

# 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.

## Key Learning Outcome

- After completing the program, 80% of participants will report an increase in knowledge that will positively impact their practice.

## Program Objectives

*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

##### 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)

##### Pulmonary Hypertension

##### Shock and Sepsis

##### Case Scenarios | Q&A

# Accreditation

**RN/LPN/LVN/Other: 12.5 Contact 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 (**ANCC**).

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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