



Study of Lyme Disease Immunology and Clinical Events

The Study of Lyme disease Immunology and Clinical Events (SLICE) is a research study currently taking place at Reading Hospital in conjunction with Johns Hopkins University.

What is the research study about?

We believe that Lyme disease represents an understudied and growing problem in our region and in our communities. Long-term health outcomes after infection with Lyme disease, particularly how it may be different between men and women, continues to be poorly understood and is a source of uncertainty and confusion among patients and physicians. The SLICE research study is interested in comprehensively following sex-based differences in health and immunity after infection with Lyme disease.

How can I help?

The SLICE research study is currently enrolling patients with early Lyme disease. If you do decide to participate and are eligible, you will be asked to complete a total of 5 study visits over 1 year. Each visit lasts approximately 1 hour, and all are conducted at Reading Health System locations. They will include:

- Questionnaires and surveys about your health, a physical exam, Lyme disease testing, and an additional blood draw at each visit
- A small skin biopsy at the site of your Lyme rash at the first visit

There is no financial cost for participating in this research study and you will be able to keep your primary care doctor. This is not a treatment research study and you will receive standard medications for Lyme disease prescribed by your primary care doctor.

In return for your contribution, you will receive \$100 for completing all study visits. If eligible, your first study visit will occur within 72 hours of starting your medication for treatment of Lyme disease.

How do I find out if I am eligible?

→ Please call (484) 628-8585 or email research@towerhealth.org

We hope you will consider helping our research!

The SLICE II study is conducted in collaboration with the Johns Hopkins Lyme Disease Clinical Research Center, John Aucott MD, Principal Investigator (NA_00071455).