention heavy metal mercury contamination and the di-sulfur bonds that get destroyed?

Parhatsathid Napatalung from Thailand writes, "The pancreas is harmed if the body is metabolically acid as it tries to maintain bicarbonates. Without sufficient bicarbonates, the pancreas is slowly destroyed, insulin becomes a problem, and hence diabetes becomes an issue. Without sufficient bicarbonate buffer, the effect of the disease is far-reaching as the body becomes acid."

Once there is an inhibition of pancreatic function and pancreatic bicarbonate flow, there naturally follows a chain reaction of inflammatory reactions throughout the body. Under such conditions, infections and fungi are known to proliferate.

When the pancreas loses the ability to **produce enough bicarbonate essential for the pancreatic enzymes to function properly**, undigested proteins penetrate the bloodstream inducing allergic reactions and inflammation.

This week the cat is out of the bag about how far off mainstream doctors are in treating diabetes. According to a new study from Denmark, Metformin, one of the world's most widely prescribed diabetes drugs, is now linked to major birth defects. No surprise here. Almost all pharmaceuticals have nasty side effects, even the most commonly used like Tylenol and Metformin.

Diabetes is a severe disease that can be life-threatening if not controlled. It is often associated with long-term complications that can affect every system and part of the body. Diabetes can, among other things, contribute to eye disorders and blindness, heart disease, stroke, kidney failure, amputation, and nerve damage. Diabetes makes pregnancy more complex and can cause congenital disabilities. *Each year, approximately 80,000-84,000 lower-limb amputations are performed due to complications from diabetes in the United States alone.*

Below are four testimonies from people with diabetes with positive outcomes from using just one of the suggested medications in this chapter. They are chlorine dioxide testimonies from a community of users. The results achieved speak miles in favor of chlorine dioxide as one of the most amazing medical substances that chemically bestows miracle and magical outcomes. I do not use these words lightly.

Near Cure?

I've been a Type 1 Diabetic for over 30 years. Taking Chlorine Dioxide has taken my Diabetic A1C scores to the next level. An average healthy person will typically have an A1C score of 5.5%.

A Type 1 or 2 Diabetic with a 7% and below score is considered under reasonable control. However, I honestly believe a score above 6% is poor control.

Chlorine Dioxide has not yet cured my Type 1 Diabetes, but it has dramatically improved my A1C score. My last results were 5.7%. That's only two-tenths of a percent (0.2%) from a perfect score. Although I am Type 1, they classify me as a pre-diabetic.

TYPE 2 DIABETES REVERSED TESTIMONIAL

"Elvira Palomino Aponte, 51 years old, from Lima Peru. Diabetic, glucose 450 without insulin. She started taking CDS (chlorine dioxide), and her insulin went down to 157. She does not take insulin or any other medication anymore. She controls her diabetes with CDS and a healthy diet. No rice, dairy, sugar, or canned food. She has no more allergies or asthma. She expresses her gratitude to Andreas Kalcker."

TYPE 2 DIABETES REVERSED TESTIMONIAL

"Maria Evita Moreno Cornejo, diabetic mellitus type 2, since May 2015. She was on insulin. Her nephew gave her CDS. She took 1 ml 8 times per day. She felt very fatigued at first because she continued with insulin. Her previous levels were between 300 and

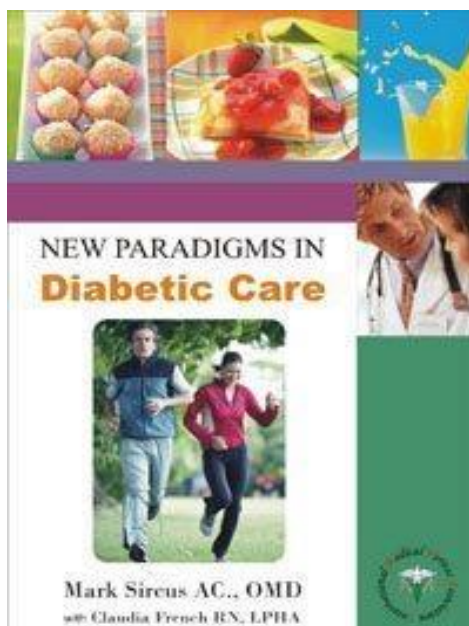
400. The doctor told her she could stop the insulin only if she went down to 60. After three months, she was off insulin. The doctor told her he had never seen that before. He believed she did that just with her diet (she didn't say to the doctor that she had taken CDS). Her initial reaction to CDS was diarrhea. She's fine now. Her current maintenance dose is for activated drops of MMS."

TYPE 1 DIABETES REVERSED TESTIMONIAL

Matthew Fa'anunu is ten years old and from Vava'u, Tonga. He was diagnosed with Type 1 Diabetic in January 2018, a rare disease not common with Polynesian people. He was hospitalized for three weeks, and he was hyperglycemia. The doctor advised my family that Matthew's pancreas was damaged, and he would be on insulin injections for the rest of his life. I monitored his sugar level by measuring it at seven a.m, 12 p.m., and 7 p.m. daily, plus recording all his food intake and regular clinic appointment. Matthew was re-admitted to the hospital as he was consuming the wrong foods at school and went through hyperglycemia again. He was in the hospital for two weeks. He was on insulin all right through until I met Ron Pringle in September in Vava'u. He shared with me about MMS, and I immediately joined Ron in taking the MMS both for myself and also for my son Matthew. I continued to measure his blood sugar as usual and finally decided to take him off the insulin on the 1st week of

October. Matthew will be 7th week this Saturday without the insulin, which is a MIRACLE. His blood sugar has never gone above 6.2 (BSL) so far, and even he had enjoyed coconut cake and chocolate brownies.

For a long list of diabetes testimonies of people taking chlorine dioxide (CDS and MMS), [see this URL](#).



Over ten years ago, I wrote *New Paradigms in Diabetic Care*. It was the first book on diabetes to champion magnesium as essential diabetic medicine. This chapter on curing

diabetes offers a significant update by including chlorine dioxide and hydrogen inhalation for diabetic therapy.

A reduction of magnesium in the cells leads directly to insulin resistance. Low serum and intracellular magnesium concentrations are also associated with impaired glucose tolerance and decreased insulin secretion. Magnesium **improves insulin sensitivity**, thus lowering insulin resistance. Magnesium and insulin need each other. Without magnesium, our pancreas won't secrete enough insulin—or the insulin it secretes won't be efficient enough—to control our blood sugar.

In the studies in China and Japan, those who ate the most white rice were 55% more likely to develop the disease than those who ate the least. White rice is the dominant form of rice consumed in the world. Machines produce its polished look by hulling and milling, leaving a predominantly starch grain with very little nutrition at its best.

White rice, white sugar, white bread, and white pasta are white because they are stripped of their mineral, vitamin, and fiber content. Therefore, these are poisonous foods because they cause magnesium deficiency. **Magnesium deficiency is driving up the incidence of diabetes to the pandemic level.**

Dr. Carolyn Dean indicates that magnesium deficiency is an independent predictor of diabetes and that people with diabetes need more and lose more magnesium than most people. Magnesium is necessary for the production, function, and transport of insulin.

Dr. Lisa Landymore-Lim, in her book *Poisonous Prescriptions*, explains how many drugs used by the unsuspecting public today are involved in the onset of impaired glucose control and diabetes. It is easy to provoke diabetes in experimental animals with heavy metals like arsenic, mercury, and fluoride. People are being poisoned with foods full of pesticides, herbicides, preservatives, food additives, and mercury, including poisons that plague everyone on earth.

A study published by the American Chemical Society showed that mercury suppresses insulin secretion of pancreas cells through a ROS-triggered pathway. In addition, Mercury-induced oxidative stress causes pancreatic beta-cell apoptosis and dysfunction.^{xlii}

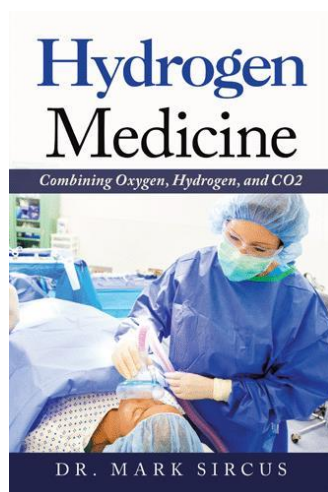
Iodine and Diabetes

Dr. Michael Donaldson says that "Iodine stabilizes the heart rhythm, lowers serum cholesterol, reduces blood pressure, and is known to make the blood thinner as well, judging by longer clotting times seen by clinicians.

Iodine is not only good for the cardiovascular system; it is vital. Sufficient iodine is needed for a stable rhythmic heartbeat. Iodine, directly or indirectly, can normalize serum cholesterol levels and normalize blood pressure. Iodine attaches to insulin receptors and improves glucose metabolism, which is good news for people with diabetes. Iodine and iodine-rich foods have long been used as a treatment for hypertension and cardiovascular

disease; yet, modern randomized studies examining the effects of iodine on cardiovascular disease have not been carried out."

Hydrogen is Good Medicine for Diabetics



Hydrogen Medicine is new and was not even on anyone's radar when I wrote *New Paradigms in Diabetic Care*. However, it is now apparent why this most basic gas would help push back against diabetic winds. Molecular hydrogen improves type 2 diabetes by inhibiting oxidative stress. Oxidative stress is recognized as being associated with various disorders, including diabetes, hypertension, and atherosclerosis. It is well established that hydrogen has a reducing action on oxidative stress.

Supplementation of hydrogen water and gas improves lipid and glucose metabolism in patients with type 2 diabetes or impaired glucose tolerance. Hydrogen has been shown to improve glycemic control in Type1 Diabetic animal models by promoting glucose uptake into skeletal muscles. Hydrogen inhalation therapy is also excellent for diabetic neuropathy.

Conclusion – Diet

<https://www.youtube.com/watch?v=da1vvigy5tQ>

A study published in the journal *Diabetologia* said that a daily diet of just 600 calories reverses diabetes. After one week on the diet, diabetes patients saw their blood glucose levels return to normal, indicating their diabetes had gone into remission.

Similar reversals of diabetes immediately after gastric bypass surgery. Researchers at Newcastle University in the United Kingdom show that a quick resolution of diabetes is possible through diet alone, especially in its early years. It helps if we supplement with magnesium, iodine, bicarbonate, and sulfur.

The patients adhered to a liquid-based diet consisting of meal replacement drinks. It also included three portions of non-starchy vegetables per day. The diet lasted for eight weeks.

After seven days, the participants' blood-glucose levels were comparable to those who did not have diabetes. Glucose becomes normal. Now all you have to do is go on a fast.

