

Recap of
Energy Medicine
2006 Annual Meeting
Lyme Disease and Other Neurotoxin Mediated Illnesses

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By Scott (www.BetterHealthGuy.com)

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Disclaimer: The information shared in this document is my own perspective of the information provided at the conference. The information may or not be entirely accurate and should be verified by the reader. As much as I have attempted to provide an accurate account of the events of this enlightening conference, errors may exist throughout this document. As always, you should consult your medical doctor prior to any changes in your treatment program. In conjunction with your medical doctor, I encourage you to do your own research and create your own path to wellness.

Important: Dr. Klinghardt's treatment approaches are tailored to an individual's needs. The protocols and options discussed may serve as useful information in support of your own healing journey. Treatment needs are different for every patient. They change from one week to the next. It is not my intent to suggest that the approaches mentioned are a solution for everyone.

Information in this document is based solely on personal notes and recollection of conference presenters. For official information from Dr. Klinghardt, visit www.neuraltherapy.com.

I absolutely recommend "[Lyme Disease – A Look Beyond Antibiotics](#)". This is a must-read for anyone with Lyme Disease in my opinion.

To report any errors in this document, the author may be reached at Scott@BetterHealthGuy.com.

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Introduction

If I have learned one thing over the past nearly nine years of illness, it is that there is not one path to healing – there are many. There are guidelines which may be useful to varying degrees, but each patient must work hard to enlighten themselves with knowledge about their condition and to find the path that makes the most sense in their unique case and for their unique body.

When I had my first introduction to EDS/EAV, I felt like I was on Star Trek. I don't even know how to put my feelings about my weekend with Dr. Klinghardt into words other than to say it was life shaping.

The conference was largely medical doctors and practitioners. There were fewer Lymies than practitioners by an order of magnitude. I found it refreshing to be in a roomful of open-minded practitioners. The first doctor I met arrived at the conference with his blue color-therapy glasses on. I just somehow can't see most of the doctors that I have worked with to date being this open to alternative therapies such as this. I was also very uplifted to see that some very conventional doctors were present at the conference as well. One in particular had never been exposed to Lyme Disease or to the treatment options that were being offered throughout the weekend. She was a plastic surgeon with a primary focus on breast reconstruction and augmentation and yet she was there with us spending her time to learn something new and expand her mind. I just loved her for that.

Overview

My first recommendation would be to **read everything there is to read on Dr. Klinghardt's site at www.neuraltherapy.com**. I started doing this almost immediately after having been diagnosed in July 2005. It takes some time to comprehend all of the information that is provided there and it is important to spend significant time with this information and determine if it is the right approach for your condition. Personally, the more I understand it, the more I believe in it and the more hope I have for recovering fully.

Many of the notes to follow may seem random, but they are points of interest that I noted throughout the conference. I hope that you will also find them to be useful.

There are 8 different genus of borrelia with many more different strains. Over 300 different types of Borrelia known. Spirochetes have been around and causing disease for over 30,000 years. Premature aging, cataracts, myopias, cancers, osteoporosis and many other conditions may be associated with Lyme Disease. Though these organisms have been with us for many thousands of years, they have only recently become more aggressive. This is likely due to various synergistic cofactors which have changed the milieu in such a way that the organisms now behave more aggressively.

In Dr. Klinghardt's work with autistic children, every single child has tested positive for Lyme Disease (via conventional Western Blot, not just ART for those that do not yet believe in ART or prefer more conventional data – I also like to see cold, hard data, but I do believe in ART....more on that later).

As recently as five years ago, USA Today had a front page article that claimed that 2 capsules of doxycycline cured Lyme Disease.

Dr. Klinghardt discussed 4 cases of anorexia encountered in Germany. All of the subjects were LD positive. Zinc + ABX became a treatment for anorexia in those cases.

American breast milk is now so toxic that it could not be flushed down the toilet if governmental standards for toxic wastes were applied. Chlorella can clean up the breast milk and may actually turn it green.

For schizophrenia, high doses of niacin have been helpful along with the Salt/C protocol. Niacin is also very helpful as an antibiotic for Lyme Disease.

Erratic behavior in some subjects has been due to parasites in the brain. Alinia is a new treatment which may be useful.

Lyme Disease worsens with lunar cycles. Many babies are asymptomatic until teens. Borrelia symptoms worsen at full moon and into new moon. Worms dance/copulate during the full moon.

Marshall Protocol has been largely disappointing for Lyme Disease.

There is no effective and proven way to kill cysts. Flagyl and Tinidazole only anecdotally work but Dr. Klinghardt does not generally find them to be highly useful. There is some information which may suggest that the amino acid cysteine may crack cysts better than Flagyl and Tinidazole but not enough information at this time.

It usually takes about 24 months before getting severe neuro-Lyme even though the bugs actually enter the brain within hours of infection.

