LEARNING OBJECTIVES

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

1. Define bioterrorism.
2. Select which characteristics help define the threat categories of different biological agents.
3. Identify which of the six category A bioterrorism agents are contagious.
4. Recognize treatment dilemmas for victims exposed to a bioterrorism agent.
5. Select the most appropriate reason for starting post exposure prophylaxis (PEP).
6. Recommend the most appropriate antibiotic combination to treat inhalation anthrax.
7. Differentiate which category A agents have cutaneous manifestations.
8. Given a case scenario identify the most likely causative bioterrorism agent based on presenting signs and symptoms.
9. Recommend prophylaxis against botulism exposure.
10. Identify the bioterrorism agents susceptible to fluoroquinolones.
11. Define the recommended duration of PEP for tularemia.
12. Identify the best management strategy for severe adverse reactions to smallpox vaccine.
13. Select the best treatment option for a symptomatic patient exposed to a given viral hemorrhagic fever virus.
15. Discuss the response roles for healthcare providers during a biological release or natural disaster.