Spirochete Diseases like Syphilus and Lymes

Video of a spirochete actually changing into cyst form.
Title: Homeopathic Treatment of Treponema Infections
Syphilis
(Rabbit Model)
Budapest, Hungary 1997, June 10 till Sept 15

Authors:
Dr. Horvath Istvan, Phd Director of Biol. Sc.
head:of Treponematoses Serological Department
Dr. Judith Nagy

Abstract:
In this study we review syphilis (treponema) and a basic homeopathic treatment of same. An animal model using rabbits is used to test the therapy and preventative capacities of a complex homeopathic remedy. There was no therapeutic effect. But To the surprise of all concerned there was a shocking preventative effect that suggests a possible vaccination for the most prolific disease on the face of the earth.

Background:
Syphilis is the most epidemic infection of humans on the planet today. In the world it is estimated by the WHO that 70 million people are infected each year. In the USA over 500,000 new cases are in need of treatment. In some countries syphilis affects one in ten. And worldwide one in 25 is threatened.
Historically there are varying accounts as to the origins of syphilis, but all seem to agree that the disease at one time was unknown to humans. Once the disease started into the human population thousands of years ago, it spread unchecked. It now is epidemic everywhere.
Once infected there is no second exposure immunity, this plus the nonhuman origin has further developed the theory that a vaccination was not possible.
The disease is transmitted by kissing, sexual contact, or contact with mucous membranes. The levels of syphilis has risen steadily for decades despite efforts of diagnosis and antibiotic treatment. The syphilis organism is developing antibiotic resistance, and the immunosuppression effect of the antibiotics is complicating the ability of the antibiotic treatment.

Treponema Pallidum is a spiral bacteria about 0.25 microns wide and 5 to 20 microns long. Darkfield microscope can identify it with morphology and motility.
Within hours of entering the mucous membranes of its new host, trep reaches the regional lymph nodes and spreads throughout the body. The host reacts by perivascular infiltration of lymphocytes, plasma cells, and fibroblasts. The resulting lymph node swelling leads to endarteritis obliterans. Inflammation is replaced with degenerative processes, especially in the CNS and cardiovascular system. Since the first infection of syphilis does not convey any immunity, medicine developed antibiotic treatments. Also the antibody reaction to syphilis is unreliable, so it was further surmised by modern
medicine that there is no way to vaccinate against syphilis. Many have dedicated lifetimes to developing a vaccine for treponema. Homeopathy has syphilis treatment at its heart. Hahnemann used syphilis as a treatment for years. The miasm of syphilis is well known. Millions of people have been treated with homeopathic syphilis for over a hundred years. But the homeopaths rarely use any statistical analysis. Modern medicine has been satisfied with its antibiotic treatment.

But recent development of resistant strains plus evidence of how antibiotics can act as cofactors in the acceleration of fungal and viral disease, now demands we look for new treatment modalities.

**Hypothesis:**
Homeopaths have used syphilis treatment for centuries. Could a homeopathic combination be developed to treat or prevent treponema infections.

**Methods:**

**Aim:** Check protective and treatment effect of **Endoxtreponol** (copyright and int. trademark applied for) on Treponema Pallidum, challenged in experimental rabbits.

**Strain of Treponema:** Human pathogenic Treponema Pallidum, Budapest strain. The number of treponemas was increased by several passage before the study.

**The challenge:** All rabbits were challenged intratesticularly by 0.5 ml treponema suspension per testis. The suspension contained 1,000,000 tp/ml. After the challenge the clinical manifestation and the serological changing were controlled.

**Animals:** Fifteen NZW, age 11 week, male rabbits from ‘Godolloi Kisallattenyeszto’ farm. The animals were kept in metal cages (1/cage) and fed with rodent pellet (LATE Godollo. Hungary). The food and top water was provided ad libitum. The room temperature was constant at free room air. During the experiment the rabbits were divided into three groups, five in each group.

1. group 1: got **Endoxtreponol** per os for 14 days. At the 14th-day they were challenged with treponema suspension.
2. group 2: was challenged with treponema suspension on the first day parallel with the challenge and after 14 days got **Endoxtreponol** freely for two week.
3. group 3: challenged with trep parallel with the second group but no Endoxtreponol.

**Administration of the Endoxtreponol:** Each animals was treated with **Endoxtreponol** day by day during 14 days. The dosage of 30 drops per .6 ml of water. This was sprayed into the mouth of the animal everyday, once a day. A normal syringe with blunt edge to prevent injury was used.

**Blood taking:** Blood taken from Vena marginaris of the animals ear.
Serological examination: RPR (rapid reagin test and TPHA treponema pallidum hemagglutination assay were prepared on the blood sample. Testes were examined by dark field examination.

Results:
During the experiment we observed The Endoxtreponol had no direct therapeutic effects against the infection. But it did produce a defensive capacity to stop infection. Surprisingly the influence of Endoxtreponol as a preventative was shocking. If the treponema pallidum challenge is made after 14 days of treatment once a day with Endoxtreponol no clinical manifestations of syphilis or serological reactivity were observed in the rabbits. This is a historical event in the treatment of the world’s most harmful and debilitating disease. The serological tests were negative with RPR and TPHA reaction. The classical method must be emphasized. Low antibody titers of TPHA. These titers did not increase even after 15 weeks. This suggests an immunization like procedure.

(History in the making.)
Two of the immunized rabbits remain alive now for over six months and continue to resist treponema infection.
Discussion:
Medicine has always mis-surmised that a vaccination for treponema was impossible. This experiment has demonstrated that it might be possible. We will need to repeat this experiment. We then will need to do another different mammal study, and finally a human study. Our preliminary results with blood tests and clinical observations in our homeopathic clinic would indicate that a human immunization for preventative or a therapy might be on the horizon. The scourge of mankind might be humbled and with it a growing appreciation for homeopathy and how it can help the rest of medicine.
"Surprisingly the influence of *Endoxtreponol* as a preventative was shocking. If the treponema pallidum challenge is made after 14 days of treatment once a day with *Endoxtreponol* no clinical manifestations of syphilis or serological reactivity were observed in the rabbits. This is a historical event in the treatment of the world’s most harmful and debilitating disease - *Syphilis.*"

But even with this Historical Revelation the Medical community can still not accept Homeopathy or Natural Medicine
Energetic medicine with the SCIO Eductor Tech

Ruptures Cancer cells

Kills Spirochetes

Breaks Up Red Blood Cell Stacking

Stimulates Phagocytosis
Lyme Disease - clinical stages

- **Stage 1 (Early localized):** days
  - erythema migrans rash at tick bite site
- **Stage 2 (Early disseminated):** weeks
  - flu-like illness,
  - cardiac, neurologic
- **Stage 3 (Late) - months to years:**
  - Lyme arthritis
  - Encephalopathy or Neuropathy

**Lyme Disease**

Lyme disease is caused by the bacterium *Borrelia burgdorferi* and is transmitted to humans through the bite of infected blacklegged ticks. Typical symptoms include fever, headache, fatigue, and a characteristic skin rash called erythema migrans. If left untreated, infection can spread to joints, the heart, and the nervous system. Lyme disease is diagnosed based on symptoms, physical findings (e.g., rash), and the possibility of exposure to infected ticks; laboratory testing is helpful if used correctly and performed with validated methods. Most cases of Lyme disease can be treated successfully with a few weeks of antibiotics. Steps to prevent Lyme disease include using insect repellent, removing ticks promptly, applying pesticides, and reducing tick habitat. The ticks that transmit Lyme disease can occasionally transmit other tick borne diseases as well.
Introduction

Lyme disease is a bacterial infection spread to humans by infected ticks. Ticks are tiny arachnids found in woodland areas that feed on the blood of mammals, including humans. Tick bites often go unnoticed and the tick can remain feeding for several days before dropping off. The longer the tick is in place, the higher the risk of it passing on the infection. Read more about the causes of Lyme disease. Lyme disease can affect your skin, joints, heart and nervous system.
What are the symptoms of Lyme disease?

The earliest and most common symptom of Lyme disease is a pink or red circular rash that develops around the area of the bite, three to 30 days after someone is bitten. The rash is often described as looking like a bull’s-eye on a dart board. You may also experience flu-like symptoms, such as tiredness, headaches and muscle or joint pain.

If Lyme disease is left untreated, further symptoms may develop months or even years later and can include:

- muscle pain
- joint pain and swelling of the joints
- neurological symptoms, such as temporary paralysis of the facial muscles

Lyme disease in its late stages can trigger symptoms similar to those of fibromyalgia or chronic fatigue syndrome. This is known as chronic Lyme disease, although more research into this form of Lyme disease is needed.

A person with Lyme disease is not contagious because the infection can only be spread by ticks.

Read more about the symptoms of Lyme disease.
Unless in its early stages when a rash is present, diagnosing Lyme disease is often difficult as many of the symptoms are similar to those of other conditions. If Lyme disease is suspected, blood tests may be able to confirm the diagnosis, but they often need to be carried out a few weeks after infection to reduce the risk of false-negative results. Read more about diagnosing Lyme disease.

Diagnosed cases of Lyme disease can be treated with antibiotics if you wish to upset your bowel flora. Your course of antibiotics will depend on the stage of your Lyme disease, but you will usually need to take them for two to four weeks. But a more natural treatment plan is what you need to consider. Symptoms include:

How common is Lyme disease?

