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First molecular confirmation of acute Q fever in Iran

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There are limited data on the aetiology of acute undifferentiated febrile illnesses (AUFIs) in Iran. Moreover, *Coxiella burnetii* has not previously been detected in clinical samples in this country. Previous studies have highlighted the importance of considering *C. burnetii* as a cause of AUFIs. In this retrospective study, in 92 cases of AUFIs where Q fever was suspected, *C. burnetii* DNA was detected in seven samples (7.36%) using a nested trans-PCR. This is the first molecular confirmation of *C. burnetii* from clinical samples from Iran.

Biography

Naser Shahbi Nejad has expertise in "Diagnosis of emerging infectious diseases in southeast Iran. This approach is responsive to all searches to find Q fever cases in Iran.

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