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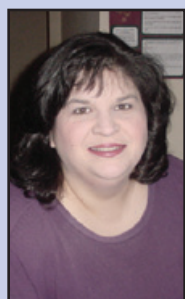
PUBLIC HEALTH ALERT

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Investigating Lyme Disease & Chronic Illnesses in the USA

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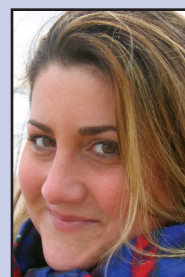
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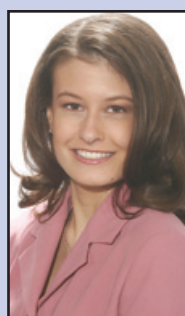
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Ignore Bartonella and Die Trivializing Bartonella is Like Ignoring TNT

Radically New 2008 Information About a Flea and Tick Infection More Common Than Lyme

by **Dr. James Schaller, MD.**

As you read this article, Bartonella is making microscopic fat deposits in many human hearts. These will undermine the normal pace-maker stimulation in their heart and cause death. Others are weakening blood vessel walls to create a stroke. Still others with Bartonella are struggling with an agitated depression or aggressive rage that makes them prone to suicide. The psychiatric treatment of a patient with Bartonella is highly specialized and most family physicians and psychiatrists do not know how to treat a patient suffering from Bartonella-caused psychiatric disorders.

Bartonella is connected to red blood cells that are entering every human organ. Some are leaving their red blood cell carriers and entering tissues next to capillaries all over the body.

They enter all organs and cause the following sample illnesses:

All Psychiatric disorders, Numbness or Loss of Sensation, Dizziness, Headaches, Tremors, Irritability, Agitation, Aggression, Impulsivity, Oxygen Deprivation, Panic Attacks, Fainting, Muscle Spasms and/or Weakness, Joint Pain, Upper and Lower G.I. Tract Disorders, Kidney, Bladder, and Urogenital Disorders.

Also common are: Fatigue, Sleep Disorders, Memory Problems, and Drowsiness. Obvious physical symptoms such as Lumps in the Skin, Many types of Rashes, Polyps in or on Major Organs, Ocular Disorders, e.g., Blurred Vision, Depth Perception, and Retinal Damage.

This modified list from Breitschwerdt and others (*Emerging Infectious Diseases* June 2007; 13:pg 938ff) is a small sample of Bartonella medical ills. For example, in another series of articles, 15-25 eye ailments are listed.

In the same manner Lyme disease was initially seen as merely an arthritis disease and Babesia as a disease causing only fevers, fatigue and

sweats. We have learned with each passing year that Babesia infections have hundreds of symptoms. Bartonella is similar. It was initially seen as a virus and as having 2-3 species with American forms generally only causing a cold, a mild fever and a passing increase in lymph node size or tenderness. The reality is that thousands of articles show Bartonella harms many parts of the body and can cause multiple types of tissue injury. It is also so common that just this week another human species was found -- Bartonella rochalimae.

With the publication of my Babesia textbook, and the wise warnings and generous lessons of practitioners like Drs. Jemsek, Horowitz and Burrascano, I was able to consolidate their exceptional experience into a single book to help patients and physicians to quickly learn about Babesia.

As you can see from the new patent pending Fry blood slides in this article, which show Babesia with many Bartonella images, you can see the discovery of a revolutionary blood smear test which shows all species of Bartonella and Babesia. The light has been turned on in the midnight kitchen, and all the largest "Bartonella bugs" can be seen crawling around in the kitchen with this special blood stain. Currently, approximately 10 species of Bartonella and 13



PHOTO A: This woman had been ill for years and had failed gaining a full cure from the help of many smart and Lyme literate MD's. She became red, particularly in her face, whenever she was exposed to any chemical. The CLIA-approved Fry blood slide showed Bartonella and our other labs showed very low anti-inflammation chemicals. So she would become inflamed with any irritant to the skin.

PHOTO B: Note the patient's obesity which can collect around the middle or look as if one were blown up like a balloon all over one's entire body. This type of weight gain is hard to remove. She also has calf lacerations which due to Bartonella has taken 5-10x longer to heal. We see this routinely in plastic surgery, i.e., profoundly slow healing.

