

Guillermou

An excellent report on Lyme disease, and the protocol of Dr. Dietrich Klinghardt one of the great authorities on this disease. As Dr. Mercola reports, Lyme disease is the fastest growing infectious disease in the United States and Western Europe. Climate change, with warmer winters, seems to encourage the reproduction of ticks and help them live in more parts of the United States. Some researchers estimate that global warming has increased the reproduction of ticks up to twice in the USA, and up to five times in Canada. This link is very complete, it is reported: 1. Tests for Lyme. 2. Gut and Lyme. 3. Lyme disease and coinfections. 4. Overgrowth of Lyme and Candida. 5. Lyme disease and amalgam fillings, vaccines and other toxic compounds. 6. Supplements, herbs used to kill Lyme. These herbs as a whole are antiviral, antibacterial and antifungal, antioxidant, anti-inflammatory, increases the immune system, slows tumor growth, helps prevent and reverse many pathologies associated with Lyme: Turmeric, Astragalus, Berberine, Black Walnut, Cloves, Garlic, Goldenseal, Mushrooms, Neem Oil of Oregano Pau D'Arco. Enzimas: Hemicelulasa, proteasa y Cellulase pueden disolver Biofilms del Lyme y quistes de Lyme, que protegen a las bacterias.

Supplements To Kill Lyme and Everything Else You Ever Wanted To Know About Lyme Disease

www.organiclifestylemagazine.com/best-supplements-to-kill-lyme-and-eve..

It is also important to consider the supplements recommended by Dr. Mercola in his monograph on Lyme disease: Astaxanthin, probiotics, grapefruit seed extract, krill oil, cilantro, resveratrol, quercetin, whey protein concentrate, andrographis and artemisinin, curcumin, GABA and melatonin, CoQ10, and transfer factors. Lyme Disease Treatment Strategies. articles.mercola.com/.../treatment.aspx

Posted On 08/22/2018

Guillermou

With Lyme disease there is a huge amount of unwanted waste. Strict control of enzymatic activity is essential for homeostasis. The importance of proteolytic enzymes is important in your Lyme fight. SERRAPEPTASE to relieve pain, reduce inflammation and destroy pathogens, dissolves dead tissues Lyme disease will create biofilms that produce painful joints. Enzymes are suggested as one of the best options to bust the biofilms that cause painful joints in Lyme disease. Dr. Lee Cowden uses Serrapeptase in his protocol to dissolve the fibrin layer surrounding the bacteria www.tiredoflyme.com/the-cowden-protocol-for-lyme-disease.html

Enzyme therapy helps in Lyme disease. Enzymes are necessary to stimulate the immune system, decrease inflammation, production of energy, regulate hormones, decrease the aging process, through good cell regeneration. Proteolytic enzymes are commonly used for the following functions: reduce inflammation, clean blood from debris, dissolve fibrin and reduce blood clots, potentiate and modulate the immune system, avoiding autoimmune reactions, kill bacteria, viruses, molds and fungi associated with Lyme disease. Enzyme therapy decreases inflammation, and modulates the defense powers of killer, natural and macrophage cells and counteracts pro-inflammatory cytokines, including tumor necrosis factor (TNF), and C-reactive protein (CRP), and the tumor growth factor-beta. The antioxidant enzymes, reduce the reactive oxygen species that damage the DNA, and are the beginning of the expression of oncogenes, promoters of cancer.

Digestive enzymes, which are in raw, fermented and sprouted foods, and help with food digestion, promote the immune system, when our food is healthy and combined with periods of fasting, improving the overall energy of the body. Three of the best proteolytic enzymes of plant origin include papain, bromelain and rutin. Also, enzymes from animals such as chymotrypsin, pancreatin and trypsin can be added to the feed.

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Beta glucan is an antioxidant and an immunomodulator of excessive inflammation caused by Lyme disease, in addition to many other diseases. Beta glucan activates the cells of the immune system known as macrophages, which are large white blood cells that play a critical role in healthy immune function. According to Trevor Marshall, Ph.D., the cell wall of deficient Lyme disease bacteria can actually invade and colonize macrophages. Beta glucans modulate the activity of immune cells known as macrophages, B cells, T cells, and NK cells, which are the cells that are responsible for fighting viruses, bacteria and microbes, increasing interferon production and reducing proinflammatory cytokines. In this Lyme disease educational resources link there is a lot of information available about supplements, books, research topics and discussion forums. Beta Glucan for treating Lyme Disease www.chroniclymedisease.com/beta-glucan

Know Your Beta Glucan Sources & Why It's Important. drericz.com/beta-glucan-sources

