



Online Continuing Education Courses
www.OnlineCE.com



AOTA Approved Provider #4023

Course Title: Cardiopulmonary 101

Course Subtitle: Cardiopulmonary Anatomy

Course Description: Cardiopulmonary 101, Cardiopulmonary Anatomy, is a 2-hour course designed for the beginning to intermediate clinician in need of a review or comprehensive introduction into the anatomy of the cardiopulmonary system. A detailed understanding of the anatomy of the heart and lungs and how they work synergistically together is essential to the practice of cardiopulmonary rehabilitation. This course will review the cardiopulmonary anatomy including skeletal features of the thoracic cavity, muscles of respiration, anatomy of the tracheobronchial tree, lung parenchyma, anatomy of the heart and peripheral, pulmonary and lymphatic circulations. Cardiopulmonary education is essential for the clinician because breathing is fundamental to movement and purposeful activity.

Target Audience: OT/OTA

Course Length: 2 hours

Course Author/Instructor: Frownfelter, PT, DPT, MA CCS, RRT, FCCP and Dean, PhD, PT / Brown, MS, OTR/L, CHT

Educational Level: Introductory, Intermediate, Advanced

Course Objectives:

At the end of this course, participants will be able to:

- Discuss the classification of the cardiopulmonary unit
- Describe the thorax and its movements
- List respiratory muscles and their functions
- Describe the pathway for the flow of oxygen from the atmosphere to the alveolar capillary membrane
- Outline the flow of blood from the periphery through the heart to the pulmonary and peripheral circulations
- Explain the lymphatic system
- Discriminate the clinical implications between the lungs and heart

Outline of Content:

Hour #1

Introduction

Thorax

Movement of the Thorax

Muscles of Respiration

Inspiration

Expiration

Upper Airways

Lower Airways

Hour #2

Lungs

Heart

Heart Valves

Systemic Circulation

Pulmonary Circulation

Lymphatic Circulation

Summary

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes PDF downloadable course. See course formats for additional details.

Course Completion Requirements:

A minimum passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course, you will receive your certificate of completion and AOTA eligible CEUs.

AOTA Classification Codes:

Category 1: Domain of OT

Category 2: Occupational Therapy Process

Category 3: Professional Issues

Additional Policies:

OnlineCE Policies are available by clicking on the tab – Policies – located in the left hand navigation bar.

OnlineCE.com is an AOTA Approved Provider of continuing education. AOTA does not endorse specific course content, products, or clinical procedures.