PHOTO C: Basic and obsolete materials on Bartonella teach that this infection is typically almost always found with a papule-- a tag-like skin finding. While these can be present in Bartonella, we find them in only 5% of these patients. They can be any color and often are accidentally shaved off.

species of Babesia exist which infect humans. This specialized patent pending slide has made them markedly visible-- like a July 4th firework explosion.

While curing patients all over the world with this new tool to direct me, this stain also allows me to see what really kills both of these infections. I have sent the same slide to the largest labs in the USA. Not one patient has been



Dr. James Schaller, MD. has done some of the most extensive research regarding Bartonella world wide.

diagnosed on a manual smear by leading large medical labs! Their stains are junk, and their ability to see these two infections are worthless.

The year 2007 will mark the death of the expression "co-infection," because increasingly patients have awareness that Babesia and Bartonella are not little addendums to Lyme disease, but are often far more serious than Lyme disease. Any physician who is not well-versed in these two killing infections will not

on the up-to-date issues of the diagnosis and treatment of Bartonella. This stunning lack of information about a profoundly common human infection has added to the danger of this infection. In Asian stories, the Ninja is felt to be a dangerous assassin because he has mastered invisibility techniques. This article is meant to be the first summary article to shine a bright lamp on the infectious Ninja-Bartonella.

Bartonella is Everywhere

Bartonella is so common that 40% of California cats have lab findings showing contact with the illness. Since 1/3 of all USA homes have a cat, this means many of the 70 million cats in the USA can playfully bite, lick or scratch a human and infect them. But one thing wrong with this 40% number is the assumption that the test

used is reliable and catches every Bartonella positive cat. I have sent positive animal and human samples to many labs and they were routinely missed. So I believe DNA or PCR tests and various antibody tests (IgG/IgM) can support a diagnosis if they are positive, but remember they typically miss infected animals and humans.

Later this year I will be publishing *The Diagnosis and Treatment of Bartonella*. Despite millions of books in print, no book currently exists

"Bartonella"...cont'd pg 2

“Bartonella”...cont’d from pg 1

In contrast to Lyme disease, Bartonella is virtually everywhere except countries near the cold northern and southern poles. The reason Bartonella is so common is that it is found in many vectors or insect carriers. Here are some sample vectors and ways a

that Bartonella clearly infects the placenta, and infected baby mice are born smaller; further, Bartonella decreases successful pregnancies
Bartonella is carried in a number of vectors and animals, but articles that report strict limits on the location of each

routine Bartonella infections. Some "atypical" findings include: distortion of vision, abdominal pain, severe liver and spleen tissue abnormalities, bone infection, arthritis, abscesses, skin sores, heart tissue and heart valve problems. While some articles discuss Bartonella as a cause of neurological illnesses, psychiatric illnesses have received virtually no attention. This is amazing, because almost all of my Bartonella patients have some character, mood or cognitive alterations. Further, their dosing of psychiatric medications is radically different. Some can only tolerate 1/4th of the smallest Lexapro and others need 60 mgs.

The presence of Bartonella-induced psychiatric symptoms should not be surprising for a number of reasons. First, psychiatric disorders are brain disorders and Bartonella is documented as causing many diverse neurological brain disorders. Bartonella infections are associated with red blood cells (RBC), which allow small Bartonella bacteria, a fraction of the RBC cell size to enter the brain's vascular system. These Bartonella-infected cells penetrate brain tissue. Finally, with 9-10 species or subspecies that can infect humans, it is possible this larger number of species can produce a wider range of signs and symptoms- some of which might be psychiatric in nature. Below, I offer a medical case with psychiatric symptoms that emerged during a Bartonella infection.



Bartonella has a wide range of vectors or infectious insects, which pass on Bartonella to humans. Some people do not have Lyme and only have Bartonella. This is usually because they have been exposed to young cats, fleas, flea feces, lice, certain flies and some occasional dogs. Probably the most common type of Bartonella is attracted to cats and carried in fleas. About 33% of USA homes have a cat. And in one California study it was found that 40% of their cats were infected with Bartonella antibodies. Since the typical testing done in people and mammal pets is poor, I would suggest that the percentage is far above 40%.