Dr. John McDougall insists, quite convincingly, that the food we were born to eat is starch. He insists that you will not cure a diet-based disease with a pill or surgery. When you fix the food, you fix the problem.

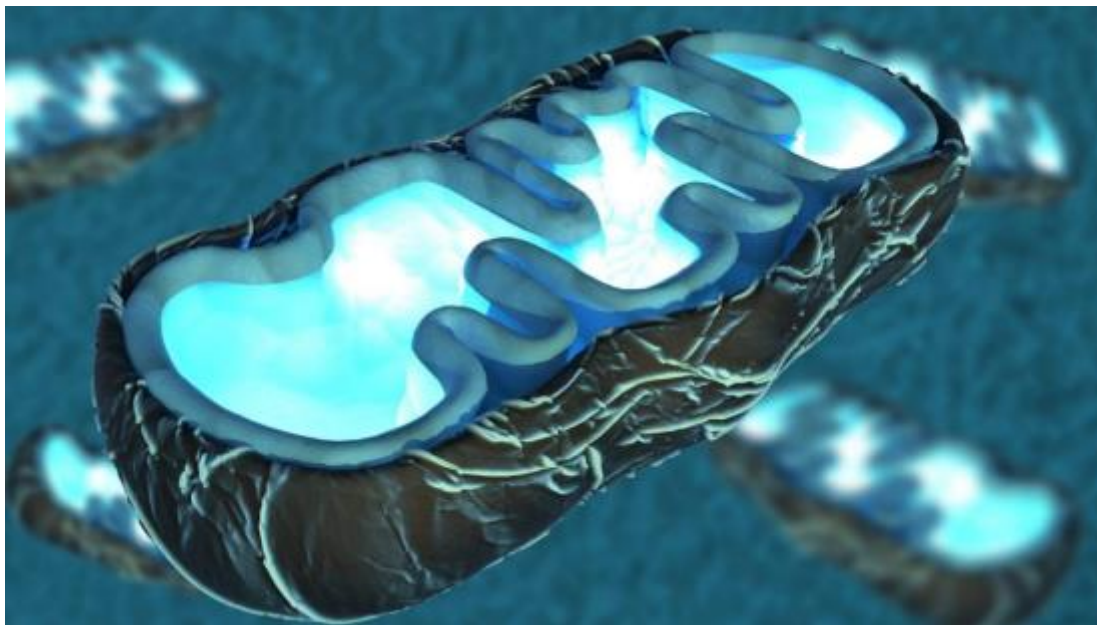
Alpha Lipoic Acid



Alpha Lipoic Acid has several benefits for people with diabetes. Dr. Bert Berkson says, "An alarming number of adults suffer from a pre-diabetic state, even adults in their 20s. The high-carbohydrate, high-sugar diet that is so popular in America overloads the body's response to sugar. This has the effect of altering the body's use of insulin, the hormone that controls blood sugar levels. A lot of research has focused on ALA's ability to stimulate the insulin response and get people back to normal blood sugar levels. I've seen fantastic results using ALA to reverse all stages of diabetes." ALA also chelates mercury.

Lipoic Acid is soluble in both fat and water. It can regenerate several other antioxidants back to their active states, including vitamin C, vitamin E, glutathione, and coenzyme Q10. ALA. It enhances glucose uptake in type 2 adult-onset diabetes and inhibits the formation of AGEs (advanced glycation end-products). Lipoic Acid has been used to improve diabetic nerve damage and reduce pain associated with that nerve damage.

Mitochondria Health, Cancer, Chlorine Dioxide & Supporting Protocol



Hitting the Bull's Eye in Metastatic Cancers is the name of an interesting research paper published in the journal *Pharmaceuticals* in 2015. Its abstract reads: "Tumor metastases that impede the function of vital organs are a major cause of cancer-related mortality. Mitochondrial oxidative stress induced by hypoxia, low nutrient levels, or other stresses, such as genotoxic events, act as key drivers of the malignant changes in primary tumors to enhance their progression to metastasis. In addition, mitochondria activity is a major source of ROS production driving a pro-oxidative state in metastatic cancer cells."

The prime cause of chronic diseases can ultimately be traced back to toxic exposure, microbial pathogens, nutritional deficiencies, low oxygen and even deficiencies in CO₂, unhealthy patterns of exercise and breathing, junk food, and emotional/mental imbalances that cause stress. That is the shortlist.

This chapter is not another paper that recommends treatment plans that target oxidative stress with antioxidants. Instead, it champions oxidative therapies via increases in oxygen that saturate the mitochondria. So **when we have oxidative stress caused by hypoxia, we do not treat the oxidative stress with antioxidants; we directly address the hypoxia.** And the instant-acting medical agents that quickly do this are chlorine dioxide and one or all of the three bicarbonates.

"High ROS levels limit cancer cell survival" during cancer initiation and progression windows. During these periods, dietary supplementation with antioxidants may promote cancer cell survival and cancer progression. This raises the possibility that rather than treating cancer patients with antioxidants, they should be treated with pro-oxidants that exacerbate oxidative stress or block metabolic adaptations that confer oxidative stress resistance.^{"xliii}

ROS manipulation can be a potential target for cancer therapies as cancer cells present an altered redox balance in comparison to their regular counterparts.

"The mainstream field of oxidative damage biology has been running fast in the wrong direction for more than 50 years," wrote Dr. Robert K. Naviaux, a clinical geneticist in San Diego, California. The oxidative stress school holds that because ROS is the prime cause of disease, therapy should eliminate or normalize ROS and ROS-related cell damage. However, Naviaux insists ROS stress is not the cause but the effect of disease processes, and we should treat the cause or causes but not the effects.

Dr. Naviaux talks about oxidative shielding, which insists that the function of ROS is to protect the cell and strengthen the cell against hostile environments, so we are not barking up the wrong tree when we promote the use of oxidants instead of antioxidants.

Chlorine Dioxide – Superior Mitochondrial Stimulator?

Because chlorine dioxide is not approved for use as a medicine, we will find no studies on its effect on cell biology and our mitochondria. However, we can study the effects of chlorine dioxide on plants. Fruits are living biological entities that perform many metabolic functions. Senescence is the period when chemical synthesizing pathways give way to degradative processes, leading to the aging and spoiling of fruits

In experiments, chlorine dioxide was closely associated with a delay in fruit senescence during storage. ClO₂ can restore ATP and the redox balance, reducing and delaying fruit senescence. Higher concentrations of ClO₂ (10 and 25mg/L) were more effective than the lower ones (5mg/L) in altering the redox balance and increasing energy production. It seems that what chlorine dioxide can do for plant mitochondria, it can do for human mitochondria too.

Oxygen is Chlorine Dioxide's Secret

Oxygen is the final receptor of electrons in the electron transport chain. Without oxygen, the electron transport chain becomes jammed with electrons. Thus, the Krebs cycle heavily depends on oxygen, deeming it an aerobic process. Furthermore, if we ram enough oxygen into the cells, we can force mitochondria to become active again and use the Krebs Cycle for energy in cancerous cells if they are not too far gone.

There are many ways to ram oxygen down our mitochondria's throats. One of the best and least expensive ways is with chlorine dioxide. **Chlorine dioxide" is a substance that provides oxygen to tissues and all body fluids, activating the mitochondria of cells.**

Curious Outlier, Producer of The Universal Antidote Documentary, puts it this way: "In a simple explanation that makes it easy to understand, that process of ramming oxygen to the mitochondria would be this. Imagine what happens when you jump-start a car with jumper cables. You are ramming electricity (electrons) into the car and turning the ignition switch on. The ignition switch of your body is always on until you're dead. So now you need to push the oxygen in, and the mitochondria will do the rest."

As you age, your mitochondrial function typically decreases, and this is a hallmark of both the aging process itself, as well as most chronic diseases.

This is important for cancer patients, but **everyone will enjoy the mitochondrial stimulation that chlorine dioxide provides as we age**. Mitochondria burn oxygen and provide energy for the body. Cells lacking oxygen or nutrients have to change their energy supply quickly to survive. Scientists from the Max Planck Institute for Biology of Ageing have shown that mitochondria are reprogrammed under depleted oxygen and nutrients.

Everyone besides oncologists understands that the long-term lack of oxygen in cells is the key driver of cancer growth. Dr. Ying Xu, Regents-Georgia Research Alliance Eminent Scholar, and bioinformatics and computational biology research professor, was published in the *Journal of Molecular Cell Biology* in 2012. "Cancer drugs try to get to the root—at the molecular level—of a particular mutation, but cancer often bypasses it," Xu said. "So we think that possibly genetic mutations may not be the main driver of cancer."

Magnesium Bicarbonate

When we combine chlorine dioxide with the ultimate mitochondrial cocktail, magnesium bicarbonate, expect sparks to fly along these cellular energy fabricators' inner and outer membranes.

Mitochondria and Oxygen

Essentially the Krebs cycle (also known as the citric acid cycle) involves a series of enzymatic reactions that transform proteins (in the form of their constituent amino acids), fats (as their constituent fatty acids), and carbohydrates (as glucose) into intermediate substances. These intermediates are then passed into the electron transport chain. Finally, they undergo a further series of reactions – receiving and donating electrons down the chain – to produce energy in the form of ATP (adenosine triphosphate), CO₂, and water. **The presence of sufficient oxygen within the cells is essential to the success of this entire process**, as the term oxidation indicates.

Dr. Seeger and others found that **cancer cells utilize only between 5 and 50% of the oxygen of normal cells**. The **virulence of cancer cells is directly proportional to their loss of oxygen utilization and the degree of blockage of the respiratory chain**. In 1957 Seeger successfully transformed normal cells into cancer cells by introducing chemicals that blocked the respiratory chain within a few days.

Failure of oxygen energy metabolism is the single most important risk factor for chronic diseases, including viral infections.

As CO₂ is a hallmark of health, lactic acid is the hallmark of cancer. When we flood the body with bicarbonates and chlorine dioxide, they inhibit lactic acid production, reverse acidification, and rescue circadian oscillation in cancer cells. Conversely, when the acidity of hypoxic patches deep in tumors is neutralized, the worst hardest to treat cancer cells, difficult to defeat by even the most toxic means, become vulnerable.

Cells adapt to oxygen deficiency by switching their energy supply to glycolysis, in which sugar is fermented without oxygen. This may be necessary in old age, for example, as the cells in the body are often less supplied with oxygen and nutrients. There is no doubt that in cancer, the ability of cellular mitochondria to function becomes typically impaired, even in the presence of sufficient oxygen.