Beta glucan to strengthen the immune system. www.cancertutor.com/beta-glucan Beta-glucanos pueden ser el inmunomodulador natural más importante conocido. Los Beta-glucanos insolubles (1,3 / 1,6), de los hongos son mas efectivos que los de los granos como la avena.

lifestreamgroup.com/.../immunomodulation.pdf

Interesting master class on beta-glucans 1'3 and 1'6 by the doctor and scientist of nutrition Paul Clayton. <https://youtu.be/Cny3TmiyWt0>

Medicinal Mushrooms www.superbetaglucan.com/.../medicinal-mushrooms

Beta-glucans: The Medicinal Actives of Mushrooms www.fxmedicine.com.au/blog-post/beta-glucans-medicinal-actives-mushroo..

Preparation, characterization, and biological properties of β -glucans www.ncbi.nlm.nih.gov/.../PMC3217690

Posted On 08/22/2018

pisces

I am still searching for this link I buried somewhere about a very well documented article on treating Lyme with Oregano Oil. If I find it, I'll get back with you all, but while the researcher had spelled out how complete eradication typically required two, if not three concurrent (I believe) administrations of different antibiotics, he claimed Oregano had a 100% kill rate as compared with the other treatment plans.

It was a very long, very dense publication and not within the genre of online medical DIY articles. As is typical, the researcher had to stop before making any human dosing recommendations.

Posted On 08/22/2018

Guillermou

Very good information, PISCES. Wild oregano oil is the effective therapeutic agent for the natural treatment of Lyme disease through the dissolution of the biofilm. For more than five years through the book "Healing Lyme Disease", as well as clinical experience, it has been determined that essential oils rich in phenolic compounds are the most effective treatment therapies for Lyme disease.

This has been confirmed by a recent scientific study by J. S. Zhang Feng and, together with other researchers, in which the Lyme bacillus was specifically treated with various essential oils. Here, the researchers determined, oregano oil was highly aggressive in destroying the Lyme biofilm layer, as well as cinnamon and clove oils, are the most potent of all the oils tested. After the destruction of the protective layer of oregano, cinnamon, cloves and oils caused the complete destruction of the germs. Of these, however, oregano oil was more potent, which was attributed to the rich content of the highly antiseptic phenolic compound, carvacrol. The complete article with the references in this link.

Lyme Can Be Killed. New Research Shows Oregano Oil Dissolves Biofilm. Breaking news: Carvacrol and other Naturally Occurring Phenolic Compounds Dissolve Lyme Biofilm Layers, Killing Deadly Pathogens cassingram.com/oreganol-clove-cinnamon-lyme-disease

Posted On 08/23/2018

19beets

I have fibromyalgia, diagnosed 23 years ago by Mayo Clinic. I've been tested for Lyme a couple of times but always negative. The fatigue of fibro is debilitating and inhuman, but the widespread pain is unbearable. Ten years into fibro, I was gene tested and found to be gluten-intolerant. Once I stopped eating gluten and dairy, my pain vanished ... after a few days! That's not to say I don't have Lyme. It's possible the infection has triggered a modification in the gene.

Posted On 08/22/2018

Guillermou

Hi beets. The perception of celiac disease has changed from a rare enteropathy to a common multiorgan disease with a strong genetic predisposition, which is mainly associated with the human leukocyte antigen HLA-DQ2 and HLA-DQ8. The diagnosis of celiac disease has changed, as a result of the availability of specific antibody tests for celiac disease, based mainly on TG2, and of specific genetic tests for the human leukocyte antigens HLA-DQ2 and HLA-DQ8.

1. Serology: presence of antibodies specific to celiac disease Antibodies specific to celiac disease include autoantibodies against tissue transglutaminase type 2 (TG2), including endomysial antibodies (EMA), and antibodies against deamidated forms of gliadin peptides (PGD).

2. Genetics: HLA-DQ2 or HLA-DQ8 haplotypes The genes linked with celiac disease are those of the HLA system, especially two of them, the DQ2 and the DQ8. Specifically, the DQ2 is estimated to be present in more than 95% of the celiac patients, while the DQ8 is only slightly more than 5%. The majority of celiac patients present either DQ2, DQ8. or the two genes. The sample of cells of the buccal mucosa. If you have one of the two genes that mediate celiac disease (or 2), you can develop it at some point in your life. About 30% of the population has a genetic base compatible with celiac disease, although only 3% develops it. This may be due to environmental factors, such as lifestyle, associated diseases, or your own gluten intake.