Of several children with brain tumors tested in Germany, 90+% were LD + via Western Blot. 66% with MS test LD + via Western Blot on first test and with retest, goes up to near 100%.

MS is often Lyme + HHV8. ALS is often LD + mycoplasma + bartonella. Can often tell what the resulting condition may be based on what coinfections are on board.

There is evidence that Borrelia Burgdorferi is a man-made organism. Book "Lab 257" discusses this possibility.

Bb spirochetes go after the immune system. They can likely be transmitted sexually via the urethra. Spirochetes live off of our collagen and connective tissue.

Babesia, Bartonella, and Ehrlichia are all intracellular infections (inside the cell).

In Germany, Borrelia garinii very quickly causes paralysis from the neck down. Often have large portions of hospitals where these people are relegated.

"Crawling sensations" ARE often parasites or "insects".

Neurotoxic Illnesses are multi-factorial and include:

- Heavy Metals
- Environmental Illness (Mold/mycotoxins)
- Lyme Disease, co-infections, opportunistic infections

Organisms are highly evolved. Giardia for example has evolved a consciousness in an unevolved body. Recommended book: "Parasite Rex"

Mold symptoms improve after heavy metal detox. Lyme arthritis is often asymmetrical (example hip/knee) whereas mold arthritis is symmetrical and of the small joints. Nodules on joints may actually be LD cysts.

Mold sufferers are good in dry environments but bad in wet. LD are good in wet and bad/worse in sunny/dry. An LD patient with ABX makes the mold symptoms worse.

Each cell has 100,000 biochemical reactions.

There are 3 pathenogenic strains of borrelia: burgdorferi, afzelli, garinii. Immunosciences is one lab that actually measures immune response to all three different types of borrelia which is often important, especially for those which may have been infected in Europe.

IgG and IgM cycle with borrelia. They do not always represent current or past infection but instead may cycle at different weeks/stages of the infection.

There are two types of EM rashes. The first is at the time of first infection. Then there can be a second EM rash 20 years later when reinfected by some means. The second may not even be at the site of the bite. Called "Second Strike".

Almost all, if not all, dogs have Lyme and Ehrlichia.

Three forms of Borrelia:

- Spirochete – untreated
- Inside the cell – L-form
- Cyst form – can withstand heat of over 1000 degrees

Red blood cells (RBC) do NOT have DNA. One way to see if they are infected with a foreign body / infection is to look at the cells for DNA. As

the amount of DNA in the RBC increases, this is correlated to the person being closer to death. White blood cells (WBC) DO have a nucleus and DNA. In WBCs, towards the end of life, the DNA is TWICE as long as it was at birth. This means that by the time we die, our DNA is half “us” and half “them”.

Cornerstone of Dr. Klinghardt’s treatment is PC-Samento and PC-NONI.

Thyroid ranges generally want TSH in range of 1.1 to 2.5. With Lyme, generally see TSH over 2.5. Typically need some T3 supplementation. 75mcg 3-4 times daily.

Phase 2 adrenal fatigue is also often an issue with LD. High cortisol with low DHEA and low testosterone.

Liver is often overtaxed. Toxins are excreted in the bile.

Kidneys and bladder are often where the highest concentration of borrelia is found. This is because they are ready for propagation and moving themselves closer to the organs of propagation.

10 drops of cilantro in hot water at night is a good detox agent.

DHEA/Pregnenelone/etc. are not working.

There is not a single, reliable parasite test in the US. ART is often the best way to find parasitic problems.

Borrelia likes areas of stasis (stagnation) in the body. The lymph system is often a place borrelia can take up shop.

There are some genetic tests which can provide some helpful insights as to the level of symptom presentation. Discussed the Genovations CardioGenomic Profile and DetoxiGenomic Profile. When there are genetic flaws, there is a higher level of symptom presentation. It also takes a different approach to treating this type of patient.

Phase 1 detoxification is often focused on too much and is “overrated” in many cases.

Lyme neurotoxins ARE demyelinating (damage nerves).

High protein diet is often very bad for someone with LD. It makes a patient more acidic which allows the LD bugs to thrive. On the other hand, molds feed on carbohydrates.

Many psychological problems are physical issues where mold is involved.
Can destroy relationships.

Mercury

Taking mercury out actually REMOVES a Lyme treatment. Mercury amalgams in one way are a treatment for Lyme Disease but cause such severe central nervous system problems that they have to be removed. Often, LD symptoms WORSEN when amalgams are removed and you have in effect removed one form of Lyme treatment.

Mercury impacts tubulin and disconnects us from our energy field (soul).

The level of mercury toxicity impacts the level of and progression of symptoms. Someone that does not have mercury toxicity may not develop symptoms even if infected with LD. However, as mercury toxicity goes up, mercury and LD work hand in hand to worsen the symptom progression and intensity.

DMPS first chelates copper, then zinc, then arsenic and finally mercury. 25mg zinc daily needs 2mg copper every other day.

