**Mayo Clinic Minute**  
**Lyme Disease Discovery**

<table>
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<th>Video</th>
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<td>What started as routine testing ended with the discovery of a new organism.</td>
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</table>
| Title: BOBBI PRITT, M.D.  
CLINICAL PARASITOLOGY LABORATORY DIRECTOR  
Mayo Clinic               | We had Lyme disease in – affecting humans, but caused by a different species of bacterium. |
| Title: JEFF OLSEN  
MAYO CLINIC MINUTE  
Mayo Clinic               | A bacterium dubbed *Borrelia mayonii* in honor of the founders of Mayo Clinic. |
| A bacterium that appears to be localized to the upper Midwest.         | A bacterium that appears to be localized to the upper Midwest.         |
| Like the other known cause of Lyme disease, it’s believed this organism is transferred to humans through the bite of an infected tick. |
| **Graphic:**  
LYME DISEASE SYMPTOMS  
Fever,  
Neck pain  
Rash               | Patients’ symptoms – including fever, neck pain and rash – appear to be similar but not identical to other cases. |
| Notably, they were more likely to have nausea and vomiting, and the rashes were more diffuse. So it wasn’t the classic bullseye rash that you see with Lyme disease. |
| Traditional Lyme disease treatment methods have worked in cases caused by the newly discovered bacterium, and protection will sound familiar too. |
| Stay out of tall grasses, wear long-sleeved clothing, tuck your pants into your socks, and use an insect repellent such as DEET to avoid your own discovery of *Borrelia mayonii*. |
| **Graphic:**  
newsnetwork.mayoclinic.org               | For the Mayo Clinic News Network, I'm Jeff Olsen. |

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