Posted On 08/22/2018

HealthiestChoices

19beets ~ What an encouraging story, although apparently, you are still having some problems. I will add another note of encouragement. A friend of a friend who had fibro so badly she had been confined to a wheelchair, was told about the Keto diet. She decided to try it, as her condition was very, very serious. I don't know how long it took, but she diligently followed all she was told by her caregiver, and is not only out of the wheelchair, but walking and healthy once again.

Sadly, I've been trying to help a friend (actually we grew up together - small town) who has been suffering from fibromyalgia for several yrs. I had asked her first if she would be willing to try changing her diet, as I don't want to just push things at anyone. She said she'd be willing to give anything a try.

I spent many hrs. last yr. emailing her so many sites (including this one, of course) along with lots of personal notes and suggestions I'd heard about, recipes, foods to avoid - gluten & sugar at the top, and more. Our graduating class meets for breakfast every couple months, and most times she can't attend due to all the pain. She's on meds that aren't helping at all, and her husband, my cousin, tells me it's become worse. I suspect she may have discussed this with her Dr. who probably told her diet changes won't make any difference.

When I saw her a few months ago, I asked her if she'd tried any of the suggestions. She said, "Not very much...it's so hard giving up some of your favorite foods." I feel sorry for her but at the same time, discouraged, as I've known many people who when suffering so badly, are willing to TRY anything, including giving up the foods that are probably causing it.

If it's okay with you, I'm going to copy your post to send her, as another positive about how foods CAN make a difference. Thanks for posting.

Posted On 08/22/2018

19beets

Guillermou, Thx for your fine insights as always. Dr. Kenneth Fine, whose lab Enterolab gene tested me, has an enlightening article on his site. He basically says in a nutshell that celiac disease appears when damage has already been done to the small intestine. If a biopsy doesn't show celiac, it could mean one of 2 things: 1. the villi haven't yet been damaged to the extent of showing celiac (flattened villi that can't absorb nutrients) or 2. the tester didn't grab a defunct group of villi (celiac generally shows in patches, some areas unaffected, some affected). The once "gold standard" is now questionable because of these varying areas.

Healthiest Choices, By all means, send my note to your friend and, if you want to friend me on this site, I would be glad to connect with her if she's interested via email or otherwise. The molecules we put in our bodies either help us or hurt us. Diet is so important! I highly recommend DANGEROUS GRAINS by Braly & Hoggan. If she checks out Appendix D, she'll find 187 conditions caused by or exacerbated by gluten (from studies). It's wicked for anyone with fibro as is cow dairy (sheep & goat OK).

Posted On 08/22/2018

juststeve

Won the Lyme Lottery, it was icing on the cake as side affects from COPD med's & treatment for pneumonia messed up my metabolism, but it was the antibiotics to fight the Lyme that were the final straw. They tore my digestive tract up big time. It has been Doc's Spore restore and probiotics & this websites information that healed me up. Following the Fat for Fuel as best as my limited resources allow has resulted in a 50 pound loss & far greater mobility with more energy. Thanks Doc!!! (Wonder if fasting removes the unwanted waste Gui is talking about?)

Posted On 08/22/2018

Guillermou

Hi Just, as you know, Dr. Mercola in many articles has treated fasting and autophagy. Fasting initiates autophagy, eliminating damaged tissue, and defective cells, cleaning and recycling and promoting the production of mitochondrial energy. Fasting reduces the pain and symptoms related to inflammation common in Lyme disease and promotes restoration of vitality and healing of damaged tissue, with the regeneration of regenerative stem cells.

Autophagy can increase the extension of life and reduce chronic and degenerative diseases. Autophagy captures proteins and intracellular organelles and degrades them in lysosomes. Degradation products are recycled, to support mitochondrial metabolic function and energy homeostasis europepmc.org/.../pmc5521269

The broad immunological functions of autophagy encompass the innate and adaptive immunity that are often manifested in inflammatory diseases. Autophagy is the protection against microbial invasion, through the direct elimination of intracellular pathogens, inhibiting inflammatory responses, including autoimmune disorders and increasing the power of the cells responsible for the defense against the invader. www.jci.org/.../73945

The activation of AMPK increased "mitochondrial biogenesis", and accelerated aging, and potentiates mitophagy www.ncbi.nlm.nih.gov/.../PMC4028332

The activation of AMPK is fundamental in the immune system, boosting the capacity of the immune system to kill the invading bacteria and viruses. (2017) link.springer.com/.../s11427-017-9169-6 .