Chemtrails – aluminum / barium into airplane fuel. Nanoized aluminum accumulates in our cells.

Chlorella and Cilantro are good options for mobilizing and binding mercury.

Oral vitamin C should not be given with chlorella as it knocks off the mercury that the chlorella has attached to – thus defeating the purpose of taking the chlorella as a binding agent.

90% of the body burden of mercury is from amalgams with over 70% of the brain mercury content coming from amalgams as well. Klinghardt advises people that are chronically ill and still holding on to their amalgam fillings by handing them the pertinent literature to inform themselves. In general, treatment is not effective as long as the patient still retains amalgams in their mouth.

Dr. Klinghardt indicated that the benefits of eating fish outweigh the risk of the mercury as long as you do not eat those that are at the top of the list for contamination and use some common sense.

A monkey study was done years ago and it was found that every body system had mercury after only three days with amalgams. The amounts were staggering.

There are 25000 genes / 25000 enzymes – all are damaged by mercury. Interestingly, a fruit fly has 20000 genes.

Mercury is often the cause of autism, Alzheimer's, and other disorders. With Alzheimer's, the first changes often appear 50 years before they are noted.

Tests for mercury often do not find the issue. It is often those that have the most that excrete the least. The tests work only on "healthy" people. Cilantro reaches brain cells.

Most allergenic metals are nickel, titanium, gold, and then mercury. Review information on MELISA.org. The most destructive is mercury.

IV Vitamin C 37-50 grams in 500ml distilled water with 10ml Calcium gluconate may be useful. Read the book by Thomas Levy. It is available on Amazon.com.

Glutathione is relatively weak. Needs to be done with IV.

Alpha-lipoic acid – 600mg can be helpful. This should not be taken without a physician's guidance.

IV Glutathione, IV Alpha-lipoic acid, IV C, Phospholipids IV diluted with own blood, and Calcium EDTA are options. All depend on patient testing with ART. No agent is used without prior testing with ART. Every patient responds differently to different agents. Every patient has different underlying factors that play a role in what agent will work at a certain time. It may change from one testing to the next.

DTPA – new safe detox agent not legal in the US

EDTA – not good for mercury but does treat Lyme Disease and Babesia

Desferal is an option for detoxing aluminum.

Rarely sees successful mercury detox without DMPS or DMSA.

Cilantro/NDF/NDF Plus get absorbed and do cross blood brain barrier.

Osteoporosis is likely a heavy metal disease.

There is a new MLM product called a zeolite and marketed as Natural Cellular Defense. 51 of 57 near death with cancer survived. Good anti-cancer product. More information can be found [here](#).

Megamins – powdered zeolite in Germany with a negative charge that attracts heavy metals.

NDF – most effective general detox agent for mercury and other metals. There is an off-shoot product of NDF called HMD – Heavy Metal Detox.

Important options for mercury detoxification:

- **Microcurrent (KMT)**
- **Cilantro**
- **Chlorella**
- **Sauna**

These are all needed at different times during treatment.

Dr. Klinghardt made the point that no one can afford NOT to remove their amalgams. Every dollar saved on not taking out the mercury will lead to thousands or tens of thousands of dollars in cost years down the road. **Mercury destroys who you are on a very deep level.**

Components of Lyme Disease

- **Infections** – account for about 2% of the overall picture/symptoms
- **Neurotoxins** – account for about 30% of picture – they can persist for years after the infections are gone. Chlorella and cilantro are excellent options for addressing this component.
- **Allergic host response** – accounts for about 68% of the picture. Resolves six weeks after bugs are gone.

The bugs are not going to go away from our bodies and our society. The goal has to be to create an environment where we can live synergistically with these organisms. The organisms do not benefit if we are sick or die as they need us for their own existence.

KMT microcurrent device makes the bug incapable of reproduction. Stephania, PC-Noni, and PC-Samento are good options.

Lyme Disease patients are oxygen starved.

Very few patients in Dr. Klinghardt's experience have benefited from **Nattokinase**. More have benefited from **Lumbrokinase** and even more seem to respond to **Rechts-Regulat**.

Main excretion route for dead bugs is the urine. Auto-urine therapy via injection can expose the body to the antigen and create an immune response. 3cc/2x per week under the care of a medical professional. 12 injections followed by a 6 week pause and then 1 per month for life is often recommended.

An "LD1" (Lethal Dose = amount required of a substance to kill 1 out of 100 rats) of lead + an LD1 of mercury exponentiates the impact to an "LD100" (all 100 rats die when both metals are present).

Giardia often returns time and time again until larger parasitic worms are resolved. You always have to kill from big to small or the organisms will reappear out of the larger organisms.

Acupuncture with no "effective treatment" on-board can spread the illness. With "effective treatment" on board, can spread the treatment.

Bartonella is often the worst to treat and the hardest to get rid of.