Lyme disease is the most common tick-borne infectious disease in the UK, Europe and North America. People who spend time in woodland or heath areas are more at risk of developing Lyme disease because these areas are where tick-carrying animals, such as deer and mice, live.

Public Health England estimates there are 2,000 to 3,000 cases of Lyme disease in England and Wales each year, and that about 15% of cases occur while people are abroad.

Cases of Lyme disease have been reported throughout the UK, but areas known to have a particularly high population of ticks include:

- Exmoor
- the New Forest in Hampshire
- the South Downs
- parts of Wiltshire and Berkshire
• Thetford Forest in Norfolk
• the Lake District
• the Yorkshire Moors
• the Scottish Highlands

Most tick bites happen in late spring, early summer and autumn because these are the times of year when most people take part in outdoor activities, such as hiking and camping.
Read more about the causes of Lyme disease.

Preventing Lyme disease

There is currently no vaccine to prevent Lyme disease. In 2002, a vaccine was introduced in America but was later withdrawn because of concerns over side effects. The best way of preventing Lyme disease is to avoid being bitten when you are in wooded or heath areas known to have a high tick population. The following precautions might help prevent Lyme disease:

• Wear a long-sleeved shirt.
• Tuck your trousers into your socks.
• Use insect repellent.
• Check yourself for ticks.
• Check your children and pets for ticks.

If you do find a tick on your or your child's skin, remove it by gently gripping it as close to the skin as possible, preferably using fine-toothed tweezers, and pull steadily away from the skin.
Never use a lit cigarette end, a match head or essential oils to force the tick out.
Most people think that Lyme Disease is only spread by ticks and only affects muscles. This is not true. The fact is that Lyme Disease can be spread person-to-person, by mosquitoes, by blood transfusions and in many other ways. Those who are experts in Lyme Disease, when they treat a married person, they automatically treat their spouse at the same time.

Even worse, Lyme Disease may be (no one knows for sure) manifest in many different diseases, such as A.L.S., Multiple Sclerosis, Alzheimer’s, etc. etc. Multiple Sclerosis and A.L.S. (Lou Gehrig’s Disease) are suspected to be caused by a spirochete bacteria.

While many people with these related diseases have been diagnosed with Lyme Disease, it is not known whether Lyme Disease is a cause of these diseases, or whether it is coincidental that people with Lyme Disease also have these other diseases.

However, it is very clear that Lyme Disease does manifest itself in many different ways. It is a known fact that a disease in the skin or bones will manifest itself in a totally different way than if this disease is in the brain. The brain does not have the same type
of nervous system as the skin or muscles. Thus, the exact same disease (such as rheumatoid arthritis) in the muscles and bones will manifest itself in a totally different way if this same disease is in the brain.

**Support From Experts: Immuno-Support Protocol**

In dealing with Lyme disease and its co-infections, it is of the utmost importance that one takes a whole body approach. To achieve this John and Kelly Kasunic have put together a protocol called: Immuno-Support Protocol.

This complete protocol deals with rebuilding the immune system so that it can function properly throughout the whole body. They focus on 3 main areas: nutrition, electromedicine, and detoxification.

The recommendations are very detailed and specific so it is recommended that you take advantage of the consultation with John and Kelly Kasunic.
They are experts in understanding **Lyme Disease and its co-infections** and will set you on the right track to achieving your health recovery goals.

**Treating Lyme Disease With Salt and Vitamin C**

A website which claims to have figured out a simple and inexpensive way to cure Lyme Disease is this website:  
[http://www.lymephotos.com](http://www.lymephotos.com)

They suggest salt (3g a day) and Vitamin C (3,000 mg a day) as a treatment for Lyme Disease.

Some recommend a buildup which lasts at least 4 days (e.g. start at 1/4 the dose the first day, 1/2 the dose the second day, etc.). This may help prevent Herxheimers.

Here are herbal solutions.
Treating Lyme Disease With Electromedicine

There are many different ways to treat Lyme Disease, but it is critical to understand that Lyme Disease is not confined to the bloodstream. The Lyme Disease bacteria can be found in the muscles, perhaps even inside of human cells, and in other parts of the body.

That is why electromedicine is used so often in treating Lyme Disease. Electromedicine, can penetrate anywhere in the body, including inside cells and throughout the muscles and brain.

To visualize how electricity travels in the body, consider this: if you put an electrode on one side of your body and you put another electrode on the other side of the body, if you could see the current between the two electrodes, it would look like a football. This is why the placement of electrodes is so important.

Electricity always follows the path of least resistance, thus it can travel through the bloodstream, the muscles, etc.

Electromedicine is clearly the future of treatments for Lyme Disease. This is because the bacteria which causes Lyme Disease is a master at “hiding” in muscles and perhaps even inside of cells.

The “Rife Machine” is a general term applied to frequency generators which vibrate microbes. In other words, once the frequency of a microbe is found, frequency generators can vibrate the microbe until it falls apart. Rife itself as a Rife device is illegal to sell, distribute or use in America and other parts of the world.

Without a measurement cycle for an autofocused loop Rife can be ineffective and perhaps dangerous. The old style Rife devices do not work well. Read this http://medicalexposeddownloads.com/PDF/The%20old%20RIFE%20devices%20do%20not%20work%20Expose'.pdf

Electromedicine has actually cured many Lyme Disease patients completely. It takes several months because the Lyme bacteria (spirochete) can form a cyst which may not be able to be killed by anything. The cyst must turn into the bacteria before it can be killed.

For example, the SCIO/ Eductor High RF Frequency Generator “sweeps” through many frequencies in succession. It runs frequencies from 0 to 20,000,000 Hz (20 MHz) while most other generators top out at 40,000 Hz or less. It has a 3.1 MHz carrier frequency
which can carry lower frequencies much further. No other generators have any feedback systems to stop or alter processes in action or they do not use a carrier frequency at all creating only a localized effect.


It also offers a selection of wave patterns, and various other features which set it apart as the most versatile and powerful frequency generator system on the market.

However, a word of warning is in order. Some Herxheimer reaction can result from using a SCIO/Eductor system. Herxheimer reaction can be mild to a very painful experience caused by the die-off of massive numbers of microbes, including many different kinds of microbes.

Herxheimer reaction is almost impossible to avoid but with expert support it can be minimized by using a “build-up,” which means the treatment starts out very small and gradually builds-up to normal treatment “doses.”

It is best to have a consultation with a licensed expert to know how to safely use this equipment for Lyme Disease, not only to prevent massive Herxheimer reaction, but also to learn about other things that need to be done for the long term, such as detoxification and nutritional supplementation.
THE AVERAGE COST OF FULLY VALIDATING + VERIFYING A MEDICAL DEVICE IS WELL OVER $400 MILLION DOLLARS

You must Prove and Develop the Science for Five Years of Published Research

Educator + Educator Cybernetics

from healing sun light

You Must get an IRB, do Several Double Blind Medical Supervised Studies, Publish them in Recognized Peer Review Medical Journals for over Five Years, and then get the Studies Published in Certified Medical Univ Textbooks
We have had great success with this Nosode Remedy. It can only be procured from our European office. Write to ildikonelson@mail.com.
Raintree’s Spiro is a natural solution for diseases caused by bacteria. This formula is made up of combination of plants and herbs used traditionally by indigenous people of the Amazon. This syphilis cure is available in bottles of 120 pieces of 650 mg capsules. This syphilis cure includes the following plants in its powerful formula:

- **Ajos Sacha**’s scientific name is *Mansoa alliacea*. It is an evergreen shrubby vine native to the Amazon rainforest. It is both a shrub and a vine. It produces multiple woody vines and forms a shrub-like look. The plant is able to produce three flower colours simultaneously (deep lavender, pale lavender, and white).
- **Huacapu** or *Minquartia guianensis* is a huge canopy tree widely distributed in the Amazon rainforest. The tree exudes a white latex when its parts are cut. The tree blooms during the months of June and July with peduncles of cream-coloured flowers.
- **Matico** is the common name for *Piper aduncum*. This plant belongs to the pepper family or *Piperaceae*. It is a tropical, evergreen, shrubby tree with lanceolate leaves. It is native to the tropics of South America. The fruits are used as condiments to flavour foods.
- **Tamamuri** or *Brosimum acutifolium* is a large canopy tree that can grow up to 25 meters in height. When the leaf or stem is broken from the branches, the tree produces a whitish to pinkish latex. It has an oblong veined leaves that measures 8 to 15 cm in length by 4 to 5 cm in width.
- **Bellaco Caspi** (*Himatanthus sucuuba*) is a tropical rainforest tree that can grow as high as 16 meters. It has a rough mottled bark and perfumed flowers. Wounding the bark will exude white, milky latex.
- **Chanca Piedra** is a plant that is well known as a stone breaker. Aside from its ability to remove kidney and gallstones, it also has properties that can fight off bacteria. It is a tropical annual herb common in the China, Amazon, and Southern India. As syphilis cure, it can fight off diseases caused by bacteria, especially spirochetes. Spiro is also helpful against Lyme disease.
Nosode
"Using diseased or disease causing tissue in dilute form to treat a patient"
**Syphilis**

**Definition:**

A sexually carried disease caused by a type of bacteria, marked by three stages over a period of years.