Bartonella and Psychiatric Symptoms
First, this emerging infection is found in cities, suburbs and rural locations. Presently routine national labs offer testing of questionable quality for only two species, but at least nine have been discovered as human infections

Bartonella infection can be passed.

*Four Bartonella species have



This woman has received five months with three Bartonella treatments. Initially, she had many lesions and lumpy spots, and they have largely decreased. She was called "bipolar" by two psychiatrists, but we determined she was simply neurologically inflamed and gave her some Band-Aid medications to calm her while we treated her underlying Bartonella.

been found in dust mites
*Flea bites

*Flea feces— Bartonella live at least nine days in this substance. If it touches a human mouth, nose, or eye, Bartonella can infect a person

*Cats and dogs can carry this infection in their paws and saliva, and scratch, lick or bite you

*Lice – such as forms found in schools or dirty areas

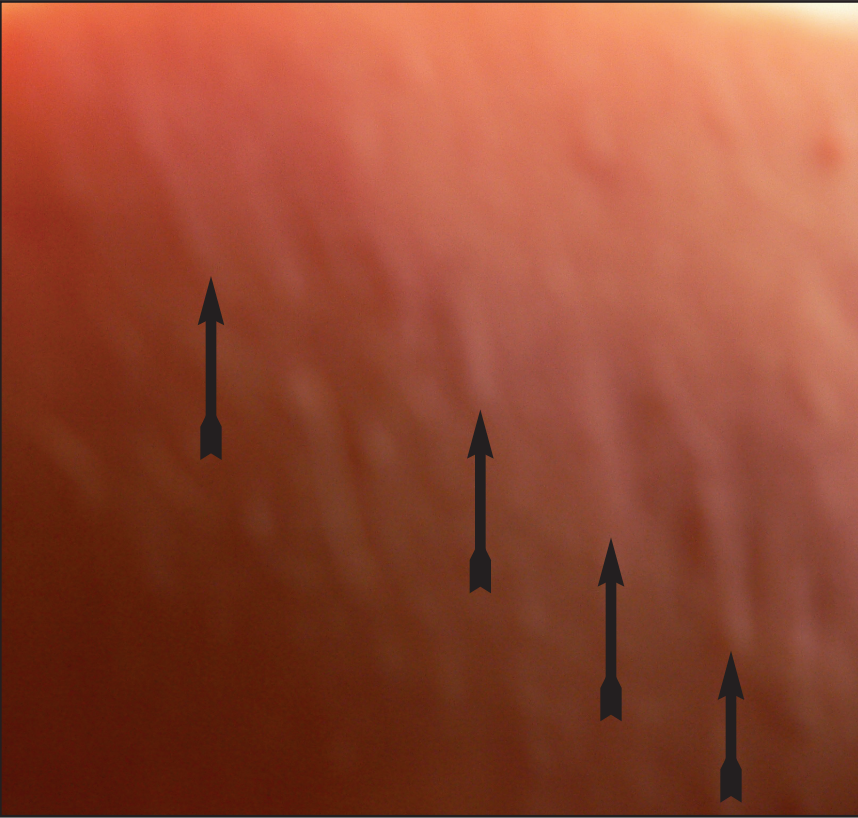
*Ticks – in some tick research areas, in which Lyme disease exists in high concentrations, surprisingly, Bartonella is sometimes even more common than Lyme disease.

*Flies – some carry this infection and pass it on to mammals. I suspect as laboratory science improves, we will find this infection in more flies in coming years

*Birth infection – examination of fetal pregnancy tissue shows

personality change after a camping trip in North Carolina. After the trip, the patient described a small right-sided "aching" armpit lymph node and as having a "slight fever feeling." He reported removing three Ixodes deer ticks that resembled "large dust particles

and major depression. He was so restless that he threw objects such as kitchen glasses, a baseball, and a chair into his home's drywall, leaving significant indentations. He was previously unknown to use insults or to curse at people, and now he did both almost daily, particularly



This middle aged woman had Fibromyalgia for years. She was treated for Lyme and Babesia aggressively and improved. Yet she still had fatigue, anxiety and headaches. Note the river-like undulation of the fairly smooth skin surface. This was light red, and after exactly 23 days of Bartonella treatment, it suddenly returned to a normal skin color, but this slight scar remained. Her fatigue, anxiety and headaches were cured with 2 more months of very potent Bartonella treatments.

glued to his leg and shoulder." Five weeks later, he reported an "enlarged and very annoying" right-sided armpit lymph node, feelings of excessive warmth, irritability, severe insomnia and new-onset eccentric rage. He also reported a new sensitivity to otherwise only slightly annoying smells and sounds. His afternoon temperatures were 98.7-99.9 °F, which he recorded every 3 days on the advice of a relative who was a Physician Assistant.