Several items which must be considered. It is important to address all aspects and not just to focus on removal of the infections. Some items which must be addressed are as follows:

- Remove **toxic metals**
- Remove **allergic foods**
- Remove **chemicals/solvents**
- Remove **scars/dental interference**
- Deal with **dental occlusions**
- Deal with **electro-smog, geopathic stress**
- Deal with **unresolved emotional issues**

For parasites, one option that I found of interest was the **Sputnik** capsule. Dr. Klinghardt has used this both personally and with patients and has found it a useful way to deal with parasites. The capsule is swallowed and travels through the digestive tract emitting frequencies that may kill various parasites. "Sesame seeds" in the stool are an indication of parasites.

Biltricide is a detergent which is useful against worms and is used for liver flukes. OXO is also used for parasites. It is a BioPure product at 2 caps 3 times per day for a few weeks.

If there ever is a Bird-Flu outbreak, organic Freeze Dried Garlic and Valtrex may be among the most useful options.

A new compound called **Rizols** will soon be available from BioPure. It is from an oil and is ozonated. There are nine different types.

Strep often goes to the brain and the Sanum remedies are helpful.

Babesia Is most responsible for vision problems and TMJ symptoms.

Herpes

HSV1 – lips

HSV2 – genitals

HHV3 – chicken pox

HHV4 – EBV

HHV5 – CMV

HHV6 – possibly manmade virus. Book recommendation: The Virus Within. Responds well to **freeze dried garlic**.

Yeast

Diflucan 200mg per day. It is almost a myth that it has a significant impact on the liver. If anything, it is from the mold die-off, not from the medication itself.

Mycoplasma

Responds to enzymes (Rechts-Regulat), KMT microcurrent, PC-Samento, PC-Noni.

Lyme Bugs

One of the very last things to treat are the Lyme bugs.

Useful options include: **KMT microcurrent, PC-Samento, PC-Noni, andrographis, polygonum (resveratrol), Stephania root, Teasel Root.**

All of the above either are or will soon be available from BioPure.

Other options include **bee venom therapy and high-dose niacin.** High-dose niacin can be uncomfortable for about six weeks. Also creates growth hormone. **Magnesium** is also a useful treatment for Lyme.

B2 is helpful against Babesia. **B3** is helpful against Borrelia. Sadly, most people are allergic to B-complex vitamins and it was suggested that taking them separately is often a better option – not orally, but IV or IM.

Marshall Protocol has not been an effective treatment for Lyme. Benicar, Minocycline, and Zithromax however have shown improvement in condition within first two months.

Ozone – useful via IM injection. IM into the blood also sometimes used. Ozone sauna has been disappointing. Dr. Klinghardt's office has one and they do not use it. Also sometimes useful to use a machine that introduces the ozone into the rectum after a colonic.

Newer Treatments for Lyme

Disclaimer: All natural and pharmaceutical options have contraindications. Those contraindications may not be covered in this document. Please consult your medical professional for information or review the site www.neuraltherapy.com.

Many of the treatments recommended by Dr. Klinghardt are expertly covered in Stephen Buhner's book.

1. **Bee venom therapy** – most important
2. Cannot just take herbs. Also capsules often tend to lose potency. Many of Dr. Klinghardt's patients use electrolytes in solution with the herbs. It helps uptake the treatment into the blood and the cells.
3. **Organic Freeze-Dried Garlic** – taken on a full stomach. 2-3 caps 3-4 times a day or empty into water, wait one minute, and then drink. Can inhibit the uptake of other herbs.
4. **Phospholipid Exchange** – shuttles the herbs into the cells. $\frac{1}{4}$ - $\frac{1}{2}$ teaspoon in the water with the herbs. 1 tbsp per day total. Varies by patient condition.

Excellent option is to take a glass bottle full of water and to mix in the electrolytes. Then mix in the herbs (if tincture) separately and tap the bottle 50 times (succus - vigorous shaking of a preparation in order to activate the medicinal substance).

Key herbs used are:

PC-Samento – 4 drops twice per day up to 2 dropperfuls mixed into the bottle. Has a synergistic effect with Rechts-Regulat. Watch for bruising as an indication of thin blood and then may need to cut back on Rechts-Regulat.

PC-Noni – energetically loaded. Good for intracellular bugs such as ehrlichia, babesia, and bartonella. 6-12 months. 6 drops twice per day up to 3 dropperfuls mixed into the bottle.

Artemisinin – has largely disappointed. Overrated. One approach is to take 1200-1500mg for 3 days with a two week break. 2 courses then 2-3 day course per month.

Andrographis – useful for Lyme in the kidneys. Needed if low specific gravity observed in the urine. Can test via dipsticks from Walgreens.

Cools down the nervous system. 400mg caps 1 capsule four times per day up to three capsules four times per day. BioPure will soon have tincture available.

