Chapter 87:

LEARNING OBJECTIVES

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

1. Differentiate between influenza A and influenza B.
2. List the primary subtypes of influenza A that are currently circulating.
3. Differentiate between antigenic drift and antigenic shift.
4. Identify the virus characteristics necessary for a pandemic.
5. Discuss the transmission of the influenza virus.
6. Evaluate the infectivity of adults and children with influenza infection.
7. List the signs and symptoms of influenza illness.
8. Describe the diagnostic tests available for influenza.
9. Differentiate the populations at high risk for complications or severe influenza infection from the general population.
10. Compare and contrast the trivalent influenza vaccine (TIV) and the live-attenuated influenza vaccine (LAIV), and the different formulations available.
11. Discuss the emergence of variant influenza A H3N2 and treatment and prevention recommendations for this virus.
12. Discuss options available for prevention of influenza infection.
13. Compare and contrast the antiviral agents available for prophylaxis and treatment of influenza.
14. Formulate a postexposure prophylaxis plan given patient-specific data.
15. Recommend an appropriate treatment regimen for influenza based on patient-specific data.