His internist found the patient to be negative for Lyme disease using the CDC two-tier surveillance testing procedure performed at Quest diagnostics and IGeneX's PCR and Western Blot test. It was felt that the patient might have Bartonella based on his unilateral lymph node symptom and Ixodes attachment. This physician felt that since the duration of the lymph node ache was at least five weeks, that "atypical" Bartonella should be considered in the differential. "Atypical" means that the man had more than a simple cold, passing sore throat and transient low-grade fever.

The patient was ordered a Bartonella henselae IgG and IgM along with other lab testing which was negative, including a PCR test for Bartonella.



In our practice, Morgellons Disease has 20 causes. This man reports he has Morgellons. In a 1951 edition of the New England Journal of Medicine, a man's arms were published that looked exactly like this man's arms. In retrospect, both had a diagnosis of Bartonella which routinely can cause lesions on every organ of the body. Patients are routinely told by Dermatologists and other specialists that they do not know the cause of these type of lesions.

to his spouse. Minor interpersonal infractions that would not usually produce a comment from the patient now resulted in screaming and the use of obscenities, yet he slept 8-9 hours per day and had normal speech speed and enunciation patterns.

He was referred to an adult psychiatrist and diagnosed with Bipolar disorder, despite having no genetic history or any previous history of depression or mania. The patient gained 15 pounds in weeks on 1250 mg per day of valproic acid (Depakote), and requested another treatment. He was then prescribed lithium carbonate, 300 mg at breakfast, lunch and dinner, with 600 mg once in the evening (blood level 1.1 mEq/L). These medications had no clear clinical effect on the patient's agitation, mood extremes or severe boredom

within the last 15 years. Some authors discuss Bartonella cases having atypical presentations, with serious problems considered uncharacteristic of more

A Sample Case
A 41 year-old male minister from Wisconsin was reported by his wife, best friends and children to have a

However, the Fry Blood Smear Test came back as positive. During the next two weeks, the patient developed serious agitation, panic attacks

“Detox”...cont’d from pg 6

benefits of incorporating minerals into a treatment program, minerals support the body in the heavy metal detoxification process. Essential minerals compete with toxic metals for binding sites within the body. When one is heavy metal toxic, mineral imbalances are almost universally present.

Drinking enough water is a key factor in supporting the body's ability to detoxify. Adding an electrolyte solution to the water can be helpful in supporting the body's fluid balance. I often put 1-3 table-spoons of electrolyte solution in a large container of filtered water each morning and drink throughout the day.

Don't forget to use pure water sources. You aren't helping your body to detoxify by adding further toxins to an already high body burden. Many people are surprised to find that as much as 80% of the toxins that are introduced into the body through water come from the water we use to shower or bathe in. Filtering your bathing water is inexpensive and removes one more item from the list of things that we expect our bodies to deal with on a daily basis.

Chlorella can be a very useful detoxification substance. Chlorella has many benefits including the ability to bind toxic metals, increase glutathione production, bind neurotoxins, and serves as an overall super-nutrient. Chlorella is both a mobilizer and a binder of heavy metals and other toxins, but at higher doses, is more of a binder than mobilizer.

Other products which may be helpful for heavy metal detoxification include NDF (www.BioRay2000.com) and HMD (www.HeavyMetalDetox.net). Pectasol (www.advancedbionutritionals.com) and Modifilan (www.modifilan.com) are products worth consideration.

DMPS, DMSA, and Ca-EDTA are options for detoxification of heavy metals that can be discussed with your health-care practitioner. As a rule, heavy metal detox should always be done with a health-care practitioner. You don't want to mobilize metals from one body compartment where they are creating only minor problems to another body compartment where the impact of the metals may be much more problematic.

