LEARNING OBJECTIVES

On completion of the chapter, the reader will be able to:

1. Compare and contrast the clinical presentation and management of infections of the hair follicles including folliculitis, furuncles, and carbuncles.
2. Compare and contrast the microbial etiology and clinical presentation of erysipelas and impetigo.
3. Select appropriate antimicrobials for the treatment of erysipelas and impetigo.
4. Recommend an appropriate treatment regimen for a patient with lymphangitis.
5. Describe the clinical presentation and complications associated with cellulitis.
6. Compare and contrast the microbial etiology associated with cellulitis in patients with various risk factors for infection.
7. Select an appropriate antimicrobial regimen for the treatment of cellulitis based on patient-specific data.
8. Recommend an appropriate treatment plan for patients with skin or soft-tissue infection suspected or documented to be caused by methicillin-resistant *Staphylococcus aureus*.
9. Describe the etiology and pathophysiology of the three major types of necrotizing fasciitis.
10. Recommend an appropriate treatment plan, including both drug and nondrug therapy, for a patient with necrotizing fasciitis.
11. Discuss the pathophysiologic mechanisms and risk factors for the development of diabetic foot infections.
12. Devise an appropriate plan for the management of diabetic foot infection based on patient-specific data.
13. Discuss the pathophysiologic mechanisms involved in the development of pressure sores.
14. Recommend an appropriate and comprehensive plan for the management of an infected pressure sore based on patient-specific information.
15. Compare and contrast the microbial etiology of infected animal bites (dog and cat) and infected human bites.
16. Discuss the appropriate use of antimicrobial prophylaxis in patients suffering from an animal (dog or cat) or human bite wound.
17. Choose appropriate antimicrobial therapy for an infected animal (dog or cat) or human bite.