



Current Concepts in Cardiopulmonary Care

Course Description

This two-day course is geared to providing the new and experienced nurse, CRNA and respiratory therapist with a review of cardiopulmonary system pathophysiology along with common issues seen often in today's environment. Also a review of heart failure, along with pulmonary hypertension, will be presented with common treatment plans. Finally, a discussion and presentation of sepsis and its effects on the heart and lungs will also be presented.

Program Learning Outcomes

This program prepares the learner to:

- Describe the cardiac electrical system in atrial fibrillation and atrial flutter.
- Understand how cardiac ablation works to correct atrial disturbances.
- Have a better understanding of the cardiac and respiratory systems' pathophysiology.
- List the different types of pulmonary hypertension.
- Describe how sepsis affects both the heart and lungs.

Agenda

Sign-in begins at 7:30 am. Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

Day 1, 8:00 am to 4:00 pm

Cardiac Anatomy and Pathophysiology

Heart Blocks

Atrial Fibrillation

Atrial Flutter

Lunch 12:00 pm to 1:00 pm

Supraventricular Tachycardia

Heart Failure

Cardiac Medications

Day 2, 8:00 am to 3:30 pm

Respiratory Anatomy and Physiology

Ventilator Modes | CPAP | BiPAP

Acute Respiratory Distress Syndrome (ARDS)

Chronic Obstructive Pulmonary Disease (COPD)

Lunch 12:00 pm to 1:00 pm

Pulmonary Hypertension

Shock and Sepsis

Case Scenarios | Q&A

Accreditation

RN/LPN/LVN/Other: 12.5 Contact Hours

CRNA: 12.5 Class A CE Credit Hours

RT: 12.5 Category 1 CRCE Hours

Includes 1.5 Pharmacology Contact Hours

MED-ED, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

MED-ED is approved by the American Association for Respiratory Care (**AARC**).

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **Iowa**/296, **California** #CEP10453.

If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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