It is generally unwise to consider starting a heavy metal detoxification program when amalgam fillings are still present. A consultation with a biological dentist (including pre and post-removal treatment plans) skilled in safe removal of mercury fillings may be appropriate. Further, it is important to ensure that your body is ready for a metal detoxification program. One must always be certain that the exit routes out of the body are open before attempting to mobilize additional heavy metals or other toxins.

Additional interventions which may bind toxic products in our bodies include cholestyramine (see "Biotoxin Pathway Holds Key Pieces of Puzzle in Solving Chronic Illness" in June 2007 Public Health Alert), apple pectin, chitosan, charcoal, ground flax seed, spirulina, various fibers, and beta-sitosterol. Zeolite products such as Destroxin (www.Destroxin.com) and Super Z-Lite (http://www.omic-ahealth.com) can be helpful in removing toxins from the body. Nutramedix Burbur and Nutramedix Parsley (www.Nutramedix.com) are

additional products worth review.

Other products that I have found useful for supporting general detoxification are Pure Encapsulations Clear Detox, Designs for Health PaleoCleanse, BioGenesis BioCleanse, and Metagenics Ultraclear among others. Options that may be helpful in supporting detoxification of the colon include: DrNatura Colonix (www.DrNatura.com), Arise and Shine (www.ariseandshine.com), Dr. Schulze's Bowel Detox (www.herbdoc.com), and one of my more recent favorites OxyPowder (www.oxypowder.com).

Ionic foot baths may be useful in helping the body to remove various toxins and increasing the body's natural ability to excrete toxic substances via the liver and kidneys. I use a foot bath three times a week. A less expensive but still effective option may be to incorporate detox foot patches into your program. These are patches that are worn on the soles of the feet at night and help to remove toxins while we sleep. In fact, a focus on these external methods of detoxifica-

tion, such as ionic foot baths or detox foot patches, can be an excellent way to start a detoxification program.

Colonics, castor oil packs, liver/gallbladder flushes, and coffee enemas can all have profound effects on detoxifying the body and moving one toward wellness. Various body soaks in a bath with Epsom salts, ginger, hydrogen peroxide, ozone, or bentonite clay can help to rid the body of stored toxins.

The number of options for supporting detoxification as part of your road to recovery is endless. This article only begins to touch on a few of the many possibilities. Bottom line, detoxification is an important part of the journey.

Without a well-planned detoxification component, the chances of recovery are lessened. A shift in focus towards the detoxification aspects of ones protocol can yield impressive results. Here's to your health!

To learn more about Dr. Klinghardt's Neurotoxin Elimination protocol, visit <http://www.klinghardt.org>. Scott Forsgren has been journeying through the world of Lyme disease for over 10 years. www.betterhealthguy.com

“Bartonella”...cont’d from pg 2

with hopelessness. They were stopped after at least three-week trials. It was unclear to the patient, his family, and his psychiatrist whether either medication offered more than a slight benefit to limiting his reactivity and eccentric anger.

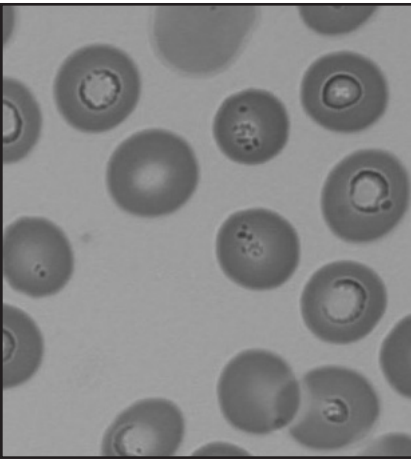
A trial of quetiapine (Seroquel) at 12.5 mg in the morning, afternoon and 50 mg at bedtime helped significantly for 3 weeks, but then it stopped controlling his agitation and other dysfunctional behaviors. So he was tried on a higher dose of 25 mg in the morning, 25 mg in the afternoon and 100 mg at bed. The patient surprisingly reported that he felt "good" and "content" on this anti-psychotic medication.

