Lyme Disease / True or False?

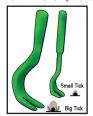
- Lyme disease is prevalent in Australia TRUE
- Lyme disease testing is 100% reliable **FALSE**
- Lyme disease is rare in Australia ►ALSE
- A one off course of antibiotics will 'cure' Lyme disease ★↓SE
- Lyme disease can be transmitted from person to person TRUE
- If you don't remember a tick bite, you don't have Lyme disease FALSE
- Chronic Lyme disease does exist TRUE

HELP! I've Been Bitten

Don't panic, not all ticks carry the bacteria. Research suggests that prophylatic antiobiotics after a tick bite are recommended. Many doctors have not had the opportunity to have studied Lyme disease. You are welcome to contact the Lyme Disease Association for support.

How to Remove a Tick

Tick Twister (purchase link: www.lymedisease.org.au/resources)







Fine Tweezers
Grasp as close to
the head as possible
Don't squeeze body





Do's & Don'ts of Tick Removal

- grasp tickhead as close to skin as possible, pull straight or twist out, **DON'T** squeeze the body of the tick
- place tick in plastic ziplock bag with your name, date, site of bite, how long tick was attached and freeze (current testing: www.lymedisease.org.au/resources)
- bon't apply anything (poison, repellent or chemical) to an attached tick

About the Lyme Disease Association of Australia

The LDAA is an association comprised of volunteers committed to making changes to how Lyme disease patients are treated – both medically and personally – to improve their health outcomes and to move the treatment of Lyme disease into the 21st century.

The LDAA aims to:

- Lobby government and educate the public and medical sector about Lyme disease awareness, prevention and risks
- Advocate the need for early diagnosis and treatment (early detection improves Lyme disease treatment outcomes)
- Raise awareness and improve testing, treatment and support of Lyme disease & other tick-borne Illness patients in Australia
- Educate doctors and other health professionals about treating Lyme disease and ongoing patient care through antibiotics, diet and lifestyle changes and complementary therapies
- Fundraise to assist the education of practitioners and facilitate improvements for people living with Lyme disease

Together we will fight Lyme & WIN

How You Can Help

- Join and/or donate via paypal or direct deposit www.lymedisease.org.au/help
- Spread the word please pass these flyers on!
- Participate in our 'Random Acts of Lymeness' campaign

www.lymedisease.org.au/help/randomacts



LYME DISEASE ASSOCIATION OF AUSTRALIA

For Lyme Disease Awareness & Action

Contact Us

Email: info@lymedisease.org.au Postal: PO Box 137 Stockton NSW 2295

www.lymedisease.org.au

LYME DISEASE in Australia

Is this what's making you sick?



ASSOCIATION OF AUSTRALIA For Lyme Disease Awareness & Action



What is Lyme Disease?



Lyme disease is an infectious disease caused by bacteria from the genus - Borrelia. It is also known as Lyme Borreliosis and is the fastest growing tick borne illness in the world.

How is it Transmitted?

Ticks feed on hosts such as, dogs, cats, kangaroos, wallabies, deer, rodents, birds and reptiles. They may then transmit any infections (bacterial, parasitic, viral) the animal carries to humans through a bite.

Symptoms

Lyme disease is typically categorised into early and late stage disease. Early stage Lyme disease symptoms often present with headaches, fever, swollen lymph nodes, fatigue, muscle aches & joint pains and may be assumed to be the flu. A bull's eye rash is one diagnostic of Lyme disease, but occurs in less than 35% of cases.

The Borrelia bacteria that cause Lyme disease are a spiral shaped (spirochete) organism that have the ability to penetrate the body's tissues (including muscles and joints) and organs (including the heart and brain), resulting in a multi systemic infection. Symptoms can present and mimic conditions such as Multiple Sclerosis, Parkinson's disease, Motor Neurone disease (also known as Lou Gehrig's disease or Amyotrophic lateral sclerosis), Chronic Fatigue Syndrome, Juvenile Rheumatoid Arthritis, Lupus, Alzheimer's disease, Autism and Sarcoidosis to name a few.

