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AOTA Approved Provider #4023

Course Title: Cardiopulmonary 106

Course Subtitle: Clinical Application of Airway Clearance Techniques ACTS

Course Description: Cardiopulmonary 106, Airway Clearance Techniques, is a 2-hour course designed for the intermediate clinician interested in learning about the application of various airway clearance techniques. This course will review postural drainage, percussion, vibration/shaking, manual hyperinflation, the active breathing cycle technique, autogenic drainage, positive expiratory pressure, high frequency chest wall oscillation, as well as intrapulmonary percussive ventilation. Advantages and disadvantages of each airway clearance technique will be addressed along with the effectiveness of various techniques.

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:

- Describe and differentiate the use of various airway clearance techniques
- List 5 advantages and 5 disadvantages of various airway clearance techniques
- Describe the type of equipment used for various airway clearance techniques
- Describe the type of patient appropriate for each airway clearance techniques
- Describe various considerations when selecting an airway clearance technique
- Examine outcome measures used for evaluating the effectiveness of airway clearance techniques
- Discuss the costs associated with various airway clearance techniques

Outline of Content:

Hour #1

Introduction
Use of Airway Clearance Techniques
Postural Drainage
Percussion
Vibration/Shaking
Manual Hyperinflation
Active Cycle of Breathing Technique
Autogenic Drainage

Hour #2

Positive Expiratory Pressure
High Frequency Chest Wall Oscillation
Intrapulmonary Percussive Ventilation
Exercise for Airway Clearance
Selection of Airway Clearance Techniques
Availability
Effectiveness
Support
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.

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