**Herbal Aids:**

**Plantain:** Use as a tea and an external application. [SNH p.53]

See formula using red clover, burdock seed, Oregon grape root and blood root. [SNH p.58]

**Poke Root:** Use the liniment or the infusion as a wash, and drink internally. [SNH p.61] Infusion of poke root: See formula using poke root and distilled water. [SNH p.61] Compound Poke Root Liniment: See formula using poke root, bayberry powder, sassafras, bay or laurel and tragacanth. [SNH p.62]

**Burdock Root:** Drink the decoction regularly. [SNH p.65] Decoction of burdock root: See formula using burdock root, distilled water and glycerine. [SNH p.65]

See formula using Oregon grape root, red clover, burdock seeds, cascara sagrada, blue flag, prickly ash berries and blood root. [SNH p.74]

**Sassafras:** Drink an infusion of equal parts sassafras and sarsaparillas (Smilax ornata) and 1/2 part Guaiccum officinale. [SNH p.79]

See formula using sumac berries, sumac bark, white pine bark and slippery elm bark. [SNH p.158]

See formula using mandrake root, poke root, yellow dock, sassafras, blue flag, elder flowers and caraway seeds. [SNH p.198]
See formula for external use, consisting of mucilage of comfrey, burdock root and distilled water. [SNH p.314]

Pine: The Pine needles were used as an herbal aid for syphilis by the Zunis. The patient chewed the needles, swallowed them, drank a quantity of cold water and then ran for a mile or until he perspired profusely. When he returned home he wrapped himself in a heavy blanket. Women patients were not required to run. A tea of the twigs was drunk warm in conjunction with chewing the needles. Syphilitic ulcers were scraped with the fingernails until they bled and the powdered pinion gum was sprinkled over them to promote healing (Nie:50). [UW-Pine]

Prickly Ash: Because it is an excellent alterative the herb has long been applied in constitutional syphilis and scrofula, being considered as good a herbal aid for the former as other specifics. The herb mixed with blue flag and mandrake should be given in small doses at short intervals. [UW-Prickly Ash]

True Sarsaparilla: True Sarsaparilla was discovered by the early Spanish settlers in Jamaica, Perus, St. Domingo and Brazil in the middle of the sixteenth century. It was introduced into Seville about 1536 from "New Spain" and another variety soon arrive from Honduras. Pedro de Cieze de Leon in 1553 wrote that he saw it growing in South America. It was recommended as a cure for syphilis and for some time was considered the only effective remedy for this ailment. ...It was from the time of its introduction considered a superior blood purifier. It fell into disuse for a while until Sir William Fordyce revived it in 1757. After this short resurgence it was ignored. During the latter part of the nineteenth century its use was considered the result of ignorant superstition.

In 1928, however, Perutz studied it extensively and concluded that it really did help in the treatment of syphilis, probably by stimulating the body's defensive mechanism (Luc:54). [UW-Sarsaparilla]

Stillingia: The herb is used in all the various forms of primary and secondary syphilitic affections in which it appears to have a most definite effect for healing. There is some disagreement about its
actual effect in syphilis probably because in earlier years it was somewhat overrated, that poor preparations have been employed and that the proper preparations of the herb have not been followed. When the herb is correctly prepared and administered the results are said to be as good as those obtained from any of the antisypilitics (Felk:1837). It should be used in those syphilitic conditions where the tissues are feeble and "tardily removed and renewed, the mucous membranes are predominantly affected and the skin secondarily and the mucous surfaces are tumid, red, glistening and the secretion is scanty." The tincture which should be extracted by alcohol or the fluid extract are the preferable modes of administration, usually 1/2 fluid dram of the tincture or 1 to 20 drops of the fluid extract are given three times a day. [UW-Stillingia]

Burdock: Dr. Shook, my teacher in herbal pharmacy, in his textbook says: An excellent blood purifier is Burdock (Arctium Lappa), as a blood purifier we use the root. Nature has not produced for us many herbs whose food and medicinal value equal this one. Its ancient history as a reliable herbal aid for bad blood, ulcers, tumors and many skin diseases such as what we today call Eczema, Pityriasis, Psoriasis, Furunculosis (Boils), Acne, Lupus, etc., to say nothing of internal disorders such as Syphilis, Scrofula, Leprosy, Cancer, etc., and the modern proofs of its marvelous efficacy in the treatment of humanity's most fearsome and loathsome diseases is proof positive that very few if any herbs are more virtuous or possess more curative powers. ...The following formula, a decoction, is helpful for syphilis, scrofula, skin diseases, furunculosis, tumors, abscesses, acne, and a general cachectic condition of the system.

Put 4 ounces of the dried cut herb into three pints of distilled water. Soak four hours or more and then simmer 30 minutes slowly. Strain, cool and keep in a cool place. Dose for adults. A wineglassful (2 oz) 3 or 4 times a day. For children, less according to age.

If it is desired to make up more of this decoction, and it is desired to keep it for any length of time, it should be boiled down to 1/3 of its original amount and add to the finished amount of tea 1/2 vegetable glycerine. In other words to one pint of tea add 8 oz. or to a quart add one pint, etc. [NL 1-2]
Gotu Kola: The plant portion above the ground contains a large amount of Vellarin which is a substance that fights infections diseases like leprosy, syphilis, and eczema. Care is taken to dry this herb in the shade to preserve this valuable substance. [NL 5-1]

Barberry: Barberry is also used for specific ailments, notably syphilis. Felter (EMMP&T:244) mentions that Barberry seems to clear up the bone, mucous membrane and skin ailments of the disease, when given persistently in appreciable doses, to a patient who otherwise takes good care of himself. Most practitioners combine Barberry with other herbs for this ailment. [NL 5-4]

Cloves: Another combination, containing Cloves, sandalwood paste, and saffron is said to help in syphilitic affections as an alternative and tonic (Ibid.). This was recently tested in cases of secondary syphilis, with marked benefits to the patients. [NL 6-6]

Echinacea: Many people have observed its good effects in cases of syphilis. The longest time, reported Ellington, to effect the cure was nine months (Ell:363). The patient begins to feel a general improved condition after taking the remedy a few days. It removes the pain and discomfort, removes the fever, and abates the evidences of the disease without after-effects
Treating Lyme Disease Naturally & Effectively

(Revised 2012)

by Dr. Cindee Gardner

Ph.D., HD (R.Hom.), D.Hom., C.Hom.

Lyme disease is the most common tick-borne disease and, in general, is one of the fastest growing infectious diseases today. The CDC reports approximately 10,000 new cases per year but we believe that that number is actually closer to 250,000 new cases. What may not be as well known is that it can be transmitted through other means as well, including breast milk, semen, tears, saliva, and bites from mosquitoes and mites.

Lyme disease got its name from a town in Connecticut where physicians were treating an unusually large number of cases of what was first thought to be Juvenile Rheumatoid Arthritis. Medical investigators eventually found that the condition was actually caused by a bacterial infection, Spirochete. Today we know that we are looking at more than just a simple bacterial disease.

Many Lyme symptoms mimic other diseases, such as MS, Alzheimer’s, Rheumatoid Arthritis, Fibromyalgia, ALS (Lou Gehrig’s Disease) and other autoimmune disorders as well as Parkinson’s and many other ailments, making it difficult to determine whether a patient has Lyme or another disease. Because of this mimicry, many Lyme patients go undiagnosed until they are in a more chronic state.

When I wrote my first Lyme article over 11 years ago, there were less than a handful of practitioners who specialized in the treatment of Lyme. Today, the Internet is filled with many different opinions and treatments promising success with various products, expensive gadgets, “waters,” combination herbs and combination homeopathics. We used to receive more calls from people at the beginning stages of Lyme disease. Now people are delaying treatment because of what they find online. Today, most people who start with us already have spent thousands of dollars in tests and natural products or repeated antibiotics before they contact us for help, and they still have the majority of their symptoms after relapsing before we even begin their cases.

When a patient exhibits a certain combination of these presenting symptoms, we automatically assume we’re dealing with Lyme and treat it as such: Persistent swollen glands, sore throat, fevers, chills, sore soles, especially in the morning, joint pain and/or swelling in fingers, toes, ankles, wrists, knees, elbows, hips, shoulders, numbness in the arms and/or legs, unexplained back pain, stiffness of the joints and back, muscle pain and cramps, obvious muscle weakness, twitching of the face or other muscles, confusion, difficulty thinking, difficulty with concentration, focus and reading, problem absorbing new information, searching for words and names, forgetfulness, poor short term memory, poor attention, disorientation: getting lost, going to wrong places, speech errors, such as wrong words
or misspeaking, mood swings, irritability, depression, anxiety, panic attacks, psychosis (hallucinations, delusions), paranoia, bipolar, tremor, seizures, headaches, light and sound sensitivity, double, or blurry vision with floaters, ear pain, hearing problems, such as buzzing, ringing or decreased hearing, increased motion sickness, vertigo, spinning, off balance, “tippy” feeling, lightheadedness, wooziness, unavoidable need to sit or lie, fainting, flu-like feeling, tingling, numbness, burning or stabbing sensations, shooting pains, skin hypersensitivity, facial paralysis-Bell’s Palsy, dental pain, TMJ, neck cracks and cracks, stiffness, neck pain, fatigue, tiredness, poor stamina, insomnia, fractionated sleep, early awakening, excessive night time sleep, napping during the day, unexplained weight gain or loss, unexplained hair loss, pain in genital area, unexplained menstrual irregularity or milk production, breast pain, irritable bladder, erectile dysfunction, loss of libido, queasy stomach, nausea, heartburn, stomach pain, constipation, diarrhea, constipation alternating with diarrhea, low abdominal pain, cramps, heart murmur or valve prolapse, heart palpitations or skips, “Heart block” on EKG, chest wall pain or sore ribs, head congestion, breathlessness, “air hunger,” unexplained chronic cough, night sweats, exaggerated symptoms or worse hangover from alcohol, skin rashes, conjunctivitis (pinkeye), herpes, Zoster/Shingles.