Polygonum – Japanese Knotweed / Resveratrol. Effective for spirochetes. Also a good agent for toxic symptoms from Borrelia release of Quinolinic acid (Quin).

Smilax Glabra (Sasparilla) - many uses. Prevents negative effects of testosterone supplementation like excess DHT.

Stephania Root – correct cytokine abnormalities. Main herb for ocular Lyme. Spirochetes exist within the fluid of the eyeball.

Teasel Root – 3 months 1-2 teaspoons 3-4 times a day

Tumeric, Nettle, and Devil Claw – can be useful for Lyme arthritis

Poke root / red root – help lymphatic drainage

Colchicum Autumnale – for Ehrlichiosis

Astralagus, OXO – also useful

For most herbs, it is best to do high doses for 3 weeks, take a short break, and then repeat.

Matrix Microbes – contains 83 beneficial microbes. Good to spray around home and in bedroom. Good to drop into teeth before a filling, etc.

Propolis Vapor – device that sanitizes room air with propolis

Probiotics grown in Beta Glucan – studies show that most probiotics don't work and do not significantly change the environment. This is a new product that appears promising and is offered by BioPure.

ToxAway – microcurrent foot bath which helps increase toxic metals in feces, urine, and sweat. From Switzerland. Runs about 2200 dollars. Use for 6 weeks 20 minutes a day. Color may become lighter and lighter.

Niacin – 3000mg/day.

Phospholipid Exchange – helps to carry treatments into cells

Udo's Oil - a discussed essential oil preparation that is often useful. Oils should be ART tested. The need differs by patient.

Also, it was suggested that simply getting rid of clutter in your living environment has positive health benefits.

As a reminder, do not give zinc without appropriate amounts of copper. This should also be ART tested.

KMT – useful for Lyme and co-infections. See additional KMT information elsewhere in this document.

Exercise – important but can have negative implications if done too early in the course of treatment.

Intra-articular ozone

L-Carnosine / ALC / Fish oil – all beneficial and important

High dose enzyme therapy – important

For floaters and vision issues, do rhythmic compressions of the eye to improve drainage.

Plant compounds are a far better approach to dealing with chronic Lyme than antibiotics. Antibiotics can be very useful to get someone out of a hole and back to a better state. However, this is not an ideal treatment for many people for the long-term. Herbs regulate all aspects back to normal.

Neurotoxins – liver excretes but then they are later re-absorbed. Need to bind with a substance that is stronger than the affinity for nerves. Chlorella/Cilantro are good options. Cholestyramine is a pharmaceutical option but Chlorella/Cilantro are likely a better approach.

In terms of fish oils, they are graded from 1-5. 1 is a research-grade oil that is not available in the US. 2 is Norwegian such as Nordic Naturals. PCBs are often not removed and these may still have some chemicals that are undesirable. Grades 3 and 4 may contain oxidized fats. Research articles, etc. published on fish oil and cancer is done on grade 1 which cannot be purchased in the US. The days of “clean” fish oil are over.

Similar comments were made on PS (phosphatidylserine). The studies on brain rejuvenation, etc. were done using an Italian product which is a different quality than what is available today.

Good options for herx reactions are colonics and lymphatic massage. Herx is an indication that you are going too fast and is not always a good thing. However, it is important to note that you will get herxes with herbal/natural treatment options as well depending on the speed you are going at and the amounts used.

BioPure also has microbial inhibition CDs which can be helpful. Can purchase wireless headset at Radio Shack that has red lights on it and just use the lights to play the CDs through. Costs about 30 dollars for the headset. Most people need the virus and mold CDs also.

Dr. Klinghardt is also using a new device from Germany called Airnergy and has been seeing good results with that product.

KMT Microcurrent

KMT entrains the immune system to fight the bugs. It wakes up the immune system. Causes high stress on the bugs.

Should be used daily for 3 months and then as needed.

Brain seizures are often related to mycoplasma or worms.

Programs are:

- 1 – metal mobilization, Borrelia, Bartonella
- 2 – metal mobilization, Babesia
- 3 – metal mobilization and gastrointestinal support – parasites and most bowel pathogens
- 4 – metal mobilization and brain clarity – herpes, Chlamydia, mycoplasma, tuberculosis, strep, etc.
- 5 – metal mobilization, Chlamydia, mycoplasma, toxoplasmosis
- 6 – metal mobilization, fungi and molds

Can be very helpful for eye issues as well by treating eyes with the microcurrent.

Also good for teeth which are often areas of babesia and bartonella colonies.

Rife believed in creating high electromagnetic fields to kill organisms. Rife is often not practical. Clinical results with KMT are often faster than with Rife (and gentler).

Pulsing these energies into your biofield are more important than contact with the device.

Dental Issues

Based on presentations from Chris Hussar, DO DDS and Dino Paulo, DDS

Jaw infections are common in anyone that has had wisdom teeth removed or ANY root canals. These often lead to serious infections and when cultured, many of the Lyme-related infections can be found in the jaw.

