LEARNING OBJECTIVES

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

1. Identify the risk factors for TB infection and active disease.
2. Design an appropriate therapeutic plan for latent tuberculosis in immunocompetent, immunocompromised, and special patient populations.
3. Design an appropriate therapeutic plan for active tuberculosis in immunocompetent, immunocompromised, and special patient populations.
4. Distinguish between the diagnostic tests used for patients potentially infected with tuberculosis.
5. Identify the common adverse effects associated with medications used for the treatment of tuberculosis.
6. Implement an alternative therapeutic plan for patients with tuberculosis who are experiencing adverse drug reactions or not responding to therapy.
7. Implement an alternative therapeutic plan for patients with tuberculosis who are at risk of or are experiencing clinically significant drug interactions.
8. Formulate a monitoring plan for a patient being treated for latent or active TB.
9. Select patients for whom therapeutic drug monitoring may be valuable and identify the necessary laboratory monitoring parameters for patients on antituberculosis medications.