It is confusing because a Lyme sufferer may not display the telltale rash (erythema migrans), a painless, “bull’s-eye” shaped blotch on the skin the size of a silver dollar, or the more diverse larger rash, or any at all. When the rash is present, there is no doubt that a person has Lyme. However, the rash is only present in about 50% of the cases and may take up to 1 month to even appear. To add insult to injury, many Lyme patients don’t even remember getting bitten as the nymph is very small (about the size of a poppy seed) and can easily go unnoticed.

There are mixed opinions about treatments and simply because someone is listed as a Lyme Literate Dr., it doesn’t necessarily mean that they do anything different than the conventional Drs. when it comes to treatment usually it is antibiotics… although, Lyme Literate Drs. may recognize the importance of recommending some of the tests and symptoms involved in the process.

Naturally, there are splits in the orthodox medical community as well as the alternative community, which have led to divergent diagnoses and treatment of Lyme disease, with the real loser being the patient showing Lyme-like symptoms. These patients are often trapped between opposing medical opinions. Indeed, the severity and treatment of Lyme disease is often complicated due to late diagnoses, failure of antibiotic treatment, and immune suppression in the patient (sometimes resulting from inappropriate treatment with steroids). Often times this is when people call our office for help. Many of our referrals are from Lyme Literate Drs. who have come to their limits of what they can offer their patients.

In addition to late diagnoses, many cases are missed or misdiagnosed due to inconclusive tests. Although newer research has allowed the medical community to use more effective tests in determining Lyme disease (some of the best labs include iGenix and Immuno sciences in California, Fry Labs in Arizona, and Spiro Stat in Texas), the fact remains that even the best tests miss large percentages of positive diagnoses. A common test for Lyme disease, the Elisa Test, misses about 35% of Lyme cases. In addition, the test bans 31 and 34 (based on the IgG and IgM tests) were very accurate for Lyme, however, they were removed from the Western Blot test to create a Lyme vaccine (which turned out to be a failure), leaving the Western Blot a less effective test than it had been prior. Many of the tests are expensive, running anywhere from $600-$2000 and may leave a patient
knowing little more than before, or worse, feeling falsely confident in a negative diagnosis when in fact they do have Lyme disease. We do not find these tests to be necessary in order to help a patient to find relief.

Thankfully, the Homeopathic community remains united over the treatment of Lyme disease, mainly due to the different philosophy that homeopaths use to treat disease. Homeopathy is a system of medicine that diagnoses illness by using the symptoms of a patient to treat the whole body. In other words, no matter what label the orthodox system decides to put on a particular collection of symptoms at a particular time—Lyme disease, chronic fatigue syndrome, multiple sclerosis, whatever—the homeopathic response is to treat the whole person, using the symptoms as the guideposts. That is not to say the orthodox diagnosis is unimportant a proper diagnosis can determine which intercurrent homeopathic nosodes to use as these are made from molecules of the organism causing the infection, which can be of help.

Homeopathic treatment should entail well-selected remedies, including clinical chosen for the patient, intercurrent miasmatic remedies and acute remedies for side effects and die-off symptoms. These remedies should be changed according to the patient’s responses. Then once 75% of the symptoms are taken care of and the patients can manage the acute flair ups (which should lessen in frequency after time as their health is restored) the Lyme disease is eradicated and their health is restored. At that point constitutional remedies should be prescribed at least once a year to maintain the patient’s health.

I wish I could say that using Homeopathy alone would be an effective treatment, but I have found it to be an excellent treatment to use along with medicinal herbs (rotated regularly to stop Lyme adaptation), supportive vitamins, other health enhancing products as well as adjunct therapies. Using them all together properly can result in a true cure: a complete restoration of health!

Noteworthy among the other therapies that we use is fever or heat therapy, which is a method of treatment where a patient raises their core body temperature to 101.5-102 degrees twice per day for 15 to 20 minutes. By creating an “Artificial Fever,” it has a positive effect on the immune system. Often misunderstood, fever is a natural healing response of the body. The function of the immune system is increased naturally during a fever, while virus and bacterial growth is slowed, weakening its hold. This helps the body ward off invading organisms. Patients can accomplish this rise using a sauna, hot tub, steam bath, or through hot baths with diaphoretic tea. I use a radiant heat sauna at my home and find it very soothing as an overall detoxification method. There are portable ones that are affordable to use at home that can be purchased for under $300.00.

The orthodox response to Lyme disease is to treat an infected person with a heavy dose of oral antibiotics, such as doxycycline, axetil, amoxicillin, and cefuroximine, as well as giving injections of penicillin and ceftriaxone. Of course - as orthodox treatments are known to do - those treatments often produce unpleasant side effects, including nausea, diarrhea, sun sensitivity, vaginal yeast infections, rash, glossitis, abdominal pain and an eradication of their immune system. Many patients have explained to me that these types of high dose antibacterial treatment can be almost as painful as the disease. Also, because of the aforementioned split in the orthodox medical system concerning the existence of a chronic form of Lyme disease (I am certain it exists, by the way) many times a doctor will declare his patient cured of Lyme disease and then when the same symptoms reappear a month later re-diagnose the patient with chronic fatigue syndrome. Many people also find that the heavy use
of antibiotics triggers an autoimmune response, complicating the disease, thus making it hard to treat. On top of treating the Lyme, you must also deal with the autoimmune factor as well.

Lyme bugs work hard to protect themselves by existing in a self-produced matrix. The bugs secrete exopolysaccharides and exoproteins, effectively creating an armored shell around the community. Because of these methods, they remain stealth to the immune system and even antibiotics have a difficult time penetrating. Inside these shells, called biofilms, the bugs communicate with each other regarding when to grow. When the community grows large enough, the biofilm breaks, flooding the system with bugs. There are many natural supplements that work to break these up, creating movement, including fish oil, antioxidants, herbal compounds and enzymes. Specific herbs can reduce the number of colonies and reduce the number of cells inside the colonies.

In addition to the disease itself, many sufferers of Lyme also have co-infections, which can cause a lot more problems than the Lyme itself. Babesia, the most common of the co-infections, is found in about 66% of Lyme patients. Symptoms of Babesia are usually neurological in nature, and may include fever, chills, night sweats, weight loss, numbness, tingling, OCD, anxiety and depression. There are many herbs that can be effective in the treatment of Lyme/tic co-infection ailments. A combination of specific herbs has been shown to help with Babesia. Babesia is a protozoa that feeds on iron and causes the destruction of red blood cells. One must be careful not to supplement with iron that cannot be utilized by the body. A proper intake of the case analysis will allow the practitioner to choose supplements that can be absorbed and utilized.

Bartonella is another common co-infection that can wreak havoc in a Lyme patient. Bartonella causes what is referred to as “cat scratch fever.” It attacks the surface of the gut lining and also causes skin problems, sharp pains on the soles of the feet, painful migraines, and the sensation of something crawling under the skin. Another noteworthy co-infection is Rickettsia, which manifests as fatigue, anorexia, anemia, fever, chills, headache, muscle pain, tremors and gut problems. It has a special affinity for the adrenal glands with a key symptom of adrenal fatigue. Herbal adaptogens chosen specifically for the patient are crucial to use for immune depletion along with adrenal building herbs. Natures Folate (not folic acid) and iron-rich easily absorbable herbs may also be beneficial as well as nervine herbs, again chosen for the person’s symptoms.

There are any number of additional co-infections, not limited to but including twenty of newly identified piroplasms, for instance, Ehrlichiosis, parasitic mycoplasmas, STARI (still controversial) and tularemia (rabbit fever), as well as multiple parasitic and bacterial infections which we believe also carry a host of viral cells as well. Several of the infections such as Ehrlichiosis and Anaplasmosis share the same symptoms: but may require different herb protocols. Most individuals with Morgellons disease report disturbing crawling, stinging, and biting sensations, as well as non-healing skin lesions as symptoms and require topical remedies as well as internal ones. There are more and more co-infections that they do not even test for. This is where the homeopathic remedies shine because we are looking at the symptoms rather than the name of the disease.

Proper case management is the key to treating Lyme disease effectively. It is crucial to a rapid and permanent restoration of health. It involves first, a careful analysis of the progression of the disease and the patient. A practitioner must not only work on symptoms and the patient’s state of health at the time of the consult but follow along one step ahead of the expected pathology, gently stimulating the person’s vital force and providing detoxification, while strengthening the patient along the way.
In some cases if the person exhibits a clear pattern by a known tic or co-infection, or testing reveals a positive band, we may start the case with a homeopathic nosode culled from a particular tick that the person contacted. In other cases, we may use one intercurrently when their immune system can handle it without causing an aggravation.

