

- h. Extubation
 - i. Failure
 - j. Chronically ventilator-dependent patients
 - k. Terminal weaning
- III. Advanced airway care
- a. Replacement of ET tubes with tracheostomy tube
 - b. Tracheostomy care
 - c. Changing a tracheostomy tube
- IV. Thoracentesis, chest tubes, and pleural drainage systems
- a. Indications and procedure
 - b. Theory and function of drainage systems
 - i. One, two, and three bottle set-up
 - ii. Commercial devices
- V. Sleep disorders
- a. Definitions
 - b. Pathophysiology
 - c. Clinical features
 - d. Laboratory testing
 - e. Treatment
 - f. Role of the respiratory therapist in disorders of sleep
- VI. ACLS protocols
- a. 2010 American Heart Association guidelines