

Grand Rounds CME/MOC Questions Feb 25, 2021

1. Which of the following is necessary to confirm a diagnosis of Rocky Mountain Spotted Fever?

- A. An elevated IgG antibody titer reactive with *R. rickettsii*
- B. An elevated IgM antibody titer reactive with *R. rickettsii*
- C. A four-fold change in IgG-specific antibody titer for *R. rickettsii*
- D. A therapeutic response to treatment

Answer: C

2. A negative acute serologic test rules out acute rickettsial infection.

- A. True
- B. False

Answer: B

3. Which of the following is the recommended treatment for Rocky Mountain Spotted Fever?

- A. Doxycycline every 12 hours for at least 3 days after fever subsides
- B. Doxycycline every 12 hours for 4 days
- C. Tetracycline every 12 hours for 5 days
- D. Trimethoprim/sulfamethoxazole daily for 7 days

Answer: A

4. Which of the following is not a tick-borne illness?

- A. Lyme disease
- B. Ehrlichiosis
- C. Alpha gal
- D. Toxoplasmosis

Answer: D