Berberine, curcumin, Epigallocatechin-3-gallate, vitamin D, ginger, resveratrol, exercise, calorie restriction, lipoic acid, quercetin, apigenin, carnitine, fish oil, ginseng, etc. increase AMPK, as reported by Dr. Mercola, and are detailed in this link 17 AMPK Benefits + Natural Supplements to Activate AMPK www.selfhacked.com/.../natural-ampk-activators

Posted On 08/22/2018

Islander

Things that should be noted, that this article didn't mention:

- not all ticks are carriers of disease. Percentages will vary and are hard to establish from one location or another, but be advised that simply because you've been bitten by a tick doesn't automatically mean you're infected.
- once a tick is attached, it may be 24 hours or more before it begins feeding.
- remove an attached tick with a pair of tweezers, as close to the skin as possible. Pull straight out; don't twist. Drop it into a container with alcohol. It can be tested to determine whether it's a carrier.
- notify your doctor if you've been bitten. If treated immediately, a single dose of Doxycycline (one pill, a couple of bucks) will take care of any infection.

Finally, a cautionary note. Mice are vectors for deer ticks. A product is available to kill ticks on mice, and instructions are available on line to make this yourself. It consists of infusing cotton balls or the lint from clothes dryers with insecticide and stuffing them into toilet paper rolls, which are then placed where mice are likely to frequent. The intent is that they will take the treated contents to line their nests, thus killing any ticks on the mice and their offspring. What troubles me: I have cats that are excellent mousers. They keep my property free of rodents. My fear is that one of my cats will kill and eat a treated mouse, poisoning itself. What are the odds? I have no idea. I'm just reluctant to take a chance.

Posted On 08/20/2018

bowgirl

Additionally, ticks carry many other diseases beyond Lyme. Multiple co-infections can give varying symptoms, making diagnosis even more difficult. Some co-infections require different antibiotics or other drugs to cure or manage. Ticks may not be the only vector for human infection. I have fence and hedge preventing deer on my property and two killer cats and multiple traps set all the time to manage mice and other rodents. I also have hens roaming the entire fenced area. No bug is safe with my girls!

Posted On 08/22/2018

Islander

All true, Bowgirl.

I live in rural Maine and I have an apple orchard. Deer are just a fact of life here. OTOH, we're in the midst of serious drought (I may be without running water again this winter) and consequently, I haven't seen a tick all summer!

Posted On 08/22/2018

Guillermou

Good information Islander and bowgirl. Recognition of *B. burgdorferi*, activation of the innate immune system, production of proinflammatory cytokines, and modulation of host adaptation responses are all initiated by Toll-like receptors (TLRs). Specifically, TLR1 and TLR2 were identified as the most relevant receptors for Lyme disease. Several functional single-nucleotide polymorphisms have been identified in TLR genes, and are associated with different cytokine types, altered pathogen recognition, and disruption of the signaling cascade. These functional alterations related polymorphism of a single nucleotide are postulated to be linked to the development of the disease. Toll-like receptor cascade and gene polymorphism in host-pathogen interaction in Lyme disease (2016) www.ncbi.nlm.nih.gov/.../PMC4898433

One study identified rs5743708 as a potentially protective variant against the progression of Lyme disease. This study examined 155 patients with Lyme disease with controls of it and it was found that the rs5743708 polymorphism can influence the progression of the disease. www.ncbi.nlm.nih.gov/.../16081826

One study implicated rs5743618 in the progression of Lyme disease. The authors examined 248 patients with Lyme disease and found that homozygous GG individuals may be more likely to develop Lyme arthritis. www.ncbi.nlm.nih.gov/.../22246581

A very complete study on the genes associated with the Mitochondrial Function, methylation, Detoxification, Excess Glutamate that Creates More Peroxynitrite, Excess Ammonia, Fenton Reaction & Iron Oxidation and Impaired DNA Repair, in Lyme disease. Higher Levels of Genetic Variants (SNPs) Found in those with Chronic Lyme Disease. Robert Miller CTN NutriGenetic Research Institute, Ephrata, PA, United States (2016) www.nutrigeneticresearch.org/wp-content/uploads/2016/07/NGRI_Chronic-L..

Posted On 08/22/2018

datadragon

Biofilm is a slimy substance that *Borrelia Burgdorferi* generates to shield itself from the immune system which is the body's antibody generator, as well as shielding from antibiotics. *Borrelia* unfortunately can also hide in other microbes' biofilm and vice versa. Fibrin is the basic building material used for generating biofilm. A biofilm is designed to adhere to human tissue where damage to the tissue and inflammation occur. The Western Blot and Elisa Test use antibodies as an indication for Lyme Disease. So if no antibodies are created from the biofilm, tests will yield negative results despite having full-blown Lyme Disease. Antibiotics, conventional or holistic, can only kill the bacteria when it is exposed. If *Borrelia* is concealed within a biofilm, antibiotics have no way of penetrating and become ineffective. In order for antibiotics to kill the bacteria that resides within a biofilm, it will require the assistance of a biofilm dissolver. Serrapeptase is an enzyme produced by bacteria in the intestines of silkworms.

