

Cardiac Crises & Pulmonary Predicaments



Course Description

This seminar is designed to assist the nurse and other healthcare providers by giving them the knowledge to manage the patient in cardiopulmonary crisis. The presentation will focus on an overview of cardiopulmonary physiology, the management of hemodynamics specific to patients with cardiopulmonary disease, and the medical and surgical management of these patients.

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:

- Review cardiac and pulmonary assessment skills in the critically ill patient.
- Define ACS and discuss the complex medical/surgical treatment plan of care of the adult patient.
- Define neurohormonal pharmacological intervention in the patient with HF.
- Discuss the etiology of ARDS, and the treatment regimen in the multisystem failure patient.
- Review the mechanism of pulmonary embolism and pneumonia in the critically ill patient.
- Discuss ventilatory management skills required in the mechanically ventilated patient.

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 Physiology Review

Electrical-Mechanical Function | Myocardial Oxygen Balance

Cardiac Assessment

ABC's of Cardiac Function | Look, Feel and Hear

Hemodynamics

ABC's of Dynamic Flow, Cardiac Function | Drugs: Manipulating Parameters | Case Studies

Acute Coronary Syndrome

Angina to Acute MI | Diagnostic Tools: Labs, 12-Lead | Drugs, Interventional Therapies | Case Studies

Heart Failure: The New Epidemic

Pathophysiology | Neurohormonal Activation | Diagnostics and Treatment | Use of Natreacor | Destination Therapy | Case Studies

Agenda

Day 2, 8:00 am to 4:00 pm

Pulmonary Physiology Review

Oxygenation and Ventilation | Alveolar Function

Pulmonary Assessment

ABC's of Hearing | Hemodynamic Monitoring | ABGs | CXR

Acute Diffuse Lung Injury

ARDS: What's New? | Case Studies

Complications of the ICU

Pneumonia: Ventilator Assisted Pneumonia (VAP)

Ventilatory Management of Pulmonary Crisis: Recognition and Management

Etiology | Diagnostic Tools | Prevention and Management | -Ectomies and -Otomies | Case Studies

Q&A Session | Evaluations

Accreditation

RN/LPN/LVN/Other: 13 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 50-1283, **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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