**Unit 25—Diuretics and Medications Used for Urinary**

**System Disorders**

Objectives

Upon completing this unit, you should be able to:

* Define the terms listed in the vocabulary.
* State two vital functions of the kidneys.
* State the actions, uses, contraindications, adverse reactions, dosage and route, implications for patient care, patient teaching, and special considerations for thiazide, loop, potassium-sparing, osmotic, and carbonic anhydrase inhibitor diuretics, sulfonamides, and urinary tract antisep- tics.
* Describe the symptoms, diagnosis, and treatment regimen for cystitis.
* Describe interstitial cystitis.
* Describe the effect of the aging process on the kidneys.
* Explain why it is important to assess an older adult’s voiding history and medication history.
* State the signs of nephrotoxicity.
* Describe the signs and symptoms of a urinary tract infection in children.
* Explain the treatment regimen for children with a urinary tract infection.
* Complete the critical thinking questions and activities presented in this unit.
* Complete the Spot Check on selected drugs used to treat urinary tract infections.
* State the action, usual dosage, and adverse reactions of selected drugs used for urologic dis- orders.
* Identify selected agents that discolor urine.
* Answer the review questions correctly.