The enzyme only dissolves dead or damaged tissue such as Fibrin, the building blocks for Biofilm. Once the enzyme dissolves the fibrin, *Borrelia* is exposed to antibiotics and the immune system. Lumbrokinase - Lumbrokinase is an enzyme produced by earthworms. It is commonly used for breaking up biofilm by dissolving the fibrin. The issues seem to be that once it's exposed, you need to have a treatment also in place in combination or else you are simply freeing the infection to spread to other areas.

www.tiredoflyme.com/biofilm.html Mercury toxicity is also mentioned frequently in those with Lyme which needs to be dealt with during treatment.

Posted On 08/22/2018

Lydia34

There is a lab downwind from Lyme Connecticut where they were working with the tick from Texas perhaps without good control. It is on Plum Island. This was where some of the scientists brought over from Germany after the second world war were continuing the research into germ warfare. Very interesting historical stuff not very openly talked about around all of this.

Posted On 08/22/2018

deb3823

I live in the Blue Ridge Mountains, at the base of a trail. We are on that trail nearly every day. I've used homeopathic tick tags on my dogs and they have had no ticks since I started using these. I also use a homemade flea and tick spray made with essential oils. I, however, ended up with three ticks in a one month period. One was so embedded on my shoulder that it took a hunk of skin with it when removed. Identification by TickSpotters online indicated it had probably been feeding for three days! When my dogs have gotten a tick (usually because I waited too long to put on their new tags, or spray them before we go into heavily tick-infested areas), or when I have them on me, I've immediately started following Joette Calabrese's homeopathic anti-Lyme disease protocol, using *Ledum palustre* 200c, which I ALWAYS keep on hand. All I can tell you is that, knock on wood, neither I, nor any of my dogs, have contracted Lyme disease. I personally attribute this to the immediate use of *Ledum Palustre*, but obviously, I have no scientific proof of this.

Posted On 08/22/2018

njlady

Was diagnosed with fibromyalgia.... 20 yrs later, with lyme...so which one is the culprit that makes me feel so bad? I remember all the early symptoms I had in the 90's (no bull's eye), but no one was talking about lyme's back then...don't think all those supplements will help after all this time. Wish more MDs would become lyme educated. It is useless to continually self medicate with supplements when it is all hit or miss. Lots of time and money spent for zero improvement.

Posted On 08/22/2018

abe5680

Anyway, you might ignore my comments - 2 parts - because I don't have any letters after my name, but I thought I'd put it out there anyway in case it helps anyone. It would be interesting to try treating this by detoxing metals with relevant foods (possibly adding burdock root or even liquid zeolite); using lumbrokinase, serrapeptase, nattokinase etc. or other biofilm treatments; EMF protection; anti-viral foods, and cycling herbs that deal with viruses, or even colloidal silver with NO antibiotics. Looking at other patterns - stress management would be exceptionally important, because I've noticed people often get sick during or after big hormonal changes or stress of some description - all of which involve hormones. I've suffered from adrenal exhaustion, and I'm very in touch with my body - and I'm well.

If neurological symptoms are present I would also highly recommend adding at least methylcobalamin (or methylcobalamin/adenosylcobalamin). I've also drawn up lists of foods for each condition as well as for each type of virus and bacteria. According to this guy (who clearly knows little himself about medicine), favourite co-factors for EBV strains are strep A and B. The different "diseases/conditions" could just be variations depending on virus generation or stage, metal load (why these things run in families) and co-factors present (as well as other lesser factors). Anyway, that's my two-bob's worth - thought I'd at least put it out there for consideration.

Similar to something a lady mentioned on the comments, I don't think we can exactly ignore the fact that biological warfare may be a potential contributing factor. I've read that the Japanese weaponized "Lyme" in WWII and dropped it on you guys - and you have far more cases than anywhere else from what I've gathered. I've found wild oregano oil also to be very effective - I was bitten by a red back spider, and as soon as I worked this out 3 days later, I used that. Wishing better health for all

Posted On 08/22/2018

sma2126

The Japanese weaponized the plague I believe. The US weaponized Lyme on Plum Island. Lyme is on the biowarfare list in San Antonio and Galveston UTMB.