Lyme disease is typically accompanied by a variety of co-infections that may be transmitted during a tick bite. These co-infections include parasitic organisms like Babesia and Theileria; viral infections like Epstein Barr Virus (EBV), Parvovirus and Cytomegalovirus (CMV), and bacteria's like Bartonella, Rickettsia, Ehrlichia, Coxiella, Mycoplasma and others.

With the bacteria being able to penetrate most parts of the body and the high possibility of co-infections, the symptom list of Lyme disease can be varied, intermittent, numerous and unique for each individual.

Lyme disease can cause mild, moderate and severe symptoms and if left untreated can be fatal.

LYME DISEASE

For a comprehensive list of Lyme disease symptoms please visit: www.lymedisease.org.au

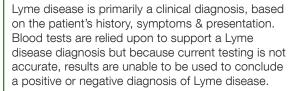
Preventing Lyme Disease

The best way to prevent Lyme disease is to prevent bites from ticks and other insects, and be aware of early symptoms.

Ticks can be anywhere and tick bites can happen at any time of the year. Ticks can be soft or hard and vary in size. Some ticks are so small they are the size of a pin head.

Birds can be hosts for ticks – thus, anywhere a bird can fly. Lyme disease transmission is possible.

Diagnosis



A bulls eye rash is diagnostic of Lyme disease, but occurs in less than 35% of cases. Even if a rash does present, it can be mistaken for a spider bite or other skin conditions like ring worm.

It is important to remember that even if your blood tests are negative or you don't remember a rash, you should still ask your doctor to carefully evaluate you for Lyme disease, taking your symptoms and health history into full account.

Treatment

A combination of therapies are required to address the bacteria, parasites, protozoans and viruses passed through the bite of a tick. Research indicates that initial combination treatment should persist for a minimum of 6-8 weeks and be repeated/extended if clinical symptoms persist. Research exploring the efficacy of treatments is advancing rapidly and each patient may require a individualised approach.

It is most important to realise that Lyme is a world-wide problem and the journey to recovery for late stage Lyme disease is more like a marathon than a sprint.

Preventing Late Stage Lyme Disease

Lyme disease can be contracted in whatever part of Australia you live or visit and is especially prevalent in areas with a high tick population. The best recommendations for Lyme disease prevention are:

- Be aware of ticks where you are. Wear light colored clothing, socks over pants and use DEET (skin)/ permethrin (clothes) insect repellents whenever you may be exposed to ticks. Check yourself after being outside or with pets. Dry clothing in a hot dryer for 10 min. Ticks can be prevalent in highly populated areas as well as coastal and bush areas and can be active in any season.
- Know that not all medical professionals are trained to diagnose and treat Lyme disease.
- Understand that blood and associated testing are not reliable in the diagnosis of Lyme disease. False negatives are common. Lyme disease is diagnosed clinically by investigating symptoms and history. Some governments internationally have legislated guidelines for physicians to inform patients that Lyme disease is still a possibility and should be further investigated even if a blood test shows a negative result.
- Be aware that many people are misdiagnosed with other conditions before a diagnosis of Lyme disease is made this can be detrimental to the patient as treatment for Lyme disease is specific and other disease treatments can complicate Lyme disease.
- Understand that the sooner you start treatment the better the outcome If you suspect or know you have been bitten by a tick consult a Lyme-aware practitioner for treatment. It is not advisable to wait for symptoms to present as the delay may allow the tick borne infection to progress.
- Ensure that if your current doctor is not Lyme aware and fails to acknowledge your concerns or symptoms that you persist in finding one who will evaluate you. Practitioners educated in Lyme treatment understand that treatment is individualised and length of time varies. You can contact us for any assistance in finding a medical practitioner.
- Expect to get better stopping treatment if you are still experiencing symptoms is not advised active symptoms indicate an active disease. Treatment may be lengthy and diverse, but you should expect to return to full health.

