**Unit 15—Antibiotic Agents**

Objectives

Upon completing this unit, you should be able to:

* Define the terms listed in the vocabulary.
* Describe infection.
* List the danger signs of a serious infection.
* Describe ways people may minimize their risk of developing a serious infection.
* State why infections are generally more serious in older adults.
* List possible reasons why children who attend a day care center are more likely to contract ear infections, pneumonia, and meningitis.
* Complete the critical thinking questions and activities presented in this unit.
* List the characteristics of an effective antibiotic.
* Describe four adverse reactions that may occur with the administration of an antibiotic.
* Explain how the overuse of antibiotics has helped cause drug-resistant strains of bacteria.
* State the actions, uses, contraindications, adverse reactions, dosage, and routes for selected antibiotics.
* Give the implications for patient care with regard to selected antibiotics.
* Complete the Spot Check on major antibiotic groupings.
* Describe antiseptics and disinfectants.
* State the substance, strength, action, and comments for selected antiseptics and disinfectants.
* Answer the review questions correctly.