The amalgams must come out and then you can start to work on mercury detox.

American Society of Biological Dentists can provide referrals for dentists trained in removal of amalgams.

The bite and occlusions are also important dental issues which impact overall health. These can impact drainage of toxins from the brain.

Autism

It was suggested that autism is mono-factorial – the cause is mercury.

In patient experience with autism, 100% of the children also had Lyme Disease by Western Blot. It was noted that the severity of symptoms is directly tied to the levels of mercury.

Amalgam fillings in a mother have been tied to autism in a child. Normally, a child might show metals in a hair analysis and that is an indication that the mercury is getting out of the body, but with autism, the mercury is not getting detoxed.

General Tips

- Do not use plastic bottles for drinking water. Use only glass.
- Do not microwave with plastic containers or saran wrap. This adds to our toxic load. Plastic contamination in the body is becoming a real issue.

Dr. Steve Harris Presentation

Dr. Steve Harris presented at the conference. Indicated that Lyme is worse at higher altitudes where Borrelia thrives in low oxygen. Also thrives in heat and flares in heat. Bb is heat-sensitive. 28-32 day flares.

Ticks on the east coast may have up to 80% Babesia. 70% of endometriosis lesions were Lyme positive.

Tests can be “indirect” such as ELISA, IFA, Western Blot or “Direct” such as LUAT, PCR or Reverse Western Blot.

For late Lyme, ELISA and C6 peptide tests are poor.

IgM in Western Blot – 3-4 months immune recognition. False positives are very rare.

Bands 31 and 34 are very important for late Lyme though 34 could also be syphilis.

IgG positive predicts how well one may recover. The scenarios where a positive IgG WB test result may not be indicative as a predictive tool are:

1. Do not have Lyme
2. Vaccine
3. Multiple exposures
4. Elderly

Direct Detection – Biopsy, Culture (bladder, kidney, spleen, blood then urine in that order are most likely to find Lyme), Antigen-capture, PCR

If 31 or 34 are positive, that is enough to consider that Lyme Disease is an issue.

Testing – Immunosciences – Dr. Aristo Vojdani

Discussed testing for mold and mycotoxins as well as Lyme Disease.

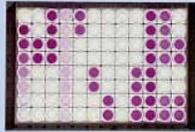
Noted that PCR is only 15% positive with Lyme Disease and that it is not recommended. In some studies, fewer than 6% of those tested with PCR were positive.

Quest Labs does not report +/- or IND but Igenex does.

Immunosciences has some potentially useful Lyme Disease panels. One such panel is below:

PANEL A

IMMUNOSEROLOGY OF LYME DISEASE



	Neg.	Pos.
Unrelated peptide	0.13	0.35
<i>B. burgdorferi</i> lysate	0.15	2.70
OspA + OspC	0.16	0.75
OspE	0.18	0.29
Leukocyte function associated antigen	0.17	1.75
Immunodominant protein of invertible region	0.20	2.30
Variable major protein	0.17	0.64
Decorin binding protein of <i>B. burgdorferi</i>	0.14	2.38
Decorin binding protein of <i>B. garinii</i>	0.18	0.26
Decorin binding protein of <i>B. afzelii</i>	0.19	0.19
Babesia peptide	0.20	0.22
Ehrlichia peptide	0.15	0.46
Bartonella antigen	0.19	0.64



- Lyme-Specific Antibodies**
 - *B. burgdorferi* Antigens (IgG, IgM)
 - OspA + OspC Peptides (IgG, IgM)
 - OspE Peptide (IgG, IgM)
 - Leukocyte Function Associated Antigen (IgG, IgM)
 - Immunodominant Protein (IgG, IgM)
 - Variable Major Protein (IgG, IgM)
- Borrelia Subspecies Antibodies**
 - *B. b. sensu stricto* (IgG, IgM)
 - *B. garinii* (IgG, IgM)
 - *B. afzelii* (IgG, IgM)
- Lyme Co-Infection**
 - Babesia (IgG, IgM)
 - Ehrlichia (IgG, IgM)
 - Bartonella (IgG, IgM)
- Lyme Cross-Reactive Antibodies**
 - Treponema (IgG, IgM)

Discounted Panel Price: **\$429.00**

Specimen Requirements: 10 ml Red Top

Please send overnight

For more information please call:
Immunosciences Lab., Inc.
 8693 Wilshire Blvd., Ste. 200, Beverly Hills, CA 90211 • Toll Free: (800) 950-4686 • Fax: (310) 657-1053
 E-mail: immunosci@ix.netcom.com • <http://www.immunoscienceslab.com>

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My ART Session with Dr. Amy

Dr. Amy Derksen is a Naturopathic Doctor (ND) that has worked for the past two years with Dr. Klinghardt and has now started her own practice in Bellevue, WA. She is trained in ART (autonomic response testing), KMT (Klinghardt Matrix Therapy), neural therapy, naturopathy, detoxification, and other forms of energy medicine.