After that I will use specific remedies that work best in the earlier stages of the disorder. Some of the Homeopathic Remedies that I have used successfully in my practice are Sepia, Sulphur, Tellurium, Ledum, Syphilinum, Carcinocin, Kalmia, Arnica, Rhododendron, Bryonia, Gelsemium, Rhus Toxicodendron, Arsenicum Album, Apis, Hypericum, Ruta, Symphytum, Silica, Cimicifuga, Argentum Nitricum, Mercury, Colchicine, Pulsatilla, Lac Caninium, Glycyrrhiza, Lyssinum, Spilanthes, Ixodes, Trombidium, Arbuts, Myristica, Carboneum Sulphuricum, Cimex, China, Psorinum, Toxoplasm, Viscum, Tuberculinum, Natrum Sulphuricum, Candida Albicans, AIDS nosode, Mezurium, and Thuja, and several different Lyme nosodes, among other remedies. If the person has previously used improper doses of the wrong remedies, we may have to start with a clearing remedy before we can attempt the ones for Lyme. In the later or chronic stages of Lyme’s disease, I would include (along with the appropriate nosode therapy mentioned above) a miasmatic remedy to work through genetic weaknesses, using the health history of the patient as a guide. Then I would follow that remedy with the remedies that fits the person’s individual symptoms. I use a more clinical approach with Lyme, as I find simply using a constitutional remedy has never been able to keep up with the pathological progression.

When using Homeopathic remedies in conjunction with corresponding herb combinations, it can greatly accelerate the immune response of a person infected with Lyme’s disease. Herbs are great at helping the body keep its terrain less habitable for harmful bacteria and viruses. Unlike orthodox drugs, that are relatively simple mixtures, herbs contain hundreds of complex constituents that bacteria and viruses cannot become easily resistant to. To even further lessen the chance of the bacteria evolving, I recommend changing the dosages of the Homeopathics and the herbs on a monthly basis. In many instances this has accelerated the healing process at a much faster rate than using the same homeopathic remedies and dosages over an extended period. Choosing the proper ones and taking a more aggressive approach may be needed for the patient to see enough results to know that the program is working and, therefore, to inspire continuation throughout the entire program for complete healing.

Here are a couple of typical examples of two patients using two different protocols:

#1 - A male patient, aged 52, who did not have a positive diagnosis but clearly exhibited many symptoms of chronic Lyme was repertorized as having Cimicifuga and Arnica as his chief remedies to start the case for the first two weeks. His next remedy was EBV Nosode for several days, followed by Gelsemium LMo6 daily for a month. The homeopathic protocol was then repeated, but he was given Gelsemium LM12 for the next month. Along with the homeopathics, he was given several herbal formulas including Ashwangha, Black Cohosh, Wood Betony, and Kava for symptoms of chronic aching and soreness of the muscles and nerves. We alternated two Lyme formulas that incorporated antiviral herbs, as well as some detoxifying NAC to aid the liver, and R-Fraction Alpha Lipoic Acid to help with the mitochondria. We also used an essential oil blend topically on the areas where there was discomfort. He was given several dietary suggestions, including anti inflammatory,
antiviral and antibacterial foods. We adjusted the remedies a few times and after six months, he was symptom free.

For another patient of mine, female aged 70, who was diagnosed with Lyme (several bands) and co-infections who also suffered from Bell’s Palsy as a result of a tick bite, her protocol consisted of the homeopathic remedy Causticum for symptoms including a history of warts on the hands and a rheumatic tearing sensation on the limbs combined with shaking of the forearm. We used a Lyme nosode intercurrently and followed with Ammonium Phosphoricum as it fit the case after the Causticum gave only partial relief. Along with several Lyme herbs, combos which were given in rotation every two weeks, she also received antispasmodic herbs that included Cimicifuga, Cramp Bark, Melilotis and Prickly Ash Bark and as the treatment progressed we increased the dosage of B12 to tolerance levels. We used St. Johns Wort in a standardized formula and also in a decoction tea, and topically massaged chamomile essential oil into the neck and spine with several other detoxification supplements. Her spasms were gone in less than three months time and the other symptoms of the case also improved greatly. TMJ, which was a problem of hers before the protocol, was resolved within a short time.

Each of the two patients above were treated as individuals and their medical histories were considered as well as the presenting symptoms of Lyme.

Good dietary changes, stress reduction techniques and any other therapies that balance or strengthen immune response help us in our healing journey. For over 25 years, I’ve used a specific aloe product called Super Aloe Vera Juice (made for Archeus at http://www.archeusonline.com to help rebuild the gut lining. In some cases, I give a pre and probiotic following antimicrobials. In a full case protocol, we use immune response modifiers that enhance NK cell activity, phagocytosis, and reduction of bacterial load. We also use herbs and nutrients that inhibit the inflammatory cytokine production as well as inhibit fibrinolytic systems. In addition, we also use topical essential oils that enter the brain through the nervous system and cross the brain barrier. It is important to stop the adhesion molecules and prevent lymphocyte entry into the brain and spinal fluids. Part of the protocol is designed to cell remodel.

Using a well-balanced approach is crucial to obtaining a permanent restoration of health. I believe that the body can heal itself of any disorder if given the proper stimulus. Lyme disease is no exception. It makes sense to try an approach that will work with your immune system, like homeopathy, instead of against it. Never settle for being told that a disease is incurable. Get empowered, and get well!
The Top Natural Treatments for Lyme Disease

Taking antibiotics alone isn't a good idea when knocking out this elusive ailment.

BY LEAH ZERBE

Many expert healers say Lyme disease treatment should also include botanicals and exercise.

Lyme disease is a complicated infection, tough to diagnose and even harder to treat if doctors miss an early diagnosis, which is all too often the case. Lyme disease treatment is tricky because the most popular blood tests used in most doctors’ offices to detect the disease miss about 55 percent of Lyme cases. If and when a patient finally is diagnosed, it’s sometimes by a clinical evaluation of the symptoms, ones that often mimic other ailments like fibromyalgia, chronic fatigue, irritable bowel syndrome, rheumatoid arthritis, and even Alzheimer’s disease.

Complicating matters even further, the hodge-podge collection of symptoms often waxes and wanes and moves from one bodily system to another, making it even harder for doctors to effectively diagnose and treat. Headaches, migrating pain, bowel problems, uncharacteristic mood swings, panic attacks, and sleep disorders are just a few of the symptoms commonly reported in Lyme patients.

Antibiotics Aren’t Always the Only Answer
While antibiotics and other prescription meds are certainly helpful in treating the disease and the all-too-common tick-borne co-infections that often hitchhike into your body through a tick bite, experts in natural medicine say there’s also a place for holistic remedies in the treatment and management of Lyme disease, particularly in Lyme patients battling a chronic infection and its side effects. Antibiotics alone may not suffice because Lyme disease is caused by an intracellular spirochete bacterium called Borrelia burgdorferi. "Intracellular means that the spirochete gets into the cell and therefore is not always available to the antibiotics," explains Isaac Eliaz, MD, coauthor of the journal report and founder of Amitabha Medical Clinic and Healing Center in Sebastopol, California. "The cell membrane inadvertently protects
the bacteria and shields it from the antibiotics. The bacteria can also hide dormant in the nervous system, among other places, where antibiotic drugs can't reach them."

Dr. Eliaz and several other well-known experts in the field of natural medicine recently shared natural Lyme disease treatment options in the journal *Alternative and Complimentary Therapies*. The gist is that many natural treatments can help heal the body by knocking out the infection and reducing inflammation while also getting an injured immune system back on track. Visit the [International Lyme and Associated Diseases Society](https://www.lymeassociates.org) site to learn more about preventing and treating Lyme, and to search for doctors who diagnose based on a clinical evaluation, not just blood tests.

**Natural Ways to Deal with Lyme**

**Acupuncture:** While researchers admit more research is warranted, acupuncture appears to be a promising way to help reduce or eliminate pain brought on by Lyme disease.

**Lyme-killing plants:** According to the report, herbs like samoto, banderol, andrographis, Japanese knotweed/resveratrol, smilax, cat's claw, and Stephania all target Lyme and related tick-borne infections. Be sure to talk to a doctor knowledgeable in integrative medicine for more info on taking these herbs.

**Have tea time:** [Green tea](https://www.imunehealth.com) compounds, along with [curcumin](https://www.imunehealth.com), a component of the spice turmeric, are known to reduce oxidative stress and help aid in traditional antibiotic treatment.

**Be tested for deficiencies:** Zinc, B, and D vitamin deficiencies could slow down Lyme recovery, so be sure to ask your doctor to test for these, and improve your diet or supplement accordingly to bring your numbers up to healthy levels.

**Probiotics:** [Probiotic foods](https://www.imunehealth.com) may help replenish beneficial bacteria in the gut that are wiped out by antibiotic Lyme disease treatment. Organic yogurt, kefir, and even fermented vegetables are good sources of probiotics.

**Exercise:** Even small concentrations of oxygen can help destroy Lyme bacteria in the body. Although Lyme typically zaps people's energy, intense exercise during and after treatment can help keep the disease at bay.