"It has been known for some time that cells reduce the number of mitochondria when they lack oxygen and switch to glycolysis," explains Max Planck Director Thomas Langer. Initial cancer metabolism studies in the early 1920s found that cancer cells were phenotypically characterized by aerobic glycolysis. These cells favor glucose uptake and lactate production.

The researchers examined cancer cells originating from patients with pancreatic tumors. These tumors grow under oxygen deficiency and are highly aggressive. Cancer cells migrate towards low oxygen levels.

Dr. Frank Shallenberger, author of "[Bursting With Energy: The Breakthrough Method to Renew Youthful Energy and Restore Health](#)," found that even asymptomatic people in their 30s had significantly decreased mitochondrial function. He calls this "early-onset mitochondrial dysfunction," which indicates future health problems, even if everything seems good now.

The formula for human rocket fuel for the mitochondria includes:

Chlorine Dioxide

Full-spectrum light from the Sun/Vitamin D

Hydrogen

Oxygen

Magnesium Bicarbonate^{xliv}

B Vitamins

Selenium^{xlv}

Iodine

Strong doses of red light,

Near and far-infrared

CoQ10 & PQQ

Green Juices, Spirulina,

Chlorella

Intermittent Fasting

Special Note: Reestablishes the electron transport chain that has become dysfunctional in cancer, and this dysfunction draws Methylene Blue (MB) like a magnet to any dysfunctional cancer cells. Once inside the cancer cell, it helps to reestablish the electron transport chain and allows the cell to remove excess electrons that have been bottlenecked because of mitochondrial dysfunction.

The prime cause of cancer is the inability of cells to remove excess electrons. Once you reestablish the electron transport chain with MB and provide oxygen, the mitochondria "restart." Technically, the mitochondria did not stop. But instead, they were using anaerobic glycolysis. Once the electron transport chain is reestablished, normal aerobic glycolysis can begin again. That is not exactly what cancer is going to love.

Massacring Cancer with Oxygen and Bicarbonates



It has long been recognized that solid tumors contain poorly vascularized regions characterized by severe hypoxia (oxygen deprivation), acidosis, and nutrient starvation. Over the past decade, work from many laboratories has indicated that hypoxic microenvironments contribute to cancer progression by activating adaptive transcriptional programs that promote cell survival, motility, and tumor angiogenesis.

Oxygen pulls the rug out from under cancer cells and tumors by removing the basic condition that makes them virulent. Bicarbonates do the same thing, so using oxygen and bicarbonate together is lethal to cancer cells. ([Low Oxygen Causes Infections, which Cause Cancer](#) & [The Key Cause of Cancer is Oxygen Deficiency](#))

Any element that threatens the oxygen-carrying capacity of the human body will promote cancer growth.

[Northeastern University researchers](#) have found that inhaling supplemental oxygen—40 to 60% oxygen as opposed to the 21% oxygen in the air—can weaken immunosuppression and awaken anti-tumor cells. The new approach, some 30 years in the making, could dramatically increase cancer patients' survival rate, killing some 8 million people each year. The breakthrough findings were published in [Science Translational Medicine](#).

Dr. [Michail Sitkovsky](#), an immune physiology researcher at Northeastern, found that supplemental oxygenation inhibits the hypoxia-driven accumulation of adenosine in the

tumor micro-environment and weakens immunosuppression. This, in turn, could improve cancer immunotherapy and shrink tumors by unleashing anti-tumor T lymphocytes and natural killer cells.

Accumulated acid residues at the cellular level drowns out Oxygen.

“Breathing supplemental oxygen opens up the gates of the tumor fortress and wakes up ‘sleepy’ anti-tumor cells, enabling these soldiers to enter the fortress and destroy it,” explained Sitkovsky, the Eleanor W. Black Chair and Professor of Immunophysiology and Pharmaceutical Biotechnology in the Bouvé College of Health Sciences’ Department of Pharmaceutical Sciences.



Sitkovsky and colleagues looked at one particular property of tumors. They can live without much oxygen in what are known as hypoxic environments. "Since the root of all problems is the lack of oxygen in tumors, a simple solution is to give tumors more oxygen," Sitkovsky told NBC News.

*Cancer Cells are Easier to Kill
when Oxygen Levels are Increased.*

Sitkovsky found that a receptor on the surface of immune cells—the A2A adenosine receptor—is responsible for preventing T cells from invading tumors and for “putting to sleep” those killer cells that manage to enter the tumors. His latest work shows that supplemental oxygen weakened tumor-protecting signaling through the A2A **adenosine receptor and woke up the T cells that we're able to invade lung tumors.**

The paper—titled “Immunological mechanisms of the antitumor effects of supplemental oxygenation”—was the result of a robust interdisciplinary collaboration between doctors

and researchers at some of the country's most prestigious universities, hospitals and medical schools.

"This is exciting work," said Dr. Susanna Greer, director of clinical research and immunology for the American Cancer Society. "This is the kind of data that definitely makes you catch your breath a little bit." It could be a simple approach to making cancer therapies work better, especially immunotherapy, said Greer.

"I was looking to solve the problem of the existence of tumors and anti-tumor killer cells in the same patient," said Michail Sitkovsky, who led the study. Sitkovsky is not the first researcher to discover oxygen's anti-tumor properties. Others have seen that oxygen weakens cancer cells making them more vulnerable to other treatments. Other researchers at UT Southwestern reported that increased oxygen coincides with **a greater delay in tumor growth** in an irradiated animal model.

***Cancers low in oxygen are three
times more resistant to radiotherapy.***

Numerous studies have shown that tumor hypoxia, in which portions of the tumor have significantly low oxygen concentrations, is linked with **more aggressive tumor behavior and poorer prognosis**. Increased hypoxia translates into greater resistance to treatment as well as increased tendency to metastasize. Every cancer patient should be working as hard as possible to increase oxygen levels, which needs to be done in several ways simultaneously.

Massacring Cancer with Oxygen and Bicarbonates

Oxygen has a Toxic Effect on Cancer Cells

Tumors often express unusual antigens and are surrounded by immune cells. Unfortunately, this immune surveillance is imperfect and does not always prevent the tumors from growing. In addition, tumors are often hypoxic because their rapid growth outstrips their blood and oxygen supply.

Hatfield et al. have demonstrated that T cells avoid entering the hypoxic areas of tumors. In addition, the authors have shown how to overcome this problem in mice with lung tumors by having the animals breathe supplementary oxygen. A higher oxygen concentration throughout the body improved the oxygenation inside the tumors, allowing immune cells to enter and attack them, extending the animals' survival.

*Acidity turns oxygen-starved cancer
cells dormant and drug-resistant.
Ludwig Cancer Research*

Anti-tumor T cells either avoid or are inhibited in hypoxic and extracellular adenosine-rich tumor microenvironments (TMEs). This may limit further advances in cancer immunotherapy, so we must cut right through the hypoxia with a dual-sided sword. On one side, we send in vast armies of oxygen, and then we do an end around and stab the cancer cells in the back with carbon dioxide in the form of sodium bicarbonate. Bicarbonates will increase oxygen by reducing acidity.

Tumors rapidly ferment glucose to lactic acid even in the presence of oxygen, and coupling high glycolysis with poor perfusion leads to extracellular acidification. Tumor acidity contributes to prostate carcinogenesis by altering the state of macrophage activation.

“Studies conducted at the University of Bari in Italy clearly demonstrated that their acidic environment is a hallmark of all tumors, regardless of their origin or background. In fact, tumor progression increased with an acidic pH and hypoxia, or a low oxygen level,” writes Dr. Veronique Desaulniers. The perturbation in pH dynamics rises very early in carcinogenesis and is one of the most common pathophysiological hallmarks of tumors.”

A Ludwig Cancer Research study uncovered the mechanism by which cells enter a state of dormancy as tissues starved of oxygen become increasingly acidic. Large swaths of solid tumors are often deprived of oxygen; cells in such patches are thought to be a significant source of drug resistance and disease relapses. The more acid, the more hypoxic, and the harder the cancer cells resist therapy unless their acid-mediated state is targeted, which is quickly done with bicarbonates (sodium bicarbonate, potassium bicarbonate, and magnesium bicarbonate.)

Published in the Journal Cell, the Ludwig study details how in response to acidity, cells **turn off** a critical molecular switch known as mTORC1 that, in ordinary conditions, gauges the availability of nutrients before giving cells the green light to grow and divide. That shuts down the cell's production of proteins, disrupting their metabolic activity and circadian clocks, pushing them into a quiescent state. "But if you add baking soda to the drinking water given to those mice, **the entire tumor lights up with mTOR activity.** The prediction would be that by reawakening these cells, you could make the tumor far more sensitive to therapy."

Buffering against acidification or inhibiting lactic acid production fully rescues circadian oscillation.
Ludwig Institute for Cancer

When bicarbonate is given to mice in their drinking water, it **neutralizes the acidity of hypoxic patches in tumors**. This sends lysosomes zipping back to the nuclear periphery in cells -- where RHEB was waiting -- and restores the activity of mTOR. "Cells don't want to make proteins or other biomolecules when they're under stress," says Dr. Chi Van Dang, scientific director of the Ludwig Institute for Cancer. "They want to slow things down and only awaken when things return to normal."

Acidic conditions in tissues shut off a lot of things.
Dr. Chi Van Dang

Virtually every cancer patient will benefit from the use of sodium bicarbonate because it treats the low oxygen acid conditions universally found in cancer patients. Sodium bicarbonate shrinks tumors. (Bicarbonate inhibits spontaneous metastases (Robey 2009). ‘Bicarbonate Increases Tumor pH and Inhibits Spontaneous Metastases’ according to medical scientists. NaHCO₃ therapy significantly reduced the formation of hepatic metastases.

Important News about Bicarbonates, Cancer, the Pancreas, Diabetes, and Fungal Infections



Normal exocrine pancreatic function is the core of proper digestion, health, and cancer-free life. Unfortunately, one primary reason for the current epidemic of digestive disorders is chronic metabolic acidosis, which is extremely common in modern populations. Chronic metabolic acidosis primarily affects two alkaline digestive glands, the liver, and the pancreas, which produce alkaline bile and pancreatic juice with large amounts of bicarbonate.

Small bile and pancreatic juice pH alterations can lead to severe biochemical/biomechanical changes. The pancreatic digestive enzymes require an alkaline milieu for proper function, and lowering the pH disables their activity. So here we are at the beginning of digestive disorders and cancer.

Acidification of the pancreatic juice decreases its antimicrobial activity, which can lead to intestinal dysbiosis. In addition, lowering the pH of the pancreatic juice can cause premature activation of the proteases inside the pancreas with the potential development of pancreatitis.