It must have been my lucky day because I was blessed with the opportunity to spend over an hour one-on-one working with Amy. It was quite enlightening and will help shape my future path and guide the course of my recovery. I am grateful to her for becoming a part of my healing.

The testing that Amy utilizes is ART. ART is a diagnostic system which uses orthopedic, neurological, and kinesiologic testing to allow the practitioner to detect hidden causes of acute and chronic illnesses. After having seen it firsthand, I wonder to myself how many billions of dollars could be saved in this country by having more practitioners use this as a diagnostic tool. ART can help to identify food allergies, infections, heavy metal toxicity, geopathic and electromagnetic stress, psychological trauma and conflicts, interference fields, nutritional deficiencies, and more. It also allows the practitioner to select more effective and best tolerate therapies for the client's condition.

Some of the specific findings at this time were as follows (findings may change from session to session as things in the body change – ART is not static; it is dynamic):

- We found that my liver and kidneys were severely stressed. Chlorella and cilantro seemed to create a yin state. The specific form of Chlorella that tested well was BioPure chlorella pyrenoidosa. The CGF chlorella did not test well.
- We found very high levels of Babesia and Borrelia burgdorferi in my brain. Not what you want to hear, but information is power with this disease and the more enlightened I can be about what is happening, the more information I have to determine the most likely effective treatments.
- Ehrlichia is still a systemic problem for me even after six months on doxycycline. Teasel root created a yin state for the ehrlichia which provides me with information that this may be a good option for treatment at this time. A potential teasel root product to utilize is called SpiroNil.

- No parasites were found at this time – this was a great sign and was consistent with previous EDS/EAV work. Very low levels of viruses were present.
- Testing showed no presence of rickettsia rickettsiae (RMSF), mycoplasma, or bartonella. Of the three, the only one that I know I had in the past was bartonella. It appears that the several months of Levaquin combined with the other treatments I have put in place may have worked.
- We identified a potential issue with my thyroid which may be the result of a mild tonsil issue. The KMT device may be helpful for this issue. Good pad placement may be the front of the neck and the vagus area below the ear.
- Heavy metals were present in the brain area. Chlorella + Cilantro + Phospholipid Exchange were needed in combination to address the heavy metal issue at this time. It was suggested to time the large dose of chlorella about 30 minutes before using cilantro tincture which was “readied” in hot water to remove any potential toxins.
- I tested as a double switch which is one potential sign for auto-immune issues. A potentially useful treatment for this would be auto-urine injections. This is a process where urine is taken, filtered, and injected back into the body to stimulate immune response. Other treatments are also used.
- The BioPure product PC-Noni did not provide my body with any additional balance at this time. The same was also true of Matrix Flora, goat whey, and mucuna.
- My body likely does not need continued dosing of NDF or PCA-RX at this time which I have been using for heavy metal detox. Though heavy metals is still an issue, these formulas may not be the most appropriate at this time. The cilantro and chlorella will help address the metals issue for now.
- We tested all of my supplements to find if any of them created a state of imbalance or blockages in my nervous system. Fortunately, they were all good except the Nordic Naturals fish oil which we found problematic. We were able to further determine that the reason it was problematic was likely due to the fact that I have had it stored for several months and it had gone bad. A fresh sample of Nordic Naturals fish oil tested beneficial and thus I learned that it is important to keep relatively fresh oils. Any rancid oil is potentially carcinogenic.
- My glasses were causing total dysregulation within my system. It is likely due to the metal frame and it was recommended that I look for other options. This test was repeated several times and it was clear to me that this was the case based on the testing.

- Though it is almost always reported to be the case in chronic illness, dental issues did not appear via ART. Thus it was not a concern at the present time. This may need to be revisited at a later time.
- A good core program found by ART to help create a yin state (body in a healing mode) for my condition was Teasel Root, Cilantro, Chlorella, Phospholipid Exchange, and Fish Oil. Strangely enough, I must have already known this at some level as I had already ordered these products from BioPure earlier in the weekend and these were confirmed by ART. For those skeptics, there are many BioPure products that were not found to create a yin state including Matrix Flora, goat whey, and mucuna.

Other pointers I learned from this session:

- People often have issues with the magnetic strips on credit cards. It was suggested that putting them back to back was a potential solution to the energetic disregulation that these may cause.
- I learned that my computer was likely causing disregulation as well and it was suggested that this may be helped by carrying a diode. The diode must be work with the lettering towards the body and in the left pocket.
- Nausea can often be eliminated by tapping the vertical ridge between the upper lip and the nose.
- It is important to stimulate the tips of the middle fingers on both hands for 2-3 minutes before taking cilantro, Mepron, and any antibiotics. This will help with uptake into the brain.

