



Partnership for  
Healing and Health, Ltd.

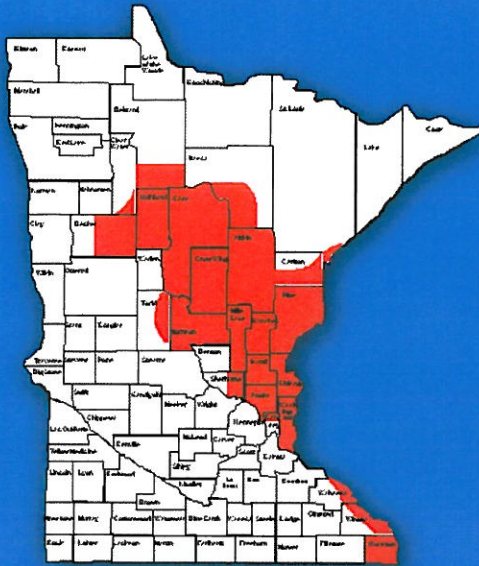
*Evidenced-based Education on Lyme Disease*

# Understanding Lyme Disease

**February 26, 2011**  
or  
**May 14, 2011**

Hugo City Hall,  
14669 Fitzgerald Ave. No.  
Hugo, Minnesota 55038  
(Oneika Room)

*This activity has been reviewed and is  
acceptable for up to 4.00 prescribed credits  
by the American Academy of Family Physicians*



## Fast Facts:

- Lyme disease is the fastest growing vector-borne disease in Minnesota
- *Borrelia burgdorferi* has the most complex genome of all known bacteria.
- Deer ticks, the vectors of Lyme disease, may also transmit babesiosis and anaplasmosis.
- 30% of CDC surveillance cases had no erythema migrans rash.

Partnership for  
Healing and Health  
P. O. Box 84  
Wyoming, MN 55092



**CME Course :  
Understanding Lyme Disease**

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**Registration**

**Participants will learn:**

*Understanding Lyme Disease* reviews the science of Lyme Disease from a primary care perspective, discussing what is known and unknown about *Borrelia burgdorferi*, the clinical presentation of the infection, available lab testing and US treatment trials results.

- The epidemiology of Lyme disease
- The microbiology of *B. burgdorferi* and basic facts about co-infecting pathogens.
- Pathophysiologic changes associated with Lyme disease.
- Potential symptoms, and exam findings in Lyme disease.
- How ancillary testing may assist in the diagnosis of Lyme disease.
- Basic principles of assessing trial evidence.
- What the US treatment trials on Lyme disease demonstrated.

**Course Agenda**

8:30 - 9:00 am	Registration
9:00 - 9:20 am	Epidemiology, microbiology
9:20 - 9:40 am	Co-infections : microbiology, symptoms, diagnosis
9:40 - 9:55 am	Pathophysiology of Lyme disease
9:55 - 10:05 am	Q & A
10:05 - 11:05 am	Clinical Presentation : History, stages symptoms, findings
11:05 - 11:15 am	Q & A
11:15 - 11:30 am	Break
11:30 - 12:05 pm	Diagnostic Testing in Lyme disease
12:00 - 12:20 pm	Reading the Literature-Critical Skills
12:20 - 1:05 pm	Review of US Erythema migrans and retreatment trials
1:05 - 1:15 pm	Q & A
1:15	Adjourn



Elizabeth L. Maloney, M. D. is a family physician from Wyoming, Minnesota. She develops accredited CME programs on Lyme disease for physicians and other health care professionals. Dr. Maloney creates training programs on Lyme disease for private organizations and government agencies. She has published on Lyme disease.

Dr. Maloney is a member of the American Academy of Family Practice, the Minnesota Academy of family Practice and the International Lyme and Associated Diseases Society (ILADS).

Name : \_\_\_\_\_  
 Degree : MD \_\_\_\_\_ DO \_\_\_\_\_ Other \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Email : \_\_\_\_\_ Phone : \_\_\_\_\_  
 Requested Session : Feb 26 \_\_\_\_\_ May 14 \_\_\_\_\_

Course Fee :  
 \$100 if postmarked 10 days prior to course.  
 (February 16, 2011 or May 4, 2011)  
 \$115 after February 16, 2011 or May 4, 2011.  
 Walk-ins welcome, as space permits  
 Checks payable to : Partnership for Healing and Health

Mail registration form and payment to :  
 PHH, PO Box 84, Wyoming, MN 55092

Fax registration form to :  
 888-629-9706  
 (on-site payment based on fax date)

For questions, please email PHH at : md@phh.com