Posted On 08/23/2018

The guy with Lyme then got a girlfriend (as I used to chat to the patients while they waited). His girlfriend then also found herself with "Lyme Disease." This again made me think that this was more likely a virus rather than necessarily bacterial. So I formed a theory that various metals (particularly mercury) actually "fed" these viruses, and then connected more dots to realize that EMFs were likely exacerbating the issue. Do viruses "feed"? Not according to our current science, but it's strange how vaccinations almost always have metals (if not mercury, then aluminium), and the mercury is supposedly used as a "preservative."

Preserving what I asked myself? Clearly, the thing they would want to preserve would be the "attenuated" or otherwise virus! So this is what I worked out from piecing together lots of varied information. The numbers of people getting this certainly point to something viral too. Almost everyone has some form of EBV or other virus from the herpes family. What if we're just looking at different "generations" and stages of essentially the same thing and confusing ourselves because of the varying presentations of these diseases? The ultimate aim of this family of viruses is the Central Nervous System. Also "Lupus" is also known for forming a bulls-eye rash.

I've simply never bought the idea that "leaky gut" is behind so-called autoimmune conditions - I just do not believe that the body attacks itself. So, anyway, this is my theory, and I realize I'm a "nobody" (although I partially qualified as a naturopath and so successfully completed many subjects before I was forced to drop out due to caring responsibilities), but I am a dot-connector and highly intuitive. Then, AFTER forming this theory, I intuitively decided to read a book by a guy who claims to be a Medical Medium. I read his book (of the same name) and was blown away! He was saying the same thing. So I didn't just believe him because of his claims - it made perfect sense.

Posted On 08/22/2018

Interesting critical thinking. I would never bother with a medical medium, however, an MD/PhD researcher proposed Lyme was a virus with Bb DNA incorporated, ie; altered in a lab. A chimera or some such. He had a test to determine if one had the Lyme 'virus' by examining the cells looking for type of foaming inside the cell, cannot recall the details. Well, the medical boards raided his California clinic and put him out of business. He was maligned as a quack. He left the country. He then got involved in Lyme Autism in children. His latest gig made no sense to me but I believe once you are attacked by medical boards after having discovered something the CDC does not want discovered, your career is over. He may have even been made to make himself look silly with his latest endeavor-energized water called Kalea. This energized water can be made active by using magnesium and various other ingredients. When he proposed putting a glass of water in a room full of people doing yoga to get the water energized I knew he was no longer able to do any kind of meaningful research.

He was treating Lyme patients with low dose biaxin and minocycline to block viral mitochondrial functions in the virus. This was back in 2001. If Bb is actually a virus with Bb DNA, then that is why antibiotics do not typically cure it. I read the comments and those who believe doxy will cure even early stage Lyme are mistaken. Doxy has been shown to cause I forms which create persistent bugs. The doxy 'forces' I-forms so you eventually end up with more Lyme bugs because when they convert to I-forms or cysts they are dormant, but if one turns to the cyst form after dormancy several more developed in the cyst and you have increased the bacterial or viral load. Syphilis does the same thing.

Alan MacDonald has shown in his research, Alzheimers can be caused by Lyme. Lida Mattman showed that Lyme also can cause Parkinson and named a strain found in Parkinson's patients *Borrelia parkinsonii*

Posted On 08/23/2018

I have been looking at this whole group of diseases for some time. I also watched a heart-wrenching documentary about Lyme Disease in Australia. When I was watching the poor folk writhing around in pain, it occurred to me that this disease had a VIRAL basis rather than a bacterial basis. We don't have a lot of deer in Australia. My suspicion formed that the likely culprit was one or a combination of the herpes virus family due to the way it acted. I suspect that the bacterial components are there as co-infections. I have close friends or family with ALS, MS, Fibromyalgia, Chronic Regional Pain Syndrome and more, and I have also successfully advised a young girl with Bell's Palsy (different virus in this case), but still viral at its root - she recovered completely in 3 weeks thanks to a strong immune system and a very dedicated mother - using ONLY foods I'd recommended.

So, it occurs to me that ALL of the "diseases" mentioned have all been labelled with different names, but actually have the same cause at the root - viral. I've also made the connection with metals and EMFs. Add stress or hormonal changes to the equation and you have the "perfect storm." I then thought back to when I worked at an "energy medicine" clinic where the practitioner treated patients using SCIO machinery. There was a patient there who had been diagnosed with Lyme Disease. The SCIO machinery was used to knock down the pathogens - and then a homeopathic preparation (made using the machine - vibrational) with a base that was specified for Epstein-Barr virus was used in addition. This treatment was working rather successfully (as the machinery was also knocking out likely co-infections. I therefore suspect that using antibiotics would be a very poor first move.