**Inflammation annihilators:** Dr. Eliaz recommends natural compounds that ease inflammation, such as curcumin, [modified citrus pectin](https://www.imunehealth.com), and Tibetan Herbal Formula. First and foremost, a low-glycemic-index diet is a must because carbohydrates, including sugar, fuel the Lyme germs. This means ditching most processed foods and avoiding any added sugar. "Understanding the person, and actively supporting the person's general health with emphasis on their immune system, circulation, reduced inflammation, and detoxification can be very helpful," he adds, and notes that high dosages of vitamin C IV and personalized integrative care can make a big difference when treating Lyme disease.
LYME DISEASE: Treatment with Chinese Herbs
by Subhuti Dharmananda, Ph.D., Director, Institute for Traditional Medicine, Portland, Oregon

Lyme disease is the result of a spirochetal infection (*Boerrelia burgdorferi*) transmitted to humans by deer ticks (mainly *Ixodes scapularis*, though a relative, *I. pacificus* is the carrier in the Western U.S.). The infection sometimes results in a serious disease pattern, most often characterized by progressively worsening arthralgia, though a central nervous system disorder or even a heart disorder may arise (1, 2, 3, 10). The disease is named for the town (Old Lyme, Connecticut) where, in 1975, a number of children presenting symptoms similar to juvenile rheumatoid arthritis were eventually found to have acquired this *Boerrelia* infection.

The occurrence of Lyme disease is regional, being dependent on:
1. the distribution of the ticks that carry the bacteria (prevalent in forested areas in temperate climates, such as northern U.S. and northern Europe);

2. the presence of this particular bacteria in the ticks. The bacteria is carried by animals, particularly mice and deer, that are bitten by the tick; in the endemic area, only about 15-30% of ticks are infected; and

3. exposure of the human population to the ticks, which generally requires living in or venturing into areas where the ticks can be directly encountered.

Contact with a tick does not necessarily mean the disease will be experienced. In fact, it is estimated that only 1-3% of tick bites result in Lyme disease. While the region where infection is a somewhat likely possibility is expanding, the primary distribution still remains limited. As of 1995, it was reported that *Boerrelia* infections in the U.S. occurred mainly in 8 states of the northeastern U.S. and one Midwest state (Wisconsin). Retrospective studies indicate that there were probably a few cases of this disease many decades earlier, with cases appearing in Massachusetts and Wisconsin in the 1960s, and in northern Europe as early as the 1920s. There is some evidence to suggest cases of this or a very similar disease in Germany—a country that was heavily forested and full of deer—in the 1880s. The reason for the sudden epidemic of the disease during the past 25 years has been the change in land use and lifestyle that occurred, such as new growth of forests in abandoned farm land and movement of city dwellers into the forested countryside, either for recreation or for a new place to live. For those who are at risk for acquiring the infection, a vaccine against *Boerrelia burgdorferi* has been approved by the FDA and is now readily available.

There is no reference to Lyme disease in the Chinese literature and there may be none for some time, as most of China’s forests have been eliminated. There are other spirochetal infections that have been addressed by Chinese physicians and by Chinese researchers conducting clinical trials or laboratory tests of infection-inhibiting properties. The relevant organism most often studied in China is *Leptospira*, which causes the disease called leptospirosis. This organism is carried by a wide range of animals, and is not uncommon in animals raised for food. In China, it has long been common practice for each family to keep animals, such as pigs and chickens, in and around their homes, so exposure has been possible for a large portion of the population. The bacterium can enter the body through the skin, usually from contact with animal urine. A small outbreak occurred at Fort Bragg in the U.S. in 1942, and the disease was nicknamed Fort Bragg Fever. Its cause was traced to swimming in ponds and streams that had been contaminated by livestock urine. Fewer than 200 cases occur in the U.S. each year, mostly in the warm southeastern states.
TRADITIONAL AND MODERN VIEWS OF LEPTOSPIROSIS AND ITS TREATMENT

The *Leptospira* infection causes fever and chills, headache, and muscle ache (especially in the shoulders). These symptoms match the *Shang Han* disease described in the ancient text *Shang Han Lun*. In fact, the initial course of leptospirosis follows a pattern, over a period of several days, that is somewhat like that described in the ancient text. In the advanced stage, leptospirosis can cause liver disease (with jaundice) or a severe form of meningitis; the symptoms of some cases of advanced *Shang Han* disease are similar. According to proponents of the general application of the *Shang Han Lun* as a guide to treatment of disease, the formulas recommended in that text could be used for modern diseases with similar symptom presentation. Accordingly, early stage of spirochetal infection, such as Lyme disease and Fort Bragg fever, might be treated by the same formulas used in the *Shang Han Lun* (see: *A modern view of the Shang Han Lun*).

Modern understanding of these infectious diseases may help reflect on the development of Chinese concepts of disease causation and treatment. *Shang Han* disease occurred most frequently in winter, the time of year when animals were brought into the house, thereby increasing opportunity for exposure to pathogens; thus, exposure of people to cold may not have been the reason that some diseases were observed to occur during the cold season. Similarly, the summer heat syndrome, which often produces digestive system disturbances, may not be the direct result of exposures of humans to the damp, hot climate, but exposure to pathogens that grow in that climate and infect the food and water supplies (see the articles: *The six qi and six yin* and *Pill Curing and Huoxiang Zhengqi Pian*).

The book *Modern Study and Application of Materia Medica* (4) provides information about herbs reputed to inhibit *Leptospira* based on laboratory testing (herb extract applied to cultured bacteria causing them to die) and, in some cases, clinical evaluation (herbs administered to infected patients resulting in clearance of symptoms). The following list of leptospira-inhibiting herbs was culled from the Chinese medical literature:

| Isatis leaf | Smilax |
| Isatis root | Gardenia |
| Andrographis | Hu-chang |
| Coptis | Chien-li-kuang |
| Scute | Verbena |
| Phellodendron | Sanguisorba |
| Forsythia | Ching-hao |
Most of these herbs treat a condition described as damp-heat; many of the herbs have broad-spectrum antibiotic and antiviral properties. The book *Thousand Formulas and Thousand Herbs of Traditional Chinese Medicine* (5), no doubt relying on the same source material, listed the first nine ingredients of the above list as inhibitors of *Leptospira*; this text also presents five traditional formulas suggested for treating leptospirosis, divided by syndrome:

- **Exogenous pathogen invading the qi phase** (this corresponds to the initial disease symptoms, which may include a flu-like pattern): *Yin Qiao San* (Lonicera and Forsythia Formula).
- **Summer heat and damp heat misting the three burners** (for treatment of skin manifestations of the disease, such as rashes): *Sanshi San* (Three Stone Powder, made with calamine, gypsum, and red kaolin; this is applied topically).
- **Acute jaundice** (this is the manifestation of leptospirosis as liver disease): *Ermiao San* (Red Atractylodes and Phellodendron Powder; this is a general formula for damp-heat).
- **Summer heat injuring the lung**: *Xin Jia Xiangru Yin* (Modification of Elsholtzia Combination; the base formula contains elscholtzia, dolichos, and magnolia bark; a common addition is coptis).
- **Heat invading the pericardium with liver wind moving internally** (this is the manifestation of leptospirosis as meningitis): *Zhengan Xifeng Tang plus Angong Niuhuang Wan* (Decoction to Subdue Internal Wind plus Pill of Ox Gallstone to Pacify the Palace).

All of the recommended formulas treat a heat syndrome, and include herbs that alleviate damp-heat, though they include few herbs from the list of those that have thus far been shown to inhibit the subject organism in laboratory and clinical tests. The herbal therapies may alleviate symptoms without curing the spirochetal infection, while it is the cure of the disease, defined by freedom from the bacteria, that is the goal of most Western patients and their physicians.

**CLINICAL EVALUATIONS**
There was considerable clinical research into treatment of leptospirosis in China during the early 1970s (9). It was reported that tablets prepared from equal amounts of the extracts of scute, lonicera, and forsythia, administered three times daily in large amounts were useful for treating mild and moderate cases of the disease. Andrographis extract, in the form of an injection or tablets of the crude extract or of the isolated lactones, was reported to effectively treat leptospirosis. In one evaluation,
31 of 35 cases were said to be cured by the andrographis lactones (mainly diterpene lactones, which are also found in the anticancer herb rabdosia).

More recently, Deng Shifa reported on efforts at prevention and treatment of leptospirosis (6, 7). He administered a decoction prepared from fresh, rather than dried, herbs, using ching-hao, houttuynia, eclipia, imperata, mentha, lonicera stem, humulus (lucao), and rhubarb. This formula only includes one herb, ching-hao, from the list of individual herbs above. The drink was consumed 4-6 times per day (that is, at intervals of 2-4 hours), and it was reported that recovery from symptoms occurred, on average, in about 11 days. The results obtained with the Chinese herbs were similar to those obtained with penicillin, based on cure rate, which was 97%. The same herb formula, with rhubarb deleted, was said to help prevent leptospirosis.

Another spirochete, Treponema, gives rise to two diseases, syphilis (from *T. pallidum*) and yaws (from *T. pertenue*). Since these diseases are easily controlled by modern antibiotic therapy, there is little mention of herbal remedies in the literature. Smilax (*tufuling*), an herb for damp-heat that is included in the list of anti-leptospira herbs, is still prominently mentioned for this application (4, 8). In Western herbal practice, a species of *Smilax*, known popularly as sarsaparilla, was used for treatment of syphilis. This repeated reference to the herb in clinical use supports the idea that smilax may have a reliable inhibitory effect for spirochetal infections. Treponemes have been isolated from the blood of patients with Lyme disease, suggesting that the ticks may harbor both types of spirochetes.