Bile acidification causes bile acid precipitation, which irritates the entire biliary system and creates bile stone formation. In addition, an aggressive mixture of acidic bile and pancreatic juice can cause erratic contractions of the duodenum's walls and subsequent bile reflux into the stomach and the esophagus.

Pancreas, Bicarbonates, and Diabetes

Parhatsathid Napatalung from Thailand writes, "The pancreas is harmed if the body is metabolically acid as it tries to maintain bicarbonates. Without sufficient bicarbonates,

the pancreas is slowly destroyed, insulin becomes a problem, and diabetes becomes an issue. Without sufficient bicarbonate buffer, the effect of the disease is far-reaching as the body becomes acid.”

“Monitoring of blood-sugar levels, insulin production, acid-base balance, and pancreatic bicarbonate and enzyme production before and after test exposures to potentially allergic substances reveals that the pancreas is the first organ to develop inhibited function from varied stresses, writes Dr. William Philpott and Dr. Dwight K. Kalita in their book *Brain Allergies*.

When one of many possible biological stresses weigh down on the pancreas, it will begin to malfunction like any other organ. We will first see a reduction in pancreatic bicarbonate production when this happens. **Once there is an inhibition of pancreatic function and pancreatic bicarbonate flow, a chain reaction of inflammatory reactions throughout the body naturally follows.** Under such conditions, infections and fungi are known to

Decreasing bicarbonate flow would boomerang hardest right back on the pancreas, which needs proper alkaline conditions to provide the total amount of bicarbonate necessary for the body.

Pancreatic Cancer and Fungal Infections

On October 3, 2019, The New York Times published an article titled, "In the Pancreas, Common Fungi May Drive Cancer," reporting on a study published in the prestigious Nature journal. According to this study: fungi migrate from the gut lumen to the pancreas, and this is implicated in the pathogenesis of pancreatic ductal adenocarcinoma (PDA), which is a malignancy of the exocrine pancreas with the worst prognosis among all solid tumors; and soon to become the second leading cause of cancer-related deaths.

PDA tumors in humans and mouse models of this **cancer displayed an increase in fungi of about 3,000-fold compared to normal pancreatic tissue.** Solid tumors excrete acid, and acidic conditions in the surrounding tissues stimulate the spread of cancer cells. Acid is a byproduct of glucose metabolism, which ties in with research showing cancer feeds on and is accelerated by a diet high in sugar

According to the researchers, PDA tumors had far more significant amounts of a common fungal genus called *Malassezia*. Killing off the mycobiome with an **anti-fungal drug was protective, slowing down the progression of the tumor.** The team found that treating mice with a solid antifungal medication called amphotericin B reduced tumor weight by 20–40%. The treatment also reduced ductal dysplasia, an early stage in the development of pancreatic cancer, by 20–30%. Sodium bicarbonate, for many reasons, is a far superior anti-fungal than amphotericin B, for it also addresses the conditions that lead to pancreatic distress while it kills fungi.

In summary, the fungi trapped in the pancreas appear to drive tumor growth. **Fungus infections are another factor to consider in the alphabet soup of factors affecting cancer proliferation.** The fungal population in the pancreas is a biomarker for who's at risk for developing cancer because it is part of an army of infections well known to cause cancer.

Doesn't this recent research remind you of Dr. Tullio Simoncini's work on believing that cancer is a fungus? Indeed, fungus and cancer cells share fermentation as their primary energy source. Both are invasive and, in most late-stage cancers, unquestionably come with each other because they are the same.

Antibiotic Resistance and Bicarbonate

With antibiotic resistance on the rise, scientists are looking everywhere for better treatment approaches, even inside a box of baking soda—otherwise known as sodium bicarbonate. Bicarbonate ions, like the ones in this kitchen staple, act as a ubiquitous buffer in the human body. In a new study, scientists have figured out that bicarbonate diminishes the pH gradient across bacterial membranes, which can help usher some antibiotics in and keep some out.

Eric D. Brown of McMaster University found that bicarbonate increased bacteria-killing for some drug classes. The activity of many antibiotics is influenced by the proton motive force, the product of cellular respiration that generates the energy molecule ATP. The significant shifts in the activity they observed were substantial clues that bicarbonate was impacting this aspect of bacterial physiology.

Of course, we know, or should know, that many viruses are pH-sensitive to bicarbonates. This is because the fusion of viral and cellular membranes is pH-dependent. "The plasma membrane of eukaryotic cells is a barrier against invading parasites and viruses.

Inexpensive, Safe Way to Combat Autoimmune Disease

Scientists say that a daily dose of baking soda may help reduce the destructive inflammation of autoimmune diseases like rheumatoid arthritis. They have some of the first evidence of how the cheap, over-the-counter anti-acid can encourage our spleen to promote an anti-inflammatory environment that could be therapeutic in the face of inflammatory disease, Medical College of Georgia scientists reported in the Journal of Immunology.

They have shown that when rats or healthy people drink a solution of baking soda, it becomes a trigger for the stomach to make more acid to digest the next meal and for little-studied mesothelial cells sitting on the spleen to tell the fist-sized organ that there's no need to mount a protective immune response.

"The shift from inflammatory to an anti-inflammatory profile is happening everywhere," said Dr. Paul O'Connor says. "We saw it in the kidneys, we saw it in the spleen, now we see it in the peripheral blood."

Conclusion

Yet some doctors who are ignorant of the fundamental importance of bicarbonates continue to stand against its use. For example, Dr. Russell Jaffe contends "that use of baking soda to quell inflammation and autoimmunity brings more risk than benefit. Therefore, in my opinion, it is a harmful choice one should avoid."

I tend to ignore doctors like this and drink my pH Adjust (sodium bicarbonate and potassium bicarbonate with magnesium). Or, for a mitochondrial rocket fuel formula, I take magnesium bicarbonate.

Doctors might as well tell patients to stop breathing or drinking water when they warn people of bicarbonates, which are natural substances that the stomach, pancreas, and kidney strain to produce every day of our lives.

Pharmaceutical Snake Venom Enzymes



The last year, between March 2021 and March 2022, 769 athletes collapsed on the field, and many died? Why? Never before in medical history have we seen a vaccine or a virus have this effect, so why now? Something must be different, but what? And if that was not bad enough, Dr. Ryan Cole recently stated that he is getting reports worldwide from doctors observing that cancer rates are "taking off like wildfire" following COVID-19 vaccinations. Why?

The answers to these questions will have you wanting to bring to trial and hang a reasonably large group of people, starting with the men and women from the FDA who approved COVID vaccines and remdesivir.

We now have the specifics of a horror story that will be told for a thousand years. It uncovers the pharmaceutical terrorism I have written about for the last 20 years. Before you reject the conclusions, know that pharmaceutical companies love using snake venom. Snake venom is used in many drugs.

Many snake venom components are now involved in preclinical or clinical trials for various therapeutic applications. However, the billion-dollar question is this. Were snake venom peptides engineered into the COVID virus payload (spike protein)? Could venom peptides be used to design the mRNA COVID-19 experimental genetic vaccines?

In New Zealand's Daily Telegraph, we read: "mRNA vaccines specifically train the human physiology to produce the suspect spike protein. Did this expose vaccine recipients to a toxin? It appears this might be the case. In this case, the mRNA vaccine's basic design would have been a grave error. It was training the physiology to produce a toxin." There is no error here. It is deliberate. It is not accidental that neurological, thrombotic, and cardiac effects are similar in Covid infection, mRNA vaccination, remdesivir, and snake venom.

At the end of August 2021, in the New York Post, "Getting very ill with COVID-19 is like **getting bitten by a poisonous rattlesnake**. Researchers from Stony Brook University on Long Island published it in the Journal of Clinical Investigation. They **identified an enzyme in the coronavirus that ravages the body like the neurotoxins from rattlesnake venom**.

An article in Scientific American as early as the end of January 2020 reported: "Snakes – the Chinese krait and the Chinese cobra – may be the source of the newly discovered coronavirus that has triggered an outbreak of a deadly infectious respiratory illness in China this winter." This was reported in The Boston Globe as well.

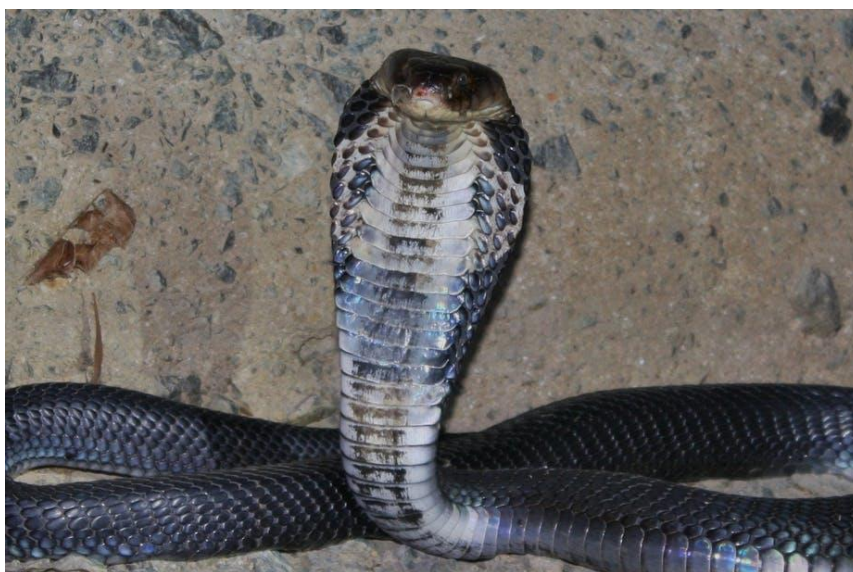
It is not like the snakes had COVID and spread it. Instead, what seems to be the case is that medical scientists stole the protein codes from various snakes and put them first in the virus, then into remdesivir, and then into COVID vaccines hoping to kill as many of us as possible.

The researchers used an analysis of the protein codes favored by the new coronavirus and compared it to the protein codes from coronaviruses found in different animal hosts, like birds, snakes, marmots, hedgehogs, manis, bats, and humans. Surprisingly, **they found that the protein codes in the new coronavirus are most similar to those used in snakes**.

A paper published in F1000Research entitled "Toxin-like peptides in plasma, urine, and fecal samples from COVID-19 patients" in April 2020 concluded that:

"The presence of toxin-like peptides...suggests a possible association between COVID-19 disease and the release in the body of (oligo-)peptides almost identical to toxic components of venoms from animals....The presence of these peptides opens new scenarios on the etiology of the COVID-19 clinical symptoms observed up to now, including neurological manifestations."

Hiding Snake Venom Proteins in Gain of Function Viruses?