So - what if, I thought, the root cause of all these conditions was actually EBV. Given that viruses mutate like crazy, what if these are just different forms, stages, or mixtures of EBV?

Posted On 08/22/2018

SuziRider

So, you have read 'Medical Medium'? There is a whole chapter on Lyme Disease, and why so many people now test positive for it. Soundcloud App carries a long list of Anthony William's 'Medical Medium' 55 minute weekly radio broadcasts for free. They are very wordy (like his 4 books), but interesting: Per AW: Almost every chronic disease is all tied together and related back to HHV-family viruses, various heavy metal deposits in the body, diet, added physical, chemical, or emotional stressors (as triggers), plus a clogged liver-filter, so it is hard for him to speak of anything as an isolated subject. His radio show on MS says many are now being diagnosed with Lyme instead; they are somewhat interchangeable since the symptoms are almost the same. He also explains why many diagnosed with Lyme have never had a tick bite. AW says there are currently 60 strains of EBV, 30 of Shingles (which cause nerve pain, 'sciatica', & colitis), and many of HHV-6, which mostly attacks organs.

Posted On 08/25/2018

secretariat_203

I have a horse with Lyme's disease and we check his titer level every spring. It used to cause soreness in a leg and he would be quite lame. My vet used to treat him every year with a course of antibiotics followed by probiotics. In the last two or three years, however, he has been part of an experiment for a Lyme disease treatment, where his titer is tested and he is give a course of Lyme vaccine. His titer goes lower after this. It is part of a study being done at the University of Pennsylvania Vet school. I don't know if they are doing this for other animals such as dogs, which often get Lyme. If this is successful, perhaps one day it will work on people too.

Posted On 08/22/2018

sma2126

They already developed a Lyme vaccine called Lymerx. It caused autoimmune disease. Nevertheless, our worthless CDC has decided to rerelease this vaccine even after lawsuits and withdrawal from the market. Supposedly it is improved but still using the same antigens. No thanks.

Posted On 08/23/2018

Ambereyes

Mimosa pudica is also very efficient in treating Lyme disease and parasites.

Posted On 08/22/2018

dividingcricker

I have been using this bodybio minerals this has a copper in one of the Eight bottles ...you dose this by the dropCopper was used in several Texas University studies to kill pathogens especially spirochete diseasesPenn and Hersey did a bunch of research on the toxic effects of copper in humans and there assumption was copper was causing Alzheimer's.....but that was not the case in all studiesThey said 10mgs a day was a very safe amount.....I think these universities were researching a Lyme Disease type antibiotic.....maybeOf all the products of mineral types this bodybio seemed the safest with the copperis more a balanced approach and they have a testing kit you use by taste that a Texas Doctor developedThere are several youtube videos to explain

I read long ago that stevia was better than antibiotics to kill spirochete diseasesmaybe ...The spirochete eat or thrive on manganese a black iron ...this iron is in or foodsSome allergy meds seem to stop the uptake of manganese. Claratin sp? Was Researched but only in test tube use and was 50mg amountsThis illness can be mimicking the rare earth minerals used in antibiotics tooThese include Fluoroquinolone types that have black box warnings (CIPRO) is just oneThe other pharmaceutical are the MRI (DYE) Gadolinium both have the same simular symptoms.....google gadoliniumtoxicity ...This book LAB 257 I THINK THATS IT tells the history of Plum Island ...Elena Cook in England has a very good web that condenses this Lab 257 book

Posted On 08/22/2018

JanetMar

Care needs to be taken in choosing a manufacturer of lumbrokinase. Some companies simply grind up the entire earthworm, which can cause histamine reactions for some individuals.

The most effective biofilm dissolver I've used is Interfase, which contains all the enzymes needed to break the biofilm down.

Posted On 08/22/2018

davidle

We see ticks mainly in spring and not so much when it gets hot and dry.

Posted On 08/22/2018

gardenson

Because I live in the country and am outside much of the time, I use a rough scrubbie in the shower on my entire body every night. I gently scratch it over the surface with the water pouring over me. This is just in case I have some tick attached that I cannot see. It's not a foolproof method but I feel like it is an added thing I can do to avoid ticks. I wear peppermint essential oil on my body if I'm going outside in areas where there are tall grasses, or in the woods.

