

Chapter 199

The Rickettsioses, Ehrlichioses, and Anaplasmoses

Sandra A. Kopp, Analisa V. Halpern, Justin J. Green, & Warren R. Heymann

REFERENCES

1. Parola P, Paddock CD, Raoult D: Tick-borne rickettsioses around the World: Emerging diseases challenging old concepts. *Clin Microbiol Reviews* 18:719, 2005
2. Azad AF: Pathogenic rickettsiae as bioterrorism agents. *Clin Infect Dis* 45:S52-S55, 2007
3. Todar K: Rickettsial diseases, including typhus and rocky mountain spotted fever. In: *Todar's Online Textbook of Bacteriology*, edited by K Todar, 2009, p. 2-6. <http://www.textbookofbacteriology.net/Rickettsia.html>
4. Walker DH, Raoult D: *Rickettsia rickettsii* and other spotted fever group rickettsiae (Rocky Mountain spotted fever and other spotted fever). In: *Principles and Practice of Infectious Diseases*, vol. 2, 5th edition, edited by GL Mandell, JE Bennett, R Dolin. Philadelphia, Churchill Livingstone, 2000, p. 2035
5. Chapman AS et al: Diagnosis and management of tickborne rickettsial diseases: Rocky Mountain spotted fever, ehrlichioses, and anaplasmosis—United States: A practical guide for physicians and other health-care and public health professionals. *MMWR Recomm Rep* 55:1-27, 2006
6. Bakken JS et al: Centers for Disease Control and Prevention. Diagnosis and management of tickborne rickettsial diseases: Rocky Mountain spotted fever, ehrlichioses, and anaplasmosis—United States. *MMWR Morb Mortal Wkly Rep* 55:1, 2006
7. Kirkland KB et al: Rocky Mountain spotted fever complicated by gangrene: Report of six cases and review. *Clin Infect Dis* 16:629, 1993
8. Buckingham SC et al: Clinical and laboratory features, hospital course, and outcome of Rocky mountain spotted fever in children. *J Pediatr* 150:180-184, 2007
9. Dana AN: Diagnosis and treatment of tick infestation and tick-borne diseases with cutaneous manifestations. *Dermatologic Therapy* 22:293-326, 2009
10. Lochary ME, Lockhart PB, Williams WT Jr: Doxycycline and staining of permanent teeth. *Pediatr Infect Dis J* 17:429, 1998
11. Elston DM: Rickettsial skin disease: Uncommon presentations. *Clin Dermatol* 23:541, 2005
12. Stallings SP: Rocky Mountain spotted fever and pregnancy: A case report and review of the literature. *Obstet Gynecol Surv* 155:37, 2001
13. Dantas-Torres F: Rocky Mountain spotted fever. *Lancet Infect Dis* 7:724-732, 2007
14. Rovey C, Raoult D: Mediterranean spotted fever. *Infect Dis Clin North Am* 22:515-530, 2008
15. Parola P et al: Rickettsia slovaca and R. raoultii in Tick-borne Rickettsioses. *Emerg Infect Dis* 15:105-108, 2009
16. Cascio A et al: Efficacy and safety of clarithromycin as treatment for Mediterranean spotted fever in children: A randomized controlled trial. *Clin Infect Dis* 33:409, 2001
17. Heymann WR: Rickettsialpox. *Clin Dermatol* 14:279, 1996
18. Zavala-Castro JE et al: Human rickettsialpox, southeastern Mexico. *Emerg Infect Dis* 15:1665-1667, 2009
19. Dumler JS, Walker DH: *Rickettsia typhi* (murine typhus). In: *Principles and Practice of Infectious Diseases*, vol. 2, 5th edition, edited by GL Mandell, JE Bennett, R Dolin. Philadelphia, Churchill Livingstone, 2000, p. 2053
20. Zavala-Velazquez JE et al: Identification of *Ctenocephalides felis* fleas as a host of *Rickettsia felis*, the agent of a spotted fever rickettsiosis in Yucatan, Mexico. *Vector Borne Zoonotic Dis* 2:69, 2002
21. Purcell K et al: Murine typhus in children, south Texas. *Emerg Infect Dis*:13:926-927, 2007
22. Whiteford SF, Taylor JP, Dumler JS: Clinical, laboratory and epidemiologic features of murine typhus in 97 Texas children. *Arch Pediatr Adolesc Med* 155:396, 2001
23. Raoult DA et al: Jail fever (epidemic typhus) outbreak in Burundi. *Emerg Infect Dis* 3:357-360, 1997

24. Saah AJ: *Rickettsia prowazekii* (epidemic or Louse-borne typhus). In: *Principles and Practice of Infectious Diseases*, vol. 2, 5th edition, edited by GL Mandell, JE Bennett, R Dolin. Philadelphia, Churchill Livingstone, 2000, p. 2050
25. Turcinov D et al: Failure of azithromycin in treatment of Brill-Zinsser disease. *Antimicrob Agents Chemother* **44**:1737, 2000
26. Blacksell SD et al: Scrub typhus serologic testing with the indirect immunofluorescence method as a diagnostic gold standard: A lack of consensus leads to a lot of confusion. *Clin Infect Dis* **44**:391, 2007
27. Sonthayanon P et al: Association of high *Orientia tsutsugamushi* DNA loads with disease of greater severity in adults with scrub typhus. *J Clin Microbiol* **47**:430-434, 2009
28. Watt G et al: Doxycycline and rifampicin for mild scrub-typhus infections in northern Thailand: A randomised trial. *Lancet* **356**:1057, 2000
29. Chattopadhyay S, Richards AL: Scrub typhus vaccines: Past history and recent developments. *Hum Vaccin* **3**(3):73-80, 2007
30. Bakken JS et al: Exposure to deer blood may be a cause of human granulocytic ehrlichiosis. *Clin Infect Dis* **23**:198, 1996
31. Centers for Disease Control and Prevention (CDC): *Anaplasma phagocytophilum* transmitted through blood transfusion—Minnesota, 2007. *MMWR Morb Mortal Wkly Rep* **57**:1145-1148, 2008
32. Dumler JS et al: Human granulocytic anaplasmosis and *Anaplasma phagocytophilum*. *Emerg Infect Dis* **11**:1828, 2005. Available at: <http://www.cdc.gov/eid>.
33. Dumler SJ et al: Ehrlichiosis in humans: Epidemiology, clinical presentation, diagnosis, and treatment. *Clin Infect Dis* **45**:S45-S51, 2007
34. Pick N et al: Ehrlichiosis associated vasculitis. *J Intern Med* **247**:674, 2000