

Course Description

This one-day course provides a review of essential cardiac assessment skills, including physical assessment, use of bedside cardiac monitoring and 12-Lead ECG interpretation skills in evaluating patients with cardiac disease. Included is a review of commonly used cardiac drugs and the pathophysiology and evidence-based management of the most commonly encountered cardiac diagnoses: hypertension, atrial fibrillation, heart failure and acute coronary syndromes. This class is appropriate for nurses who care for patients with cardiac conditions in all types of clinical settings as well as for advanced practice nurses and nurse educators.

Program Learning Outcomes

This program prepares the learner to:

- Apply physiological concepts to your understanding of cardiovascular drug therapy.
- Utilize physical assessment skills to evaluate a patient's cardiovascular status.
- Apply monitoring electrodes correctly, and select appropriate leads for evaluation of cardiac rhythm.
- Utilize the 12-Lead ECG to evaluate patients with chest pain and acute coronary syndrome.
- Discuss management of patients with hypertension, atrial fibrillation, heart failure and acute coronary syndromes.

Agenda

Sign-in begins at 7:30 am. The day includes a break of 15 minutes. The order of lectures presented and break times may vary according to speaker preference.

8:00 am to 4:30 pm

- 0800 **Physical Assessment Skills and Bedside Monitoring Principles**
Blood Pressure Evaluation | Neck Vein Evaluation | Heart Sounds | Cardiac Monitoring (Lead Placement and Selection)
- 0845 **Drug Mechanism of Action and Side Effects**
Altering the Renin-Angiotensin-Aldosterone System | Drugs to Control Blood Pressure | Drugs to Alter Platelet Function and the Clotting Cascade
- 1000 **Break**
- 1015 **Guidelines for Assessment and Management of Hypertension**
Diagnosis of Hypertension | Evidence-Based Guidelines for Hypertension Management | Sprint Study
- 1045 **Evidence-Based Guidelines for Management of Atrial Fibrillation**
Hemodynamic Consequences of Atrial Fib | ECG Recognition | Drugs for Rate and Rhythm Control | Anticoagulation Issues and Stroke Prevention | Nonpharmacological Management
- 1200 **Lunch**
- 1300 **Pathophysiology and Compensatory Mechanisms**
Pathophysiology of Heart Failure | Systolic vs. Diastolic HF | Classification Systems | Acute Decompensated HF | Drug Therapy | Biventricular Pacing | Ventricular Assist Devices
- 1430 **Break**
- 1445 **Acute Coronary Syndromes**
Pathophysiology | Ischemia vs. Injury | Sites of Infarction | 18-Lead ECG | STEMI | Non-STEMI | Practice ECGs
- 1630 **Adjourn**

Accreditation

RN/LPN/LVN/Other: 7 Contact Hours

CRNA: 7 Class A CE Credit Hours

Includes 1.5 Pharmacology Contact Hours

MED-ED, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

MED-ED is approved by the American Association of Nurse Anesthetists (**AANA**).

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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