Posted On 08/22/2018

Testing for lyme is flawed and with the two-step recommended by cdc, most people will be identified as not infected. Even the western blot is subject to interpretation. The CDC claims that positive is determined if IgG has 5 bands testing positive. After following multiple pathogen infections over the course or years with quarterly blood tests including western blot plus 30+ other blood test diagnostics during treatment here are some observations:

1. The western blot (WB) test will reduce number of positive bands results over time associated with effective treatment (anecdotally tested stopping treatment for period finding WB results increased positive bands during this time. Note: Ask for all test results from doctor.
2. Various antibiotics targeting specific pathogens was very effective over a multiple year period, but requires a very strict regimen of high grade probiotics on the opposite times of day from when antibiotics are administered. If this is followed, all the side effects and claims of resistance did not occur in the case I monitored or the other families I have known fighting the disease. This also assumes that blood tests for the other potential pathogens are tested and prescribed.
3. Fungal infections such as Candida albicans have tested positive prior to antibiotic prescriptions administered and is also common with lyme infected patients that I knew. With antibiotics, this becomes another way for the pathogens to survive. This means probiotics are critical component of regimen even if no antibiotics are used.
4. A common thread with infected children is that all children that I knew were deficient in Vitamin D.
5. lumbrokinase is not something I would recommend for children, there is an antibiotic and other natural approaches for attacking cysts. When cysts bust open, there is possibility of mult pathogens released. The fight against multiple infections is increasingly common and a holistic approach increases the odds for getting better.

Posted On 08/22/2018

thenaturalgirl

www.paracelsus.com/biological-medicine/lyme-and-chronic-infections/lym..

Posted On 08/22/2018

jannasavostikova

I have been suffering from the Lyme disease about 20 years. I was diagnosed and have started treatment in 2013. The treatment started with antibiotics. As the long term antibiotics did not work, now my main treatment is high dose Gc-MAF and the full Cowden protocol. I also do a lot of detox (HBOT, lymphatic drainage, FIR sauna). Any type of detox results in an itchy skin rash, mainly on the face, chest and lymphatic vessels. Also all the Lyme symptoms get worse. What I can not understand is if it is a good sign or the bad one. If someone has experienced the similar reaction on detox please advise.

Posted On 08/22/2018

truthwillprevail

I do believe lyme is also sexually transmitted but no one talks about that.

Posted On 08/23/2018

wendy_owen

Lyme disease is also prevalent in Australia, but is not recognised here as a disease. People have to go overseas for treatment. Having said that, I don't know how effective medical treatment for Lyme disease is anyway...

Posted On 08/31/2018

rrealrose

Is it just me again? I loved the discussion of high dose vit C w quercetin, which recycles vit c giving the best of both! and the use of niacinamide vs nicain (I cannot stand the niacin flush, not yet anyway). Thanks again for the transcript Dr M!

Posted On 08/22/2018

DArcys

Reportedly many people have successfully cured themselves with the salt/vitamin C protocol, as described e. g. on <http://www.lymephot.com> and groups.yahoo.com/.../lymestrategies . Though it is probably better to use an unrefined (sea- or mined) salt rather than table salt. "... Taxifolin [aka Dihydroquercetin] is not mutagenic and less toxic than the related compound quercetin.[6] ..." (en.wikipedia.org/.../Dihydroquercetin)

Posted On 08/30/2018

rrealrose

DArcys, Interesting comment, thanks! Not that I know, do not have Lyme, however, high dose vit C plus quercetin may work to stabilize mast cells in the mucosal layer of the gut. This tidbit is discussed inside the autoimmune community, so I was surprised to hear Dr Klinghardt say he took vit c plus quercetin...regularly! Hmmm, makes me wonder what else this combination may be helpful for, as it appear quercetin restores or recycles spent vit C, extending vit C's effectiveness.

Posted On 08/30/2018

HealthiestChoices

In my July PP&L (Pennsylvania Power & Light) statement there was a paper with several topics which is normal. This one had a boxed area containing the heading: A DOSE OF TICK PREVENTION: It mentioned how PA has the dubious honor of being a perennial leader in Lyme disease cases in the U.S. Beneath that were a few of the usual suggestions about wearing light clothing, tucking in pant legs, taping shirt sleeves, and so on. Then it had the following statements: Products containing the insecticide permethrin can be used on things like boots, clothing and camping gear, but are not for use on your skin. Always use a repellent with DEET on your skin. !!!!!!!

Everyone in PA gets this information. I can't believe anyone would still be recommending DEET - especially applied to the skin. Above, Dr. Mercola does say if you use DEET to use only on clothes. I purchased Dr. Mercola's bug repellent and gave one to the guy who cuts my grass, as the property across the road has a thick hedge-row where there are deer and other wildlife and he not only wears shorts & tee shirt, but no skin protection. He thought I was being over-protective so I hope he's applying the repellent.

Posted On 08/22/2018