At this point, the patient was diagnosed with Bartonella and treated with azithromycin 500 mg (Zithromax) at dinner and rifabutin 300 mg (Mycobutin) per day. During the first 2 weeks of treatment on these medications, the patient's anxiety increased and he experienced five panic attacks. He was highly reactive, emotionally volatile and markedly irritable. His quetiapine was increased to 50 mg at breakfast and lunch, and 200 mg once in the evening, with good control of his increased psychiatric morbidity.

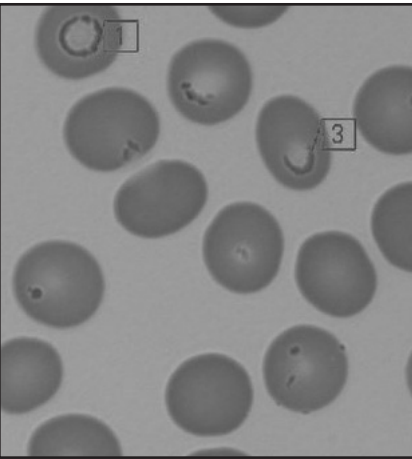
After five weeks on this dual-antibiotic treatment, the patient began to exhibit sleepiness. His quetiapine dose was reduced to 25 mg at breakfast and 75 mg at bedtime, with no return of agitation or mood lability. The internist's reading left him uncertain of the ideal dose of antibiotics and duration of treatment for this suspected Bartonella infection. But when the patient's lymph node complaints ended abruptly in 48 hours, following 8 weeks of antibiotics, the medications were stopped.

The patient has significantly improved in his psychiatric symptoms and he now

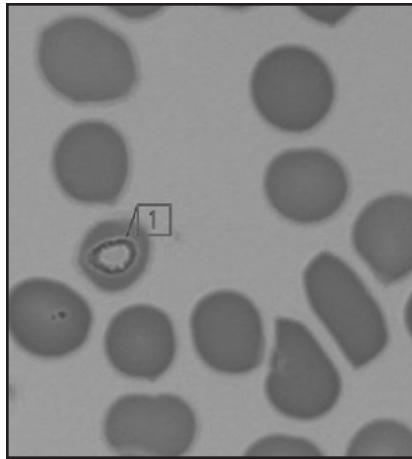
remains only on escitalopram (Celexa) 5 mg and quetiapine 12.5 mg in the morning, and 37.5 mg once in the evening. His baseline personality is felt to be 90% according to his spouse and closest friend. We suggest this man's psychiatric problems support a Bartonella presentation. Our reasons are due to the sudden appearance of these symptoms following clear Ixodes attachments, the presence of an acute, unilateral and uncomfortable armpit lymph node, a "slight fever"



