Borrelia miyamotoi is a bacteria in the relapsing fever group of *Borrelia*. Although it’s not closely related to the Lyme disease bacteria, it can cause a Lyme-like-illness. Symptoms include fever, headaches, muscle aches and chills, rash uncommon. Diagnosis is by PCR testing that is now available at several labs. Treatment is doxycycline. *Borrelia miyamotoi* was identified in 1995 in ticks from Japan. The bacteria is now transmitted by two ticks in the US, *Ixodes scapularis* (black-legged/deer tick) and *Ixodes pacificus* (western black-legged tick).