

## Bourbon and Heartland Virus

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### About

Bourbon Virus is a Thogotavirus, there is not a lot of information about the disease due to a small number of cases. It is named after Bourbon County, KS, where the first case was discovered.

Heartland Virus is a member of the Phlebovirus family.

### Signs and Symptoms

Primary symptoms include fever and fatigue. Others include:

- Headache
- Myalgia
- Diarrhea
- Loss of appetite
- Nausea
- Leukopenia
- Thrombocytopenia
- Elevated liver transaminases

If you have symptoms, call your healthcare provider.

### Transmission (How it spreads)

- Through the bite of an infected tick, mosquito or sandfly
- Most likely tickborne vector is the Lone Star Tick (*Amblyomma americanum*)

### Diagnosis and Treatment

Currently there is no testing in place to detect the virus. Protocols do exist, however, for investigational testing based on symptoms.

There is no drug or vaccine to prevent infection

Supportive therapy is used to treat symptom, including, intravenous (IV) fluids, and treatment for pain or fever

### Prevention:

- Use of EPA-registered insect repellent (i.e.) Off!, Cutter, Sawyer, Skin So Soft; the use of insect repellent while pregnant is safe and poses no adverse risk to the unborn child
- Wear long sleeve shirts and long pants
- Avoid bushy and wooded areas
- Perform thorough tick checks after spending time outdoors

If you have symptoms, call your healthcare provider

Report cases to the Riley County Health Department by calling the Disease Investigation  
Line: 785-317-0474