Is COVID19 a viral threat or a toxic one, or is it a combination of both? Of course, they wouldn't poison us, would they? But of course, they would, and to think otherwise is to know nothing about pharmaceutical history.

Everyone knows that there are psychopaths everywhere, including in medicine. The greatest harm psychopaths as a group have engineered on the human race is through poisoning us. They figured out 150 years ago that they could make staggering amounts of money doing so without being caught. They created elaborate plans to get away with murder while living the good life

Using just part of the genetic code of snake venom would be an effective way to **kill people without the substance being suspected**. As the venom attacks specific organs (pancreas, heart, liver, spleen, brain, lungs, etc.), people with diseases of these organs will naturally succumb, apparently to their original health problem and not the treatment. Snake venom is thus an effective bioweapon. And that is what we saw in seriously ill COVID patients, usually at least one but mainly two or more comorbidities.

Through the ages, the whole idea of poison was to knock off adversaries without any clear traceback like an arrow in the back gives. So what's the point of an assassin advertising his dirty deed? Killers who used poison were covered with stealth, and so were most of the products, medicines, and vaccines we use today.

Snakes have been in the COVID news from the very beginning. Before all the confusion and lies started, we had clear communications from multiple sources that snake venom had been used in medical research. It seems clear that gain of function research was not centered on bats but on snake venom. Coronaviruses are not known to be that dangerous, but what can be added to them, like the genetic code of snake venom, could make them much more hazardous.

This Information Is Making Many Uncomfortable

<https://www.brighteon.com/2b090826-787f-4d03-9f78-a1a80d3fe767>

Dr. Bryan Ardis is the doctor most responsible for opening a hornet's nest about snake genetics and COVID. However, he is accused of being "inappropriately accusatory and unnecessarily sensationalistic" by Doctor Pierre Kory and deep-sixed by others. However, he does have something to get excited about. What if the gain of viral function research was training coronaviruses via the spike protein to produce toxins based on the genetics of snake venom? What if the vaccines were programmed the same way? Would you get very upset and excited by it?

<https://www.youtube.com/watch?v=1uhzpaI1gdw>

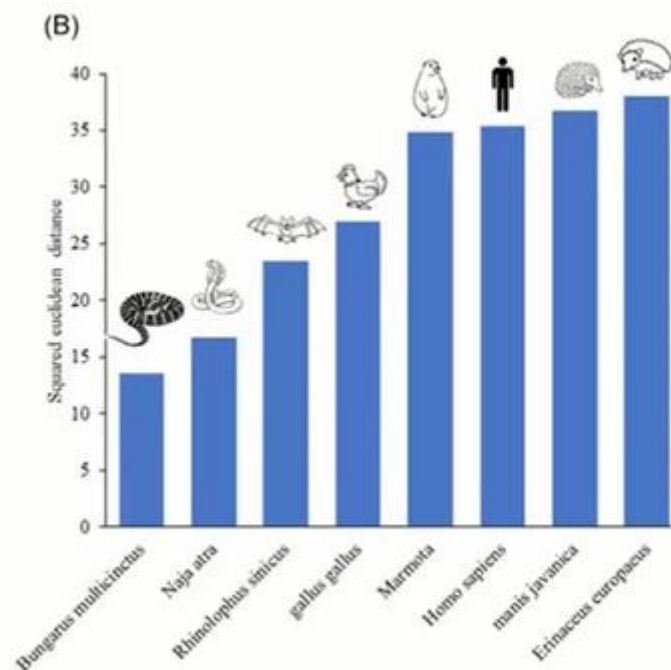
"It seems to boil down to an enzyme found in rattlesnake venom," according to Floyd Chilton, Professor & Director of the Precision Nutrition and Wellness initiative at the University of Arizona. He got blood samples from about 130 patients in a New York ICU and *discovered an enzyme found in the highest concentration of it that has ever been found in humans*. "When the activated enzyme circulates at high levels, it has the capacity to "shred" the membranes of vital organs," Chilton said.

"This enzyme is a humanized version, part of the same family as the active ingredient in snake venom, so this enzyme has been around a hundred million years. In simple terms, this enzyme related to snake venom found in humans is likely causing tremendous damage leading to multiple organ failure and death." *It is important to note that it is not actual snake Venom. It is enzymes similar to it.*

"Could this explain why some people who are very healthy and have no known underlying health conditions die from COVID-19?" asked a reporter. "It could," Chilton answered. Though he did not finger the source of the venom as remdesivir, it seems like the most likely candidate.



Medical scientists in early 2020 published in the [Journal of Medical Virology](#) findings suggesting that 2019-nCoV has most similar genetic information with bat coronavirus and most similar codon usage bias with snakes.



Dr. Tau Braun , a U.S. National Counterterrorism & EMS Advisor and Trainer, Chief Scientist, Counter Bioterrorism Division, BioChem Engineering, and Executive Director of the Violence Prevention Agency discovered the origin of Covid 19 was snake venom. In June 2021, Dr. Braun emailed two departments of the FBI.

"The Spike Protein has numerous "fingerprints" pointing to a manufactured biological weapon. It can be aerosolised and can easily be deployed as a chemical weapon with devastating short-term and long-term impacts.

*"SARS2 was rapidly labeled a respiratory disease. However, my research has revealed that the primary destructive mechanism of SARS2 and the S-Protein is an **envenomation**.*

Snake venom peptides were used to cause the entire Covid "pandemic," first having the peptides piggyback on a coronavirus and then using genetic vaccines as the injection mechanism a year later. **"You can use this particular weapon with or without a viral component.** The bigger problem is the spike protein. They took that highly lethal pathogenic short-term and long-term poison, a venom-based poison – I cannot be any more clear, they took that, and they gave you a code if you took the vaccine. And that code is a trick – a cell that would not normally accept that code was told, " Hey, suck this code in and start printing more of this poison."

Since The Beginning, We Knew There Was Something Wrong

https://www.youtube.com/watch?v=k9GYTc53r2o&feature=emb_imp_woyt

No virus has ever acted like COVID-19 because it carries snake venom enzymes into the body. No vaccine has ever been so dangerous because they instruct the cells to manufacture snake venom enzymes.

It was "as if tens of thousands of my fellow New Yorkers are stuck on a plane at 30,000 feet and the cabin pressure is slowly being let out. These patients are slowly being starved of oxygen," said Cameron Kyle-Sidell, MD, an emergency room and critical care doctor at Maimonides Medical Center in Brooklyn.

"A whole bunch of these patients really have low oxygen, but their lungs don't look all that bad," says Todd Bull, MD, director for the Center of Lungs and Breathing at the University of Colorado School of Medicine.

Remdesivir Death Medicine

U.S. public health anointed remdesivir the standard-of-practice for patients severely ill with stage-two inflammatory COVID in the ICUs all over America. It is well-known that **remdesivir can destroy kidney function in as little as five days**. This supposed antiviral agent is being used after the high-viral-load stage-one phase of COVID is over. How many ICU patients have been killed by remdesivir?

In January 2020, a study was published mapping the genetic sequences of the proteins and peptides of the king cobra venom. The researchers came from a company called Genentech. There are **19 toxic proteins isolated**, specifically targeting organs in the human body. Funding for this study came from Roche, which put employees in the study in a conflict of interest as they were all shareholders in Roche.

Genentech is related to Remdesivir manufacturer, Gilead. Gilead bought two facilities that deal with biological studies from Genentech in 2011; 55 of **Genentech's executives were brought into Gilead in 2011, just when the king cobra study started.**

Gilead's Remdesivir is created from synthetic peptides and proteins of king cobra venom. Before and during treatment, the patient's prothrombin time must be monitored: a high level means the patient's blood cannot clot.

"Dr. Paul Marik, one of the best ICU doctors in America, testified about the dangers of remdesivir and the corruption in our medical system for prescribing it. Though it is deadly, doctors are being incentivized to use it on patients. Remdesivir killed more than 50% of the animals during its clinical trials. Yet the FDA still approved it."

The coronavirus enzyme, sPLA2-II, has similarities to an active enzyme in rattlesnake venom.

Chlorine Dioxide To The Rescue

It is typical of the FDA to promote dangerous drugs like Remdesivir and get hysterical if someone uses a safe medical substance like chlorine dioxide. However, not only has chlorine dioxide shown to be effective for pennies against COVID, but it also is showing promise for the terrible damages the experimental genetic COVID genetic vaccines are doing to the public. Interestingly, Dr. Andreas Kalcker holds a patent for chlorine dioxide's use as a universal snake antivenom.

Conclusion

During the pandemic, hospitals became hell holes killing more COVID patients than they helped with deadly treatments like remdesivir. Thus many have thought that it wasn't the virus killing people as much as the treatment, specifically Remdesivir poisoning. COVID represents crimes greater than humanity has ever endured in all history.

Still, think it absurd that a pharmaceutical company would use snake venom proteins in a drug? Brazil's researchers do not think bragging about a molecule present in the venom of jararacussu pit viper would prevent coronavirus' ability to multiply.

It will be sickening if we discover that the name COVID19 is not named after the year it began its invasion of the human race but after these 19 toxic proteins. It seems like those most involved in the hideous crime of COVID could not resist leaving some tracks for the astute to follow. The English word "virus" is based on a Latin word for "poisonous secretion," and early on, it often kept to its original meaning of "venom."

Perhaps this was the dream of medical scientists conducting gain of function research. To marry the old and new into one potent bioweapon designed not for war against a country but against the entire human race.

Pharmaceutical Murder With Remdesivir



In a warning published early last year, the [FDA stated that remdesivir could cause liver injury](#), allergic reactions, sudden changes in blood pressure and heart rate, low blood oxygen level, fever, shortness of breath, wheezing, swelling around the lips and eyes, nausea, sweating and shivering. Why these reactions?

During the pandemic, hospitals became hell holes killing more COVID patients than they helped with deadly treatments like **remdesivir**, which, believe it or not, seems to be a [synthetic form of snake venom](#). Thus many have thought that it wasn't the virus killing people as much as the treatment, specifically Remdesivir poisoning.

Is it absurd that a pharmaceutical company would use snake venom proteins in a drug? Brazil's researchers do not think bragging about a molecule present in the venom of jararacussu pit viper would prevent coronavirus' ability to multiply. Instead, scientists could whip up an anti-Covid drug-using snake venom.



"It seems to boil down to an enzyme found in rattlesnake venom," according to Floyd Chilton, Professor & Director of the Precision Nutrition and Wellness initiative at the University of Arizona. He got blood samples from about 130 patients in a New York ICU and discovered an enzyme in the highest concentration of it that has ever been found in humans.

