



Division of Vector-Borne Infectious Diseases

Lyme Disease



[Lyme Disease Home](#) | [DVBID Home](#) | [Contact Us](#)

- > [Prevention](#)
- > [Transmission](#)
- > [Symptoms](#)
- > [Diagnosis](#)
- > [Treatment](#)
- > [Statistics](#)
- > [Resources](#)
- > [Contacts](#)

Other Tick-Borne Diseases

Quick Links

[IDSA Guidelines for Treatment of Lyme Disease](#)

[Tick Management Handbook](#)

(Courtesy of CT AG. Experiment Station, New Haven - 72 pages, 24,038KB)

[Travel Information](#)

[Lyme and Pets](#)

[Tick Removal](#)

Learn about Lyme Disease

Lyme disease is caused by the bacterium *Borrelia burgdorferi* and is transmitted to humans by 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 in the later stages of disease. 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, landscaping, and integrated pest management. The ticks that transmit Lyme disease can occasionally transmit other tick-borne diseases as well.



NEWS & HIGHLIGHTS

- [IDSA Guidelines for Treatment of Lyme Disease](#)
- [Workplace safety for Lyme Disease](#)
- [Lone Star Tick a Concern, but Not for Lyme Disease](#)
- [FDA warns against use of bismicine](#)
- **MMWR Update:** [Lyme Disease United States, 2003--2005](#)
- **MMWR:** [Caution Regarding Testing for Lyme Disease](#)
- [CDC Funding for Lyme Disease Research](#)
- [Information about Lyme disease on the Internet](#)

[Top of Page](#)

[CDC Home](#) | [Search CDC](#) | [Health Topics A-Z](#)

Date last modified: December 29, 2007

Content source:

[Division of Vector Borne Infectious Diseases](#)

[National Center for Zoonotic, Vector-Borne, and Enteric Diseases](#)

[Privacy Policy](#) | [Accessibility](#)