**TCM ANALYSIS OF LYME DISEASE**

The traditional Chinese medicine (TCM) analysis of a new disease, such as Lyme disease, depends on the disease manifestations and the analysis of other diseases that have some characteristics in common with it. The salient features are these:

1. the tick introduces the pathogen into the blood stream directly;
2. the infection typically yields a blotchy red rash, often in a "bull's eye" pattern of red skin coloration and swelling, about 3-20 days after the tick bite;
3. there may be flu-like symptoms, including fever, headache, sore throat, nausea, fatigue, swollen glands, stiff neck, aching muscles; and
4. if unresolved there may be recurrences of fever and, usually after several months, arthralgia, usually in the knees, with swelling and hot feeling.
It is estimated that 25-50% of those infected do not get the rash or flu-like symptoms, and that about half of those who experience the rash go on to experience arthralgia. The disease may be interpreted in TCM terms most simply as a heat pathogen entering the blood, which can reside as a "hidden toxin" in some individuals, manifesting disease symptoms later, after some factor activates it.

As an example of traditional prescribing that might be appropriate to Lyme disease, a formula recommended for a heat toxin entering the blood and producing eruption of macules (11) is Lonicera and Gypsum Combination (Liangxue Baidu Tang; Cool Blood and Defeat Toxin Decoction). It contains forsythia, gardenia, scute, and coptis, which are included in the list of anti-leptispirosa herbs, along with gypsum, talc, lonicera, anemarrhena, carthamus, moutan, raw rehmannia, scrophularia, and imperata (the original formula also included horns of antelope and rhino).

**TREATMENT OPTIONS IN THE WEST**

Medical studies suggest that if the *Boerrelia* infection can be treated soon after it occurs with antibiotics, there is strong likelihood of it being eliminated quickly and completely. The current medical treatment for Lyme disease is a course of therapy using doxycycline, amoxicillin, penicillin, or erythromycin. These are taken orally except in severe cases in which they may be administered intravenously instead. Many of those who become infected spontaneously recover within days or months even without antibiotics (no doubt, the bacteria eventually succumbs to the immune system). For those who have the infection for months prior to treatment without improvement, antibiotics may need to be administered for several months before the infection finally resolves, and some cases may entirely escape cure with this therapy due to the characteristics of the bacteria (ability to avoid the immune system by antigenic changes on its surface and ability to avoid antibiotic inhibition by infiltrating areas of the body, such as the joints, that have lower levels of exposure to the drug).

The absence of direct clinical evaluation of Chinese herbs in relation to Lyme disease means that there is some difficulty recommending that this method be used in lieu of the currently accepted course of antibiotics. Some individuals may wish to attempt to increase the chances of success with antibiotics or even shorten the duration of treatment with antibiotics by combining a Chinese herbal treatment, and a few individuals may wish to try using Chinese herbs alone, saving the antibiotic therapy as a back-up. One would apply herbs that are reputed to inhibit other spirochetes (since these should have an excellent chance of inhibiting this one), as well as any herbs that might treat the specific symptoms or the patient's constitution.

The Seven Forests herb formula tablet Isatis 6 provides isatis leaf, hu-chang, and andrographis from the list of herbs given above, and the Seven Forests formula
Forsythia 18 provides forsythia, gardenia, scute, phellodendron, and coptis, which are also on that list. Together, these formulas may provide the bacterial inhibition that is sought from Chinese herbs in a convenient form of administration (suggested dosage would be 3-5 tablets of each formula, three times daily). As with treatment of any infection, the intended application is a high dosage for a few days or weeks. Since the formulas fall into the category of clearing heat, persons with symptoms and signs indicating a constitutional cold syndrome would probably do better to have a personalized formula made (e.g., extract granules), combining the desired antibacterial ingredients (which have a cold nature) with herbs for addressing the constitutional imbalance.

The single herb ching-hao may be of interest in treating this disease. This is an herb for damp-heat that is one of the most effective herbal agents for treating malaria, another parasitic disease (though a very different pathogen) introduced directly into the blood stream by an insect (mosquito). It was included in the formula recommended by Deng Shifa for treatment and prevention of leptospirosis. Aside from being listed as an anti-spirochete based on laboratory evaluation, this herb also helps regulate the immune system in cases of autoimmune disorders. For example, it is found useful in treating the autoimmune attack against connective tissue (mainly skin and joints) in patients with lupus (9). The arthralgia experienced by persons with advanced Lyme disease may involve some autoimmune component (at this time, it is unclear whether persistence of the bacteria is solely responsible for persisting symptoms or if there is an induced autoimmune process that contributes to the symptoms).

Further, if the symptoms of arthralgia have already developed, then herbs traditionally used for that purpose would also be administered (selection of ingredients would depend on symptom presentation and constitutional factors). Lonicera stem, included in the treatment for leptospirosis described by Deng Shifen, may be of interest, as it is used like lonicera flower as an anti-toxin agent, but is considered a specific treatment for arthralgia.
Based on the analysis that has been presented here, for patients willing to take a decoction or dried decoction, the following is proposed as a base formula that may be modified, if deemed necessary, for individual needs:

Anti-Spirochete Mixture (equal parts)
Smilax Ching-hao
Forsythia Hu-chang
Andrographis Lonicera stem

When using a decoction, the dosage of individual herbs should be 12-15 grams for a one day dose. Using dried decoctions, a daily dosage of 15-18 grams of the mixture would be appropriate. Three times per day dosing is a usual recommendation for the treatment of infections.

REFERENCES

3. Lane K (executive editor), Merck Manual of Medical Information, Merck & Co., Inc., West Point, PA.


*June 1999*
Natural Strategies to Cure Lyme Disease

Up to 300,000 Americans are diagnosed with Lyme disease every year according to new research from the Centers of Disease Control (CDC).
**Lyme disease** is a complicated infection that was originally defined being caused by a tick bite from the *borrelia burgdorferi* species. More recent definitions state that mosquitoes, spiders, fleas and mites may also be capable of spreading the same or similar infections. The bacteria that is injected by the insect has been found in the skin, heart, joints, and nervous system in those bitten. Many of the symptoms reveal that lyme causes an immune response in the body. Acute onset of lyme disease can often present with a bullseye rash at the location of the bite.

Lyme symptoms can start with flu like symptoms, headaches, muscle and joint pain. Over time, the symptoms can continue to worsen and turn into a long-lived inflammatory response and autoimmune illness.

In testing for lyme, several tests are available the most popular being a combination of the Western blot and ELISA test which measure specific antibodies in the blood. This testing has flaws and is far from conclusive. Another test that may be effective in diagnosing Lyme disease is direct microscopy which is done by Fry Labs in Arizona. This is the preferred method often done with traditional testing for holistic health practitioners.

**The “REAL” Cause of Lyme Disease**

It may seem like we know the cause of Lyme disease which is an infection caused by a tick bite, but the truth is the cause of disease is more in-depth than that.

I believe the real cause of chronic Lyme disease is related to these 4 things:

1. Weakened immunity
2. Inhibited cellular function and protection
3. Systemic bacterial infection
4. Environmental factors including exposure to mold and parasites
If you are going to heal from Lyme all of these issues must be addressed.
Let’s start by talking about how to naturally boost immunity.

**Immune Function Key for Killing Lyme**

**Lyme Disease - clinical stages**

- Stage 1 (Early localized): days
  - erythema migrans rash at tick bite site
- Stage 2 (Early disseminated): weeks
  - flu-like illness,
  - cardiac, neurologic
- Stage 3 (Late) - months to years:
  - Lyme arthritis
  - Encephalopathy or Neuropathy

According to medical experts, there are hundreds of thousands of people who have Lyme disease and don’t even know it.

Let me ask you this question, how is it possible that one person can have Lyme and have no symptoms, and yet others can have chronic symptoms that can be crippling at times?

Everyone is hosting viruses, bad bacteria, funguses, and cancer cells in their body. What’s important is **how strong your immunity** is at keeping these invaders at bay.

It’s the exact same scenario with Lyme disease. If you can naturally boost your immune system, your body can overcome lyme and balance out your immune and inflammatory responses.

The top foods and supplements to naturally boost immunity include

**Immune Boosting Mushrooms** including cordycep, reishi and maitake mushrooms have been proven to activate your immune response. These mushrooms boost an intracellular antioxidant called superoxide dismutase (SOD) that protects your cells. Also, they increase function of natural killer cells that can kill off bad bacteria.
**Vitamin D3** naturally boosts immunity and it’s vital to supplement with around 5,000IU daily especially if you live in the northern region of the world and don’t get much direct sunlight exposure.

**Bone Broth** contains proline and glycine and can help repair a leaky gut and enhance immune function so this can be a health transforming food.

**Improve Cellular Function**
The next step in treating lyme is to improve cellular function and protection. The lyme bacteria along with viruses and parasites can attack your cells and weaken your defenses. In order to restore cellular function consider adding these nutrients and foods into your regime:

**CoQ10** can protected your brain and nervous system from degradation and improve cellular function. Heart biopsies done on lyme patients showed they are deficient in this essential nutrients. Most physicians recommend taking 200mg 2x daily.

**B-Complex** vitamins support cellular function and help fight infections and improve neurological health. Vitamin B-6 is especially important for lyme patients.

**Omega-3** fatty acids are highly anti-inflammatory and support cellular and neurological function. Consume wild caught fish as often as possible and supplement with 1,000mg of fish oil a day that contains astaxanthin.

Also, **magnesium** can support cellular function and turmeric can protect your cells and reduce inflammation which can be helpful in treating lyme disease.