"This enzyme is a humanized version, part of the same family as the active ingredient in snake venom, so this enzyme has been around a hundred million years. In simple terms, this enzyme related to snake venom found in humans is likely causing tremendous damage leading to multiple organ failure and death."

"Could this explain why some people who are very healthy and have no known underlying health conditions die from COVID-19?" asked a reporter. "It could," Chilton answered. Though he did not finger the source of the venom as remdesivir, it seems like the most likely candidate.

U.S. public health anointed remdesivir the standard-of-practice for patients severely ill with stage-two inflammatory COVID in the ICUs all over America. It is well-known that **remdesivir can destroy kidney function in as little as five days**. This supposed antiviral agent is being used after the high-viral-load stage-one phase of COVID is over. How many ICU patients have been killed by remdesivir?

"Dr. Paul Marik, one of the best ICU doctors in America, testifies about the dangers of remdesivir and the corruption in our medical system for prescribing it. Though it is deadly, doctors are being incentivized to use it on patients. Remdesivir killed more than 50% of the animals during its clinical trials. Yet the FDA still approved it." The FDA is an abomination that should be canceled!



Remdesivir side effects

- severe headache, pounding in your neck or ears;
- fast, slow, or pounding heartbeats;
- wheezing, trouble breathing;
- swelling in your face;
- nausea;
- fever, chills, or shivering;
- itching, sweating, or.
- a light-headed feeling, like you, might pass out;
- Multiple Organ Failure
- Death

According to CMS (Centers for Medicare & Medicaid Services) data, almost 26% of people put on Remdesivir die. But it is a huge moneymaker for the government and Big Pharma.

Remdesivir Deaths: The Real Numbers

7

Remdesivir (Veklury) deaths recorded in CMS database (2021):

- 7,960 beneficiaries prescribed Remdesivir for COVID-19
- 2,058 beneficiaries died

25.9% remdesivir patients died
46% of those died within 14 days of remdesivir treatment

How much does remdesivir cost?
Hospitals will pay \$390 per vial of remdesivir, which equates to \$2,340 (government) to \$3,120 (private insurance) for a five-day course of the drug, using 6 vials

(source: <https://www.kff.org/coronavirus-covid-19/issue-brief/how-could-the-price-of-remdesivir-impact-medicare-spending-for-covid-19-patients/>)

The Palm Study Group investigated four drugs for the use of Ebola. The results were published on December 12, 2019, in the New England Journal of Medicine. That date is significant because that signaled the beginning of Covid. The Data Safety Monitoring Board of that study terminated the study of Remdesivir. **TERMINATED**, because Remdesivir **INCREASED THE RISKS OF DEATH AND RENAL FAILURE**. It was **SUCH A TOXIC DRUG** the Data Safety Monitoring Board terminated the use of REMDESIVIR.

Yet, in January and February of 2021, the NIH, in the ACTT 1 Study, enrolled patients in a study looking at Remdesivir for the treatment of Covid-19. The last patient was registered on April 19, 2020. Ten days later, before the survey terminated, Dr. Fauci sat in the Oval Office of the White House, saying, "The trial was good news."

Dr. Bryan Ardis Shouts Out

Dr. Bryan Ardis asks, "How is it possible that the United States of America, one of the top industrialized nations in the world, including in our healthcare systems, how is it possible that we still lead the world in COVID-19 deaths?"

"There's only one thing we've done from the beginning that no one else was doing – and it was Anthony Fauci's death protocol in hospitals using a drug called remdesivir that he knew would kill either a quarter to 30 percent of all people he gave the drug to in hospitals in five to 10 days."

<https://rumble.com/v10mnew-live-world-premiere-watch-the-water.html>

Dr. Ardis is kicking up an extraordinary amount of dust. Though communicated with warranted hysteria, he seems on target about remdesivir. Some grounding thoughts about

the above video come from the Kennedy people, but the core story seems legitimate after putting all the information together.

Conclusion – Pharmaceutical Terrorism is Alive and Well

It is typical of the FDA to promote dangerous drugs like Remdesivir and get hysterical if someone uses a safe medical substance like chlorine dioxide. However, not only has chlorine dioxide shown to be effective for pennies against COVID, but it also is showing promise for the terrible damages the experimental genetic COVID genetic vaccines are doing to the public. Interestingly, Dr. Andreas Kalcker holds a patent for chlorine dioxide's use as a universal snake antivenom.

Concentration Camp Earth



We are witnessing the collapse of humanity into extreme poverty, mental suffering, and spiritual anguish. Hunger, cold, and starvation included. "In the months and years ahead, the financial, economic, and social conditions will be scary and unpleasant," writes Doug Casey. Many of us will die as food quickly becomes scarce and priced beyond many people's reach. Michael Synder writes, "If you think things are bad now, just wait until we get into the second half of this year."

Eighty years ago, the Nazis used guns to force people into concentration camps where many would undergo experimental medical injections. Of course, no one in his right mind would think of walking into a concentration camp clinic to get their injection. But with COVID, we saw people run to get their injections, no guns needed.

The pharmaceutical madmen who seem to be running the planet don't need guns to get people to get experimental genetic injections that harm more people than they help. The mental programming is so intense that pregnant women, mothers, and fathers rushed out to inject their children, only to see many drop dead or spontaneously abort. People like Gates and Fauci and the medical-industrial complex have driven at least half of humanity insane enough to trust pharmaceutical companies, governments, and doctors to run for their injections.

Pfizer's data drop shows they knew the vaccine didn't provide 95% protection and was closer to 12%. They knew efficacy dropped to ~1% after a few days. They knew it could potentially harm unborn babies. **So they wanted to bury this data for 75 years.** Pfizer is a criminal organization that does not care how many they kill. So they will be remembered for this far into the future.

*Children's Risk of Death Increases by 5100%
Following Covid-19 Vaccination Compared to
Unvaccinated Children According to Official ONS Data*

Our world, the entirety of modern civilization, has been turned into a vast concentration camp. And it is about to get worse as we see in China, where authorities have no problem turning a mighty city of 27 million into a prison. So in China, many cities totaling 400 million people were locked out of life. Zero COVID equals zero intelligence, zero love, and zero compassion. The same can be said about zero-carbon. There is zero intelligence in zero-carbon because the world is not warming but getting colder each year.

China continued its killer lockdowns in Shanghai and Beijing this weekend as more people are being moved into COVID quarantine camps. In addition, unemployment is skyrocketing as their economy is self-destructing.

China's ruling Communist Party shows no signs of backing off anytime soon. On the contrary, China's crippling control measures seem to be **testing our human capacity to bear them**. Some feel that this testing will eventually be brought to the rest of the world as it did at the beginning of the pandemic. But now rumors are flying that Xi, the head honcho, is being replaced as he should be.

World Health Organization

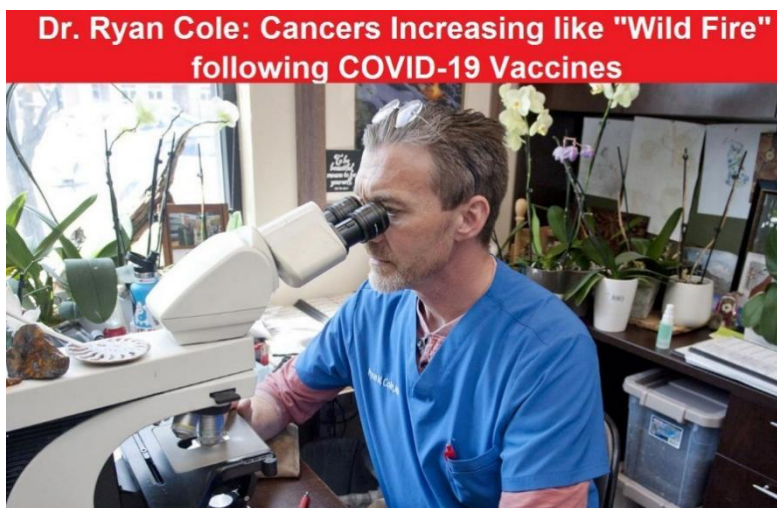


Now Tedros Adhanom Ghebreyesus, the director of the World Health Organization (WHO), wants to make it official that they can do whatever they want to us using viruses that they create (gain of function) as an excuse. So, on May 22-28, 2022, ultimate control over America's healthcare system and its national sovereignty will be delivered for a vote to the World Health Organization's governing legislative body, the World Health Assembly (WHA). This threat is contained in new amendments sponsored by the Biden Administration that will empower WHO's Director-General to declare health emergencies or crises in any nation and do so unilaterally and against the opposition of the target nation.

Biden is trying to hand over U.S. sovereignty to the WHO. This is treason, and any government who signs up for this is betraying their country. However, even without passage, as we saw during the COVID pandemic, **they already have control over the world.** It's absolute power they are aiming for now.

*43,898 Dead 4,190,493 Injured Following COVID-19 Vaccines
in European Database of Adverse Reactions Vaccine Impact*

The slaughter of the vaccinated started with the campaign to convince everyone that vaccines are the best thing that ever happened to medicine. Suppose you believe that you are one of the captured souls. COVID has taught much of humanity that **vaccines are the worst thing ever happening to medicine and the world.**



7,500% Increase in Cases of Cancer Following COVID Vaccines

Judges Are Stepping In

COVID has shown us how harmful vaccines can be and to what lengths authorities will cover up vaccine damages. Today they will dismiss even their own official adverse vaccine event reporting systems reporting a massacre. But in the past, one way of covering up the dangers of vaccines to the very young was called Shaken Baby Syndrome. Pediatricians are the worst and would rather throw parents in jail than admit their vaccines were killing the young, and judges are fed up with that nonsense.

Sicily's Court of Administrative Justice has ruled that Italy's mandatory Covid vaccination obligation is unconstitutional. The court stated that the experimental mRNA treatments intended to protect the public from Covid have been shown to cause "**serious or fatal adverse effects**." The court explains that a single death is enough to render the mandate unconstitutional, even if such fatalities are rare.

India's top court also ruled that no person can be forced to get vaccinated. In a milestone judgment on the country's Covid-19 policy, the constitution gives everyone the right to refuse vaccination. Some countries and courts are fighting against the vaccinationists who would see everyone get their shots no matter how many men, women, and children are hurt or killed. However, many people are smartening up and are refusing to take more shots.

