Clinical Experience with *Coxiella burnetii* PCR

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Abstract

**Background**

Q fever, a worldwide zoonotic infection caused by *Coxiella burnetii*, has been associated with acute and chronic infection with varied clinical presentations.

*C. burnetii* PCR, though not widely available, can be used in the diagnosis of Q fever. We have offered *C. burnetii* PCR to Mayo Clinic and Mayo Medical Laboratories patients since July 2013.

**Methods**

We reviewed the clinical and laboratory data of those patients whose clinical specimens tested positive for *C. burnetii* PCR from July 2013 to May 2016.

**Results**

We reviewed the clinical and laboratory data of those patients whose clinical specimens tested positive by *C. burnetii* PCR from July 2013 to May 2016 in our laboratory.

**Conclusions**

In our experience, *C. burnetii* PCR is rarely positive, but, when positive, it is associated with clinically significant infection and positive serologic results.

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**References**