**Systemic Bacterial Infection**
The most common treatment for lyme disease today is prescription antibiotic use. The problem here is that it’s simply treating a small part of lyme and not the entire condition. Also, antibiotics use can weaken the immune system over time making the lyme bacteria spread and worsen.
To truly kill off the bad bacteria we must overcrowd it with good bacteria and here is how I recommend you consider doing that.

Probiotic rich foods like kefir, amasai, and raw goat’s milk yogurt are your highest sources of probiotics. If are you going to get rid of lyme for good you need to do more than just kill the bad bacteria you must also cause your good bacteria to grow and flourish so the bad has nowhere to grow.

In addition to consuming probiotic rich foods, I recommend supplementing with probiotics with at least 8 strains and 50 billion units daily. I believe this is the most important factor in destroying lyme.

Also, fermented vegetables like sauerkraut, kimchi, and kvass can be beneficial and should be added to your diet.

Emotional Stress has been proven time and time again to weaken immune function, imbalance hormones and cause infections to spread. If you live in a state of “high stress” you must address this issue if you are truly going to heal.

In order to do this I recommend first you schedule times of rest into your week and fun times with family, friends, and alone time.

Second, I suggest you practice forgiveness, address past emotional trauma, and ask God for healing and guidance. Many people with lyme and autoimmune conditions have deep seeded issues that interfere with healing. A good friend of mine Dr. Alex Loyd has a book called The Healing Code you may consider reading.

Third, supplementing with adaptogenic herbs such as ashwagandha can naturally reduce stress on the body and balance cortisol levels.

Other Underlying Issues
In addition to having lyme disease sometimes other factors can keep you from healing completely. According to lyme disease expert Dr. Dietrich
Klinghardt two other common issues with lyme patients are **mold exposure** and **parasites**.

To naturally treat using activated carbon (activated charcoal) has been proven effective as well as using bentonite clay can also be beneficial. Make sure to take these two supplements on an empty stomach because they can also bind to minerals.

In treatment of parasites consuming a diet low in sugar and high in healthy fats and probiotics is important along with taking herbs that can kill parasites including wormwood, black walnut, oregano, garlic, and grapefruit seed extract.

**The Lyme Diet and Supplement Customization**

Now I want to be clear, someone struggling with lyme disease may have all of these 4 issues or only one of the above. I recommend CoQ10 for many with lyme disease, but remember NOT ALL people with lyme will have this deficiency. What I recommend is to first change your diet to what I suggest below, sleep 9 hours a night, reduce stress, address emotional issues, then try different supplements and listen to your body to notice what works.

As basic dietary advice, I recommend removing grains, fruit, and sugar from your diet and consuming mostly vegetables, nuts, seeds, coconut, bone broth, organic meat, and raw cultured dairy. If you want to more diet specifics, check out my articles here on Healing Your Gut.

[http://www.downloads.imune.net/medicalbooks/RULES%20FOR%20THE%20STOMACH%20Disease%20starts%20in%20the%20gut.pdf](http://www.downloads.imune.net/medicalbooks/RULES%20FOR%20THE%20STOMACH%20Disease%20starts%20in%20the%20gut.pdf)
[http://www.downloads.imune.net/medicalbooks/Mental%20Health%20and%20the%20Gut%20Flora,%20the%20Research%20Evidence.pdf](http://www.downloads.imune.net/medicalbooks/Mental%20Health%20and%20the%20Gut%20Flora,%20the%20Research%20Evidence.pdf)
Naturally overcoming lyme disease can take time and remember to not just treat lyme but instead focus on getting your body into a healing state.

References
Lyme disease can be defined as a complication that occurs because of infections. Often, the symptoms of this disease are very difficult to diagnose and this makes the treatment possibilities even worse. The simplest way of understanding if one has Lyme disease or not is through blood tests. What you can also do is try to understand the common symptoms that occur with the same.

These include problems of the bowel, followed by mood swings, headaches and pains that are frequent and even lack of sleep. Even if there are some other similar symptoms following suit, it is best to get yourself tested. Rather than opting for chemical solutions, check out these simple natural remedies for Lyme disease-
Over the years researchers have found out that acupuncture is one of the best ways for eliminating the symptoms associated with the disease and also treating it. What happens here is that the process helps in diminishing the pain, which is caused by Lyme disease and this helps in faster healing. As the immunity improves gradually and pain diminishes, recovery is much faster.
Herbs

There are arrays of herbs that are highly beneficial in treating Lyme disease. These herbs help to combat the signs of the disease and provide effective healing. For instance, samento, smilax, cat’s claw, Banderol, andrographis, etc. are some of the effective herbs here that fight infections and help in faster healing. They can be consumed in raw forms or taken as supplements too.
Green tea is one of the best sources of natural antioxidants available today. The compounds found in green tea include curcumin, which helps in reducing inflammation, has antibiotic properties and also hastens the overall process of internal healing.
Probiotics For Lyme Disease

There are a lot of probiotic foods that are highly suggested for curbing the infection and helping in fighting bacteria. These foods include yogurt that contains antibiotic properties for fighting Lyme disease. You can have the same in the form of smoothies or even on its own.
Probiotic yogurt stimulates the immune system. Peer-reviewed studies report that the regular use of yogurt reduces:
a) the levels of harmful bacteria that promote dental decay and periodontal disease in the mouths of children;
b) the risk of premature birth in women with bacterial vaginosis and preeclampsia (high blood pressure) in first time mothers;
c) the likelihood of diarrhea and other gastrointestinal complaints relating to antibiotic use;
d) the incidence of type 2 diabetes and metabolic syndrome according to intervention trials and large population studies.

Stop Anti-biotics Use Probiotics

There are good and bad bacteria. Good bacteria fight bad bacteria.

Here is what Probiotics do for you and your family.
Dietary Changes

Since Lyme’s disease is a sign of weakened immunity, it is vital to make changes in the diet. You should also check or get yourself tested for different kinds of deficiencies that happen in the body like zinc or vitamins. Remember that immunity is very crucial when it comes to preventing and curing this problem. What you should do is include a diet or change your diet to fresh foods and fruits. These are high on vitamins and other minerals, which help in fighting infection and help the body to heal. Eating such diets ensures faster and quicker recovery from the disease.
Exercise For Lyme Disease

Again, you should implement all steps possible for getting over the disease by natural methods. Exercises are one of the other sure shot ways of doing so. What happens here is that you are able to boost immunity, increase the levels of energy and thus fight the disease. Bacteria in the body are destroyed to. According to researches, those who exercised at least thrice a week for about 30 minutes healed much faster in comparison to individuals who did not.
According to researches, consuming one or more clove of garlic in a day, uncooked and in raw form is the best way of treating this disease. A lot of people may not even think of having garlic in raw forms because of the smell, but when you are consuming it like a tablet with a gulp of water, there is really not much of bad breath.

Also, if you do chew the raw garlic, you may get some smell, but it sure works in curing the disease. It is this smell, which really works in killing the infection, so try to chew and eat the garlic. Again, do not cook the garlic here because you will be killing the healing properties it has. So chew on raw garlic through salads and other raw food forms.
Magnesium deficiency has been one of the most common causes of this disease. Often a lot of people don’t understand the same and thus keep on getting the disease time and again. The reduction of magnesium levels in your red blood cells clearly indicate that you are suffering from Lyme disease. What you can do here is have magnesium in natural forms through broccoli, tomatoes and other similar sources.

Treating Lyme disease via omega 3 essential fatty acids is quick and economical. What you can do is consume flaxseed oil, which is the best sources for omega-3 essential fatty acids and helps in boosting the immune system. You should try to consume at least 4-5 tea spoons of this oil in a day. You can have it via salads or mix it in your food.
Oranges and lemons are the best bet here to treat Lyme disease. Basically citrus fruits are known for boosting the immunity of the individual along with providing an array of other minerals, which are vital for faster healing. Some of the fruits that you can consume here are mandarin, grapefruit and even pummel apart from lemons and oranges.

Aloe Vera

Aloe Vera has healing properties that are not just restricted to external problems but also for diseases. What you can do here is consume the fresh juice of this plant on an everyday basis. If the fresh fruit is not accessible then opt for packaged ones, which are organic and free from preservatives. This helps in detoxification and faster healing as the immunity gets a boost.
Olive Leaf Reduce Lyme Disease

The olive leaf extract have rich and natural antibiotic properties that aid in healing this disease. Along with being rich in elements that fight bacteria and viruses, this leaf helps to combat many other diseases too along with improving immunity. Have the juice of the extract or chew the leaf and consume the juices. These are some natural ways for treating and healing Lyme’s disease for good. They make take a bit of time, but surely come without any side effects.
IMUNE International Medical University of Natural Education

Desire is the Professor Emeritus of IMUNE. IMUNE is an accredited and legally registered medical university in Europe.

Since 1995 IMUNE has been offering medical education in a variety of subjects to defend and perpetuate Natural Medicine. There are many small minded people being driven by the Synthetic chemical companies to destroy Natural Medicine as a viable choice in Medicine. IMUNE has offices in Switzerland, Mexico, Dubai, Budapest, England, and the British Virgin Islands. The small petty minded pieties of the chemical companies constantly attack with their anal retentive biased short sided views.

We must fight for freedom of choice and especially freedom of choice on medicine.

Education...
...free from Borders  www.imune.net