



- 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