Chapter 66:

LEARNING OBJECTIVES

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

1. Explain the pathophysiology of erectile dysfunction.
2. Compare and contrast the mechanism of action, indications, and side effect profile of various medical treatments for erectile dysfunction.
3. List the factors that guide selection of a specific treatment for an individual patient.
4. Recommend an appropriate phosphodiesterase inhibitor based on a patient’s symptoms and history of erectile dysfunction.
5. List common reasons for phosphodiesterase inhibitor failure and strategies to optimize treatment response.
6. Identify the most common drug interactions of phosphodiesterase inhibitors and how to minimize clinically significant drug interactions in patients.
7. Differentiate among testosterone supplements according to their route of administration, advantages, and disadvantages.
8. Describe a monitoring plan for a patient who will receive a testosterone supplement in terms of pretreatment and during treatment assessment.
9. Discuss the reasons why intracavernosal and intraurethral alprostadil are considered second- and third-line agents for treatment of erectile dysfunction.
10. Discuss the role of combination therapy for treatment of erectile dysfunction.
11. Formulate a monitoring plan for a patient on a given medication to treat erectile dysfunction based on patient-specific information and the prescribed regimen.
12. Formulate appropriate counseling information to be provided to a patient on a phosphodiesterase inhibitor for erectile dysfunction.
13. Formulate appropriate counseling information to be provided to a patient who is prescribed a vacuum erection device.
14. Formulate appropriate counseling information to be provided to a patient who is prescribed a testosterone supplement for sexual dysfunction.