Chapter 15:

LEARNING OBJECTIVES

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

1. List the drugs and risk factors that can induce apnea.
2. Explain the pathophysiologic mechanisms underlying aspirin-induced asthma.
3. Discuss the following options for the treatment of aspirin-sensitive asthma: avoidance, desensitization, and leukotriene modifiers.
4. Explain the concerns regarding the use of β-blocker therapy in asthmatics.
5. Critique the use of ethylenediamine tetraacetic acid (EDTA) and benzalkonium chloride as additives to nebulization preparations.
6. Compare and contrast the treatment options for angiotensin-converting enzyme (ACE)-inhibitor induced cough.
7. Describe the mechanism of latex allergy.
8. Explain the pathogenesis of pulmonary edema.
9. List the drugs that have been associated with Löeffler's syndrome.
10. Explain the mechanism of oxygen toxicity.
11. List the groups of chemicals that can induce pulmonary fibrosis.
12. List predisposing factors for the development of cytotoxic drug-induced pulmonary fibrosis.
13. List the risk factors for bleomycin-induced pulmonary fibrosis.
14. Discuss monitoring procedures to prevent or detect bleomycin-induced pulmonary fibrosis.
15. Describe the clinical manifestation of methotrexate lung toxicity.
16. Explain the risk factors for amiodarone-induced pulmonary fibrosis.
17. Explain the mechanism of primary pulmonary hypertension caused by anorexic agents.