

Course Title: Cardiopulmonary 103 – Cardiopulmonary Pathophysiology

Course Description: Cardiopulmonary 103, Cardiopulmonary Pathophysiology, is a 2hour course designed for the beginning to intermediate clinician in need of a review or comprehensive introduction into the pathophysiology of the cardiopulmonary system. It is important for therapists to have a thorough understanding of cardiovascular and pulmonary conditions as these are among the leading cause of morbidity and mortality. This course will differentiate the pathophysiology related to the structure and function of obstructive vs. restrictive lung conditions. An extensive overview of pathophysiological features of various conditions including atherosclerosis, ischemic heart disease, coronary artery disease plus more will be reviewed. This course will highlight hypertension, diabetes mellitus, anemia and syncope. Cardiac dysfunction secondary to noncardiac conditions will also be addressed.

Target Audience: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 2 contact hour / .2 ceu

Course Prerequisites: None

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

Learning Objectives:

- Discuss how smoking impacts the cardiovascular and pulmonary systems
- Describe how lung dysfunction leads to cardiac dysfunction
- Describe how cardiac dysfunction leads to lung dysfunction
- Differentiate obstructive from restrictive pulmonary pathology and the manifestations of each
- Name 5 factors that precipitate an asthma attack
- List 3 risk factors of coronary artery disease
- Describe the process of atherosclerosis
- Discuss rheumatoid arthritis and its impact on specific organs

Agenda:

Hour #1

Introduction

Obstructive Lung Disease

Emphysema

Prognosis

Bronchiectasis

Restrictive Lung Disease
Eosinophilia
Sarcoidosis and RA

Hour #2

Coronary Artery Disease
Obstructive Sleep Apnea
Myocardial Infarction
Congestive Heart Failure
Compensated and Decompensated Heart Failure
Pulmonary Hypertension
Athletic Heart Syndrome
Summary

Course Completion Requirements:

A 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 and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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