Reporting From The United States Military

Myocarditis Up 2800%: Army Veteran Pam Long Lists
Alarming Numbers From the DMED DataBase

Myocarditis - Up 2800%

Cancers - Up 300% to 900%

Infertility (Both Genders) - Up 500%

Miscarriages - Up 300%

Neurological Disorders - Up 1000%

Demyelinating Disorders - Up 1000%

Multiple Sclerosis (MS) - Up 600%

Guillain-Barré Syndrome - Up 500%

HIV - Up 500%

Pulmonary Embolisms - Up 400%

Get Your COVID Shots and Put Your Life at Risk



"I got vaccinated with AstraZeneca last Saturday. Before my vaccination, I spoke to my functional medicine doctor, and she gave me the green light. My skin looks like this now. I think I move slower than a tortoise. I took 4 hours to get out of bed today. My laundry is undone. I cry in the shower cause it's so fucking painful. And I can't and don't want to do anything."



Male 71 years old: Leukocytoclastic vasculitis after the 3rd dose of CoronaVac.

*Study finds Covid-19 Vaccination increases
risk of suffering a stroke by 11,361%
 Recorded Cases of Heart Disease Among Under 40 Years
 Old Explodes 20,000% After COVID-19 Vaccines Roll Out*

COVID19 has been deliberately weaponized to crush populations. Many of the backers of this global coup d'etat, this planetary shakedown, are long-time eugenicists hell-bent on population reduction. Bill Gates's view of the future world has far fewer of us. The method of choice to take billions out is utilizing selected toxins masquerading as "vaccines." Mass media keeps the truth off people's screens. Most people cannot accept that the establishment they assume has their best interests is in cahoots with the darkest evil.

A new study suggests recipients of Moderna's COVID-19 vaccine may be more likely to suffer repeated infections, perhaps indefinitely.



"New U.K. government data allows us to analyze the data in a way we couldn't before. This new analysis shows clearly that the COVID vaccines kill more people than they save for all age groups. In other words, they shouldn't be used by anyone. The younger you are, the less sense it makes. The results make it clear that the COVID vaccines should be halted immediately," writes Steve Kirsch.

Throw The Book At Them



*"Masks are a CDC Issue; It Should Not Have Been a Court Issue"
Fauci Insists the CDC Should be Above Federal Courts and Law*

Dr. Richard Fleming says, "This specific goal is to have the Attorney Generals quote Grand Juries to have indictments of Anthony Fauci and several other individuals who have violated criminal statutes. They need to be held criminally accountable for what they've done. Their actions are clear beyond the treaties. They have, as everybody has already pointed out, had a tremendous impact on American citizens' liberties and civil rights. The only way to stop this behavior is to hold them criminally accountable."



Cancel the FDA



The FDA must be canceled, taken apart, disbanded, and the principal people in charge of approving COVID vaccines arrested and tried for crimes against humanity. They are nothing less than mental monsters. Living and working at the pinnacle of human arrogance, they are people without hearts—no feeling for what their decisions have done and continue to do to people everywhere on the earth—a unique blend of a psychopath and sociopath, marvels of evil hidden in plain sight.

How dare they approve experimental genetic vaccines never used before, even under emergency authorization? How dare they approve a vaccine destined to kill hundreds of thousands and maim millions more without complete safety studies. Welcome to the world of medical insanity housed in FDA offices, and there seems to be no end to their crimes insight.

Civilization has it wrong, making Russia and Putin into mad monsters. I say that just because we ignore the real mad monsters back home. It is just money, power, and hate of human life the FDA embraces. The FDA is the enemy of human happiness. Of all human life.

The world is waking up, not to how evil medical institutions can be, but to the cancel culture, with the western world bragging about how they can cancel whole countries and steal their money. So if there is a shred of hope for the human race, let's use this modern digital economic warfare to attack those responsible for the COVID nightmare. Let's cancel the lot of them.

I said a year ago that if the FDA knew what was suitable for it and the public, they would have retracted their emergency authorization of all COVID-19 vaccines. But unfortunately, I doubted they would do anything to protect the public, knowing their history of terrorizing us with unsafe medicines and medical practices.

The real enemy lives behind the FDA's doors. In FDA, Pfizer, and Moderna offices everywhere.

They Were Warned

Dr. Howard Markel, a pediatrician, distinguished professor, and director of the Center for the History of Medicine at the University of Michigan, said people's mistrust of the system makes the idea that the FDA would rush this process before late-stage clinical trials are complete "colossally stupid." Markel said, "All it takes is one bad side effect to botch a vaccine program that we desperately need against this virus. It's a prescription for disaster."

Dr. Michael Kinch, a radiation oncology professor in the school of medicine at Washington University in St. Louis, his latest book, "Between Hope and Fear," explores the history of vaccines. Kinch said the clinical trial process needs to be followed to the end, which they were not. "A too-early EUA for a vaccine **could cause a "nightmare scenario,"** for a few reasons. "People are going to die unnecessarily if we take chances with this," Kinch said.

It did create a nightmare scenario, though the mainstream narrative is still not even beginning to acknowledge what is going on. People are having difficulty recovering from the massive increases in sudden death and a virtual plague of sicknesses. Insurance companies are banging the bell about the catastrophe of a 40% increase in overall mortality.

Dr. Roger Hodkinson: Potential weakening of the immune system after receiving the Covid vaccine "could result in a tsunami of conditions," which is what the vaccinated are suffering through.

Information from the U.S. military's Defense Medical Epidemiology Database (DMED) was exposed in Congress when several whistleblower doctors revealed a shocking increase in vaccine injuries among young, otherwise able-bodied soldiers to attorney Tom Renz, who testified under oath. Look at the list reported in [Dr. Robert Malone's Substack newsletter](#).

- Total Number of Diseases & Injuries Reported By Year (Hospitalization) up 37%
- Diseases of the Nervous System By Year up 968%
- Malignant Neuroendocrine Tumor Reports By Year up 276%
- Acute Myocardial Infarct Reports By Year up 343%
- Acute Myocarditis Reports By Year up 184%
- Acute Pericarditis Reports By Year up 70%
- Pulmonary Embolism Reports By Year up 260%
- Congenital Malformations Reports By Year up 87%
- Nontraumatic Subarachnoid Hemorrhage Reports By Year up 227%
- Anxiety Reports By Year up 2,361%
- Suicide Reports By Year up 227%
- Neoplasms for All Cancers By Year up 218%
- Malignant Neoplasms for Digestive Organs By Year up 477%
- Neoplasms for Breast Cancer By Year up 469%

- Neoplasms for Testicular Cancer By Year up 298%
- Female Infertility Reports By Year up 419%
- Dysmenorrhea Reports By Year up 221.5%
- Ovarian Dysfunction Reports By Year up 299%
- Spontaneous Abortion Reports By Year DOWN by 10%
- Male Infertility Reports By Year up 320%
- Guillian-Barre Syndrome Reports By Year up 520%
- Acute Transverse Myelitis Reports By Year up 494%
- Seizure Reports By Year up 298%
- Narcolepsy & Cataplexy Reports By Year up 352%
- Rhabdomyolysis By Year up 672%
- Multiple Sclerosis Reports By Year up 614%
- Migraine Reports By Year up 352%
- Blood Disorder Reports By Year up 204%
- Hypertension (High Blood Pressure) Reports By Year up 2,130%
- Cerebral Infarct Reports By Year up 294%

Thank you, FDA. You monsters are more responsible for this than any other, and you should pay dearly for it. If there is any justice in this world, you surely will.

"I've Never Seen as Many Deaths. It's Around a 500 or 600% Increase."



Funeral director John O'Looney of Milton Keynes family funeral services in Milton Keynes, England, shared that **deaths are at unprecedented levels among young people in their 20s, 30s, and 40s, and "all were vaccinated."** According to John and a group of experts, they see a massive increase in thrombosis deaths. (Thrombosis occurs when blood clots block veins or arteries and can be life-threatening, such as a stroke or heart attack.)

Embalmers see the same thing. Richard Hirschman has been an embalmer for over 20 years. In 2021, he started noticing very abnormal blood clots that he had never seen before. In Jan 2022, **65% of his cases exhibited these clots.**

What we have here is obscene. It's the kind of material horror movies are made of. When you create so much harm, you have to lie. The FDA lives with lies and always has. The problem with telling lies is that you have to tell more lies and never stop telling them.



Digging Their Graves Deeper Over Chlorine Dioxide

The FDA digs deeper into total nastiness by keeping the safest medicines from the public while hammering away people's health and peace of mind with horrific vaccines. As I have said elsewhere, the FDA hates chlorine dioxide.

The U.S. Food and Drug Administration has issued a warning letter to a seller that markets fraudulent and dangerous chlorine dioxide products known as "Miracle Mineral Solution" for the prevention and treatment of "Novel Coronavirus Disease 2019" (COVID-19). The FDA has previously warned consumers not to purchase or drink chlorine dioxide products sold online as medical treatments. The agency is not aware of any scientific evidence supporting their safety or effectiveness, and *they pose significant risks to patient health*. The FDA is taking this action to protect Americans in response to the global COVID-19 pandemic.

I am in touch with thousands of people who only praise chlorine dioxide's positive health effects. Campers have used it for decades to purify and drink water safely, so it is tough to read their words with respect.

"Despite previous warnings, the FDA is concerned that we are still seeing chlorine dioxide products being sold with misleading claims that they are *safe and effective for the treatment of diseases, now including COVID-19*. The sale of these products can jeopardize a person's health and *delay proper medical treatment*," said FDA Commissioner Stephen M. Hahn, M.D. "We continue to take action and keep up our efforts to monitor fraudulent treatments during this public health emergency and remind the public to seek medical help from their health care providers."

Of course, the health care providers will strongly suggest you vaccinate and vaccinate again until you are a sick, dead dog. FDA vaccine officials would not know a proper medical treatment if their lives depended on it. It is sickening to see them champion dangerous vaccines, hurting adults and children alike. Who are they, drug dealers of poisons (pharmaceutical medicines), to speak so unfairly against a miracle molecule, which is precisely what chlorine dioxide is?

Conclusion

"Public health authorities gave a \$17,000 bonus to hospitals for each course of remdesivir and additional cash for reporting deaths as Covid-related. Quite a racket. The net result is hundreds of thousands of deaths from mass medical malpractice, and ultimately the ruin of the entire racketeering-based U.S. medical system." Unfortunately, criminal doctors do not know how to practice medicine and have forgotten their Hippocratic Oaths.

Ordinary people need to wake up to the horrific deads of the western medical-industrial complex. Like the French stormed the Bastille, Americans must surround the FDA New York office. We are not dealing with just the enemies of Americans who would love to start experimenting on babies with these genetic injections. They are already doing precisely that. The vaccine committee at the FDA are enemies of the global population, for others take their lead from the FDA.

