

The Respiratory System

Learning Objectives

1. Discuss the relevance of understanding the function and structure of the respiratory system to conditions commonly found in the field. (p 97-108)
2. State the primary functions of the respiratory system. (p 97)
3. Identify the organs of the respiratory system and describe their functions. (p 97-101)
4. Describe the structure and function of the larynx and the speaking mechanism. (p 97-99)
5. State the roles of the visceral pleura and parietal pleura in respiration. (p 101)
6. State the changes in air pressure within the thoracic cavity during respiration. (p 101-104)
7. Describe the factors that influence the respiration rate. (p 104)
8. Identify the respiratory areas of the brain that control inspiration as well as exhalation. (p 105)
9. Explain the diffusion of gases in external and internal respiration. (p 105-106)
10. Explain how respiration affects the pH of certain body fluids. (p 106)
11. Describe how oxygen and carbon dioxide are transported in the blood. (p 107-108)