Summary

Chlorella is a super-nutrient and a neurotoxin binding agent. It contains many minerals and vitamins.

When we eat, we create bile. The bile contains the neurotoxins. This is when we need chlorella. 40 minutes before you eat is the proper time to take chlorella. Same is true of cholestyramine.

The gallbladder is most active from 11am to 1pm. This is also when it releases the highest number of neurotoxins into the body. Take the chlorella at 12:20pm and eat lunch at 1pm. Take up to 30-40 tablets of chlorella and chew them. This once per day dosing before lunch is the ideal approach.

As a superfood, chlorella can be taken with meals. Small doses release and mobilize toxins but are not enough to bind them. More is better.

Cilantro as a bile stimulant. Take chlorella at 12:20 and then at 1pm, squirt the cilantro under your tongue. No need for hot water in this case. Fires bile in seconds. Used as a detox for the brain as it crosses the blood brain barrier. Blood brain barrier opens a bit at night – just before bedtime also. Put 10 drops in hot water and allow to cool, then drink. Cilantro has a toxin which is inactivated at 80 degrees Celsius. Drop it in the water just below boiling point.

None of us are sterile. We all have ecosystems that host numerous organisms. We are our original cells plus acquired organisms. There are 8-12 pounds of over 12,000 species of bugs in our digestive tracts. Acidophilus and Bifidophilus are only 2 of them. We all have staph in the sinus cavity.

When polluted with man-made substances, our ecosystem favors the microbes and changes the way they behave. Lyme Disease is fed with mercury, lead, phthalates, solvents, etc. which cause us to become out of balance.

Antibiotics may be a quicker solution to the problem, but we are entraining the organisms and the impact of this is not being tracked or considered. Proper treatment is to treat as an ecosystem that has gone out of balance. Need to pull all the toxins out and entrain the bugs to live in synergy. Plant adaptogens are needed. Man-made substances have no intelligence. Many that have failed antibiotic therapies have responded to appropriately designed herbal programs.

30-40% fail antibiotic programs. Even with reasonable success rates, we are not doing a favor for the evolution of the planet by using these substances.

If one were to find *Borrelia* in the brain using ART, this could mean several things: *Borrelia* is present in the body OR microbes that are “similar” are present. They are not the same, but have exchanged DNA through plasmids.

ART gives a good approximation of what is happening in the body and also can be used to test remedies for creation of a yin state. ART can help provide guidance on the right treatments to use.

Treatment - 7 Factors

1. Toxins
2. Food Allergies
3. Nutrient deficiencies
4. Interference fields, scars, teeth
5. Occlusions in the mouth
6. Man-made stress and electrosmog, geopathic stress
7. Psycho-emotional issues

A home evaluation for mold, electrosmog, etc. is often needed. Address toxins in the body and from organisms. For detox, use chlorella and cilantro. Natural Cellular Defense is a new product which may also have value.

NDF was a big product for heavy metal detox. Still a good option.

Phospholipids deliver treatments to the cells.

If there was only one treatment that you could pick, it should be Freeze Dried Garlic. It kills or regulates most known pathogens and helps detox with sulphur compounds. Anaplasma, worms, fungal infections, viral infections, *Borrelia*, Bartonella, Babesia. It is a bridge drug.

Microbial Program

PC Samento / PC-Noni – many people get well if they do these for 1-2 years. Brain, sleep, etc. consistently improve. Takes about 4 months to notice any changes.

20-30 more supplements blocks the affect and may not be helpful.

For every Lyme spirochete in tissue, there are many times that number in the gut. Most vitamins feed the bugs first. You get the “pooped” out residue. IV/IM may be better options from this perspective.

B-complex feeds all the bad things in us. Destroys balance. Herbal treatments may be hurt by supplements. Minerals are ok. Magnesium is ok. Zinc/copper/iron/lithium/trace elements are ok. Not against supplements but against random use of large amounts.

Samento, Noni, Matrix Electrolytes, Phospholipids – shake up in a glass bottle as mentioned previously. After 4-6 weeks, might want to add andrographis, polygonum, stephania. Tinctures are generally better. 1 dropperful of each 3 times per day or 3 dropperfuls in a large bottle of water to be used throughout the day. Aggressive dose would be 2 dropperfuls 3 times per day.

Detoxification plus herbs moves the body back to a normal state. 1-2 times a month – IV with detox agents.

In terms of RX options, Diflucan is a very good option for Lyme. Can get at Costco for \$35 per month compared to over \$600 elsewhere. Another sometimes used drug is Biltricide. Alinia is sometimes used for worms and borrelia.

The goal is to move everything back to a harmonious environments. The bugs benefit from us being healthy, not from killing us.

Need A, D, C, E – beyond that may not be needed. Don't go too far. Fish oil and Acetyl-L-Carnitine may be useful.

For room air – propolis machine eliminates many mold toxins. Runs about \$250. Also spray Matrix microbes around bedding, etc.