



Lyme Disease

Lyme disease is a bacterial (*Borrelia burgdorferi*) infection transmitted to humans by the bite of certain black-legged ticks, although fewer than 50 percent of all Lyme disease patients recall a tick bite. Typical symptoms include fever, headache, and fatigue. Lyme disease, which can lead to neurological symptoms, including loss of function in arms and legs, is often misdiagnosed as amyotrophic lateral sclerosis or multiple sclerosis. According to some Lyme disease experts, standard diagnostic methods fail to discover as many as 40 percent of cases. Most cases of Lyme disease can be treated successfully with antibiotics over several weeks. While some people with long-term Lyme disease take antibiotics over an extended course of time, most physicians do not consider Lyme to be a chronic infection. According to published medical literature, many patients diagnosed as having chronic Lyme disease demonstrate no evidence of prior infection; only 37 percent of patients in one referral center had current or previous infection with *B. burgdorferi* as the explanation for their symptoms. There are reports that hyperbaric oxygen and bee venom have been effective for some in treating symptoms of the disease. A number of people with chronic Lyme disease have traveled abroad for expensive, unauthorized stem cell therapies.

Source: Paralysis Resource Guide 2013

American Lyme Disease Foundation

www.aldf.com

157 Church St., 19th Floor

New Haven, CT 06510

Email: questions@aldf.com

The American Lyme Disease Foundation, Inc. is dedicated to the prevention, diagnosis and treatment of Lyme disease and other tick-borne infections. The Foundation plays a key role in providing reliable and scientifically accurate information to the public, medical community and government agencies about tick-borne diseases and their effects on human health and quality of life.

CanLyme: Canadian Lyme Disease Foundation

<http://canlyme.com/>

Phone: 250-768-0978

Provides information for consumers and physicians and raises money for research.

Centers for Disease Control & Prevention: Lyme Disease

<http://www.cdc.gov/lyme/>

Centers for Disease Control & Prevention: Post-Treatment Lyme Disease Syndrome

<http://www.cdc.gov/lyme/postLDS/>

Columbia University Medical Center's Lyme and Tick-Borne Disease Research Center: Tick Paralysis

http://www.columbia-lyme.org/patients/tbd_paralysis.html

1051 Riverside Dr., Unit 69

New York, NY 10032

Phone: 646-774-8100

The Lyme and Tick-borne Diseases Research Center was established as the first academic research center in the country to focus multidisciplinary research on chronic Lyme disease. In recognition that a growing number of patients experience ongoing or relapsing symptoms after having been treated for Lyme disease, in recognition that diagnostic tests often do not provide definitive information regarding the presence or absence of infection, and in recognition that there are multiple possible mechanisms by which symptoms persist, the mission of this center has a particular focus on identifying better diagnostic assays, better treatments, and a better pathophysiologic understanding of the mechanisms of symptom persistence.

Global Lyme Alliance

<https://globallymealliance.org/>

1290 East Main St., 3rd Floor

Stamford, CT 06902

Phone: 203-969-1333

Email: info@GLA.org

GLA is dedicated to raising awareness, supporting initiatives and promoting advocacy to find a

cure for tick-borne diseases, including Lyme.

Infectious Disease Society of America: Lyme Disease

<https://www.idsociety.org/public-health/lyme-disease/lyme-disease/>

4040 Wilson Boulevard Suite 300

Arlington, VA 22209

Phone: 703-299-0200

<http://ilads.org>

International Lyme and Associated Diseases Society

2 Wisconsin Circle, Suite 700

Chevy Chase, MD 20815

Phone: 301-263-1080

Email: contact@ilads.org

ILADS is a nonprofit, international, multi-disciplinary medical society, dedicated to the diagnosis and appropriate treatment of Lyme and its associated diseases. ILADS promotes understanding of Lyme and its associated diseases through research and

education and strongly supports physicians and other health care professionals dedicated to advancing the standard of care for Lyme and its associated diseases.

Lyme Disease Association Inc.

www.lymediseaseassociation.org

PO Box 1438

Jackson, NJ 08527

Phone: 888-366-6611

LDA is a non-profit organization run by volunteers and offers information and referral. Its mission is promoting awareness of and controlling the spread of Lyme and other tick-borne diseases (TBD) and their complications through education and other means; raising and distributing funds for Lyme and tick-borne diseases (TBD) research, education and other related Lyme and TBD issues; assisting underprivileged patients in connection with Lyme and other TBD.

LymeDisease.org

<http://www.lymedisease.org/>

LymeDisease.org is a non-profit corporation that is a central voice for Lyme patients across the nation through advocacy, education and research. Since 1989, LymeDisease.org (formerly CALDA) has been revolutionizing the Lyme disease arena in public policy, advocacy, and science. Their grassroots membership and state based on line network reach thousands, providing a powerful voice for patients across the country.

Mayo Clinic: Lyme Disease

<http://www.mayoclinic.com/health/lyme-disease/DS00116>

Medline Plus: Lyme Disease

<http://www.nlm.nih.gov/medlineplus/lymedisease.html>

Merck Manual—Home Edition: Lyme Disease

http://www.merckmanuals.com/home/infections/bacterial_infections/lyme_disease.html

National Institute of Allergy and Infectious Diseases (NIAID): Lyme Disease

www.niaid.nih.gov/topics/lymedisease/pages/lymedisease.aspx

What is Lyme?

<http://whatislyme.com/>

Provides support, research, information on legislation related to Lyme.

The information contained in this message is presented for the purpose of educating and informing you about paralysis and its effects. Nothing contained in this message should be construed nor is intended to be used for medical diagnosis or treatment. It should not be used in place of the advice of your physician or other qualified health care provider. Should you have any health care related questions, please call or see your physician or other qualified health care provider promptly. Always consult with your physician or other qualified health care provider before embarking on a new treatment, diet or fitness program. You should never disregard medical advice or delay in seeking it because of something you have read in this message.

This publication is supported by the Administration for Community Living (ACL), U.S. Department of Health and Human Services (HHS) as part of a financial assistance award totaling \$10,000,000 with 100 percent funding by ACL/HHS. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by ACL/HHS, or the U.S. Government.