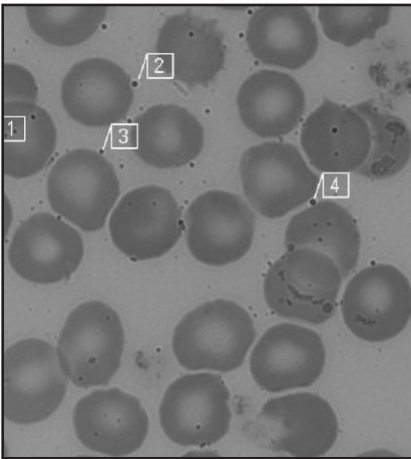
Dominant Babesia



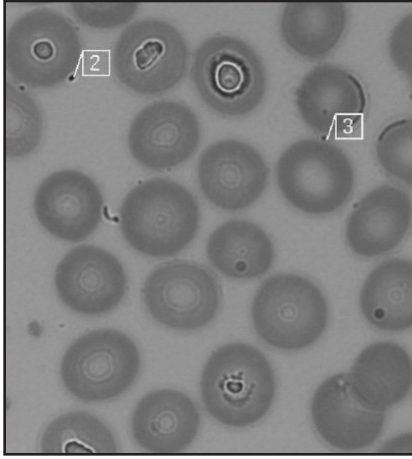
Moderate Babesia



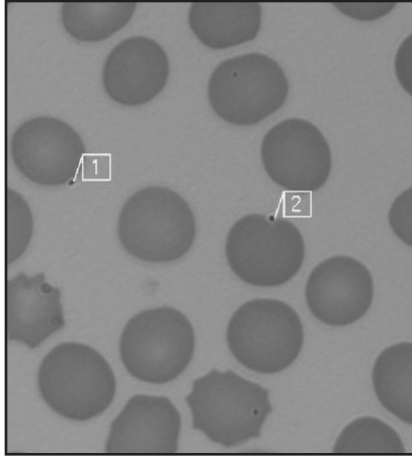
Few Babesia



Dominant Bartonella



Moderate Bartonella



Few Bartonella

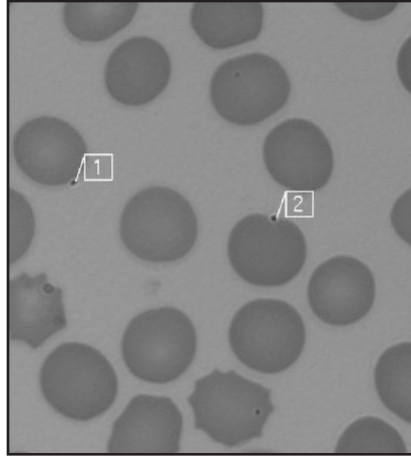
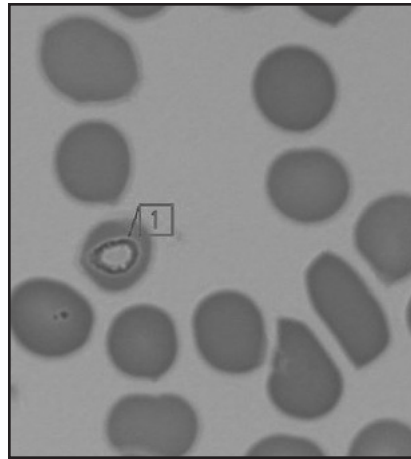
feeling, a low-positive Bartonella serology result, and a positive response to two antibiotics which are felt to be effective against Bartonella. Further, his emotional improvement occurred nearly simultaneous to his enlarged lymph node normalization.

This pastor wants his story told because he feels he "lost himself" and he now believes that many people who do reckless things like start fights, drink or do drugs impulsively, abuse family and

friends, do impulsive sexual acts, drive with "road rage" and do other angry, impulsive, reactive behavior may be behaving this way due to a brain Bartonella infection. He does not know how many but as he meets more and more individuals with these troubles he reports discerning a medical fog. "I cannot explain it, but I can just feel someone has what I had, but unfortunately, most do not listen to me and consider testing. I have tested a few of those he diagnosed and they all

using a wide range of treatments for Bartonella, I will not address Bartonella treatment in this article. I will however mention that this is a complex area. Medications felt to work may only work with some Bartonella from certain regions, and that dosing often has to be higher than normal. Further, we generally find better results with multiple treatments at the same time.

Finally, it is a fact that Bartonella, like many other Gram-negative bacteria, have



external biotoxins. However, in contrast to most biotoxins from bacteria, Bartonella biotoxins seem to turn off the immune system and the inflammation system in some parts, which allows it to hide even with large numbers in the bloodstream. Bartonella also appears to occasionally be able to make biofilms to protect itself from antibiotics.

Treatment
Since there is much debate about optimal treatment, and because I am involved in a number of treatment studies



Dr. Schaller is working with Dr. Charles Ray Jones on a Pediatric Lyme book which is 50% completed.

Dr. Schaller is the author of 20 books including: *The Diagnosis and Treatment of Babesia, Mold Illness and Mold Remediation Made Simple, The Complete Guide to Artemisinin, When Traditional Medicine Fails, 100 Solutions to Out of Control Youth, Suboxone-Pain Treatment with Addiction Relief.*

He is currently preparing the most up-to-date textbook on Bartonella, which he feels is a top vector in the world-possibly more common than Lyme.

Dr. Schaller has 25 National and International Medical Publications in such journals as *JAMA, Medscape*, and some of the largest pediatric journals in the world. He was the first to publish a practical cancer cure which blocks a single enzyme for a deadly blood cancer, which has become the standard treatment internationally. He has also designed wholesale nutritional products and published nutrition and herbal purity and potency research.

Dr. Schaller is a strong advocate for looking at many treatments and illness causes as can be seen from his main web site: www.PersonalConsult.com. Here he offers over 800 articles in over 10 areas of medicine for free.