ⁱ Journal of Applied Biological Chemistry. Volume 59 Issue 1 / Pages.31-36 / 2016 / 1976-0442(pISSN) / 2234-7941(eISSN)

ⁱⁱ Patent No: US 10,105,389 B1 October 23, 2018 Method and Compositions for Treating Cancerous Tumors

ⁱⁱⁱ Always start with the base of the problem which in the case of Candida and parasites is the toxic heavy metals. You can't get rid of chronic candida or parasites if you have heavy metal toxicity. Parasitic infestations are more common than we realize; candida and heavy metals create acidity and an anaerobic (lacking oxygen) environment they thrive in.

A reason for why candida and parasites takeover in the presence of heavy metal toxicity is that these infections actually protect us from cellular damage and potentially fatal complications of heavy metal poisoning. So from this perspective candida and parasites are actually our friends, and although they cause a whole host of annoying symptoms they are actually the lesser of two evils in this sense.

When people kill candida with anti-fungals, the die off symptoms that are experienced are partly the result of the release of heavy metals into the body which overwhelms the liver and cannot be excreted fast enough. This is why detoxing heavy metals first or along with killing candida and parasites is imperative. If you do not, you risk releasing a lot of toxic metals redistributing throughout the body.

Candida is an response to heavy metal poisoning, especially mercury. It absorbs its weight in mercury and prevents it from entering your bloodstream. As long as the mercury is there, you will have a candida problem

iv Geiger H, Wanner C. Magnesium in disease. Clin Kidney J. 2012; 5(Suppl 1), i25-i38.

v Magnesium and inflammation: lessons from animal models] Clin Calcium. 2005 Feb;15(2):245-8. Review. Japanese. PMID: 15692164 [PubMed – indexed for MEDLINE

vi 2009 Reference: http://www.prevention.com/cda/article/magnesium-chills-inflammation/9c9150d1fa803110VgnVCM10000013281eac_/health/healthy.living.centers/heart.conditions

vii Mazur A, Maier JA, Rock E, Gueux E, Nowacki W, Rayssiguier Y. Magnesium and the inflammatory response: Potential physiopathological implications. Arch Biochem Biophys. 2006 Apr 19; PMID: 16712775 Equipe Stress Metabolique et Micronutriments, Unite de Nutrition Humaine UMR 1019, Centre de Recherche en Nutrition Humaine d'Auvergne, INRA, Theix, St. Genes Champanelle, France. Arch Biochem Biophys. 2006 Apr 19 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=16712775&itool=iconabstr&query_hl=2&itool=pubmed_docsum

viii Kenyo, A.J.; Hamilton, S.G.; Douglas, D.M., Controlled Wound Repair By Antimicrobials That Alter Fibroplasia, Amer. Assn. For Laboratory Animal Science, 34th Annual Session Nov. 6-11, 1983.

ix Kenyon, A.J.; Hamilton, S.G., Wound Healing Studied with Alcide: a Topical Sterilant, Amer. Society of Biol. Chemists 74th Annual Meeting, San Francisco, CA June 5-9, 1983.

x Origin of the Bicarbonate Stimulation of Torpedo Electric Organ Synaptic Vesicle ATPase. Joan E. Rothlein 1 Stanley M. Parsons. Department of Chemistry and the Marine Science Institute, University of California, Santa Barbara, Santa Barbara, California, U.S.A.

xi Doctors for Covid Ethics, (2021) Leaky Blood Vessels: An Unknown Danger of COVID-19 Vaccination.

xii Bhakdi, S. et al. (2021) Letter to Physicians: Four New Scientific Discoveries Regarding COVID-19 Immunity and Vaccines—Implications for Safety and Efficacy.

xiii J Psychosoc Oncol. 2005;23(2-3):137-57. Examining the influence of coping with pain on depression, anxiety, and fatigue among women with breast cancer.

xiv <http://news.stanford.edu/news/2000/june28/breast-628.html>

xv Eby GA, Eby KL. (2006). Rapid recovery from major depression using magnesium treatment. Med Hypotheses. 2006 67(2), 362-70

xvi Pearlstein T, Steiner M. Non-Antidepressant treatment of premenstrual syndrome. Clinical Psychiatry. 2000; 61(12): 22-7.

xvii Starobad-Hermelin B, Kozielc T. The effects of magnesium physiological supplementation on hyperactive disorder (ADHD). Magnes Res. 1997; 10: 149-156.

xviii Izenwasser SE et al. Stimulant-like effects of magnesium on aggression in mice. Pharmacol Biochem Behav 25(6):1195-9, 1986.

xix Henrotte JG. Type A behavior and magnesium metabolism. Magnesium 5:201-10, 1986.

-
- ^{xx} Bennett CPW, McEwen LM, McEwen HC, Rose EL. The Shipley Project: treating food allergy to prevent criminal behaviour in community settings. *J Nutr Environ Med* 8:77-83, 1998.
- ^{xxi} Kirow GK, Birch NJ, Steadman P, Ramsey RG. Plasma magnesium levels in a population of psychiatric patients: correlation with symptoms. *Neuropsychobiology* 30(2-3):73-8, 1994.
- ^{xxii} Kantak KM. Magnesium deficiency alters aggressive behavior and catecholamine function. *Behav Neurosci* 102(2):304-11, 1988
- ^{xxiii} Buist RA. Anxiety neurosis: The lactate connection. *Int Clin Nutr Rev* 5:1-4, 1985.
- ^{xxiv} Seelig MS, Berger AR, Spieholz N. Latent tetany and anxiety, marginal Mg deficit, and normocalcemia. *Dis Nerv Syst* 36:461-5, 1975.
- ^{xxv} Durlach J, Durlach V, Bac P, et al. Magnesium and therapeutics. *Magnes Res* 7(3/4):313-28, 1994.
- ^{xxvi} Durlach J. Clinical aspects of chronic magnesium deficiency, in MS Seelig, Ed. *Magnesium in Health and Disease*. New York, Spectrum Publications, 1980.
- ^{xxvii} Kozielec T, Starobrat-Hermelin B. Assessment of magnesium levels in children with attention deficit hyperactivity disorder (ADHD). *Magnes Res* 10(2):143-8, 1997.
- ^{xxviii} Kozielec T, Starobrat-Hermelin B. Assessment of magnesium levels in children with attention deficit hyperactivity disorder (ADHD). *Magnes Res* 10(2):143-8, 1997.
- ^{xxix} Starobrat-Hermelin B, Kozielec T. The effects of magnesium physiological supplementation on hyperactivity in children with attention deficit hyperactivity disorder (ADHD). Positive response to magnesium oral loading test. *Magnes Res* 10(2):149-56, 1997.
- ^{xxx} George MS, Rosenstein D, Rubinow DR, et al. CSF magnesium in affective disorder: lack of correlation with clinical course of treatment. *Psychiatry Res* 51(2):139-46, 1994.
- ^{xxxi} Kirov GK, Birch NJ, Steadman P, Ramsey RG. Plasma magnesium levels in a population of psychiatric patients: correlations with symptoms. *Neuropsychobiology* 1994;30(2-3):73-8, 1994.
- ^{xxxii} Linder J et al. Calcium and magnesium concentrations in affective disorder: Difference between plasma and serum in relation to symptoms. *Acta Psychiatr Scand* 80:527-37, 1989
- ^{xxxiii} Frazer A et al. Plasma and erythrocyte electrolytes in affective disorders. *J Affect Disord* 5(2):103-13, 1983.
- ^{xxxiv} Bjorom N. Electrolytes in blood in endogenous depression. *Acta Psychiatr Scand* 48:59-68, 1972.
- ^{xxxv} Cade JFJA. A significant elevation of plasma magnesium levels in schizophrenia and depressive states. *Med J Aust* 1:195-6, 1964.
- ^{xxxvi} Levine J, Rapoport A, Mashiah M, Dolev E. Serum and cerebrospinal levels of calcium and magnesium in acute versus remitted schizophrenic patients. *Neuropsychobiology* 33(4):169-72, 1996.
- ^{xxxvii} Kanofsky JD et al. Is iatrogenic hypomagnesemia common in schizophrenia? Abstract. *J Am Coll Nutr* 10(5):537, 1991.
- ^{xxxviii} Kirov GK, Tsachev KN. Magnesium, schizophrenia and manic-depressive disease. *Neuropsychobiology* 23(2):79-81, 1990.
- ^{xxxix} Chhatre SM et al. Serum magnesium levels in schizophrenia. *Ind J Med Sci* 39(11):259-61, 1985.
- ^{xl} Banki CM, Vojnik M, Papp Z, Balla KZ, Arato M. Cerebrospinal fluid magnesium and calcium related to amine metabolites, diagnosis, and suicide attempts. *Biol Psychiatry*. 1985 Feb;20(2):163-71.
- ^{xli} Banki CM, Vojnik M, Papp Z, Balla KZ, Arato M. Cerebrospinal fluid magnesium and calcium related to amine metabolites, diagnosis, and suicide attempts. *Biol Psychiatry*. 1985 Feb;20(2):163-71.

^{xlii} American Chemical Society (2006, September 29). Mercury Compound Found In Fish Damages Pancreatic Cells. ScienceDaily. Retrieved June 27, 2011
<http://www.sciencedaily.com/releases/2006/09/060925114107.htm>

^{xliii} Cancer, Oxidative Stress, and Metastasis. Cold Spring Harb Symp Quant Biol. 2016;81:163-175. doi: 10.1101/sqb.2016.81.030791. Epub 2017 Jan 12.

^{xliv} **CO₂ protects the Mitochondria.** Magnesium and bicarbonate together work to combat the drop in energy within the mitochondria during constant bombardment from toxins. First, magnesium bicarbonate protects the natural organic and inorganic phosphate buffers in the cytoplasm of cells. Second, magnesium bicarbonate neutralizes the acid produced as a result of metabolic processes and ATP hydrolysis. This allows more ATP to be hydrolyzed or more energy to be made. Magnesium bicarbonate buffers the mitochondria in body cells from excess acid concentrations, which improves mitochondrial function and increases ATP.

^{xlv} According to Dr. Harold Foster, death rates in the USA for cancer are lower when blood selenium levels are high. One important study found that high blood levels of selenium are associated with a four- to fivefold decrease in the risk of prostate cancer. Scientists at Stanford University studied 52 men who had prostate cancer and compared them to 96 men who didn't.[3] One surprising finding was that blood levels of selenium generally decreased with age. It is well known that the risk of prostate cancer increases dramatically as one ages. Lipid Replacement Therapy (LRT) can restore and help maintain mitochondrial membrane function by replacing damaged mitochondrial membranes so the perfect form of selenium would have selenium bonded to a lipid. This form was developed by a surgeon in New York who used to inject it to treat cancer.