



Everything Cardiac

Course Description

This program provides a clinically applicable review of cardiac drugs and cardiovascular pathology, assessment and interventions based on current guidelines. Content includes a review of cardiac electrical and mechanical physiology and the physiological basis of cardiac drug therapy. It also includes the pathophysiology, diagnosis and management of heart failure, acute coronary syndromes and cardiomyopathies. Clinically useful tips on noninvasive assessment techniques and 12-Lead ECG interpretation, as well as a review of the diagnosis and treatment of tachyarrhythmias and heart blocks, can be applied in any clinical setting where patients with cardiac diseases receive care.

Program Learning Outcomes

This program prepares the learner to:

- Gain a better understanding of cardiac disease processes, diagnostics and treatments.
- Utilize resource tools to assess ECG findings and clinical signs forewarning of critical situations.
- Gain a better understanding of atrial fib, heart failure, acute coronary syndrome and sudden death syndromes.

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 4:30 pm

- 0800 **Electricity | Pump and Pipelines | Cardiovascular Assessment**
Anatomy and Physiology Review | Evaluating Neck Veins, BP, Heart Sounds
- 0945 **Break**
- 1000 **Cardiovascular Drug Cabinet: Know Your A, B, C's**
ACEI | ARBs | Aldosterone Blockers | Antiplatelets | New Anticoagulants | Beta Blockers | Calcium Channel Blockers
- 1200 **Lunch**
- 1300 **Essentials of 12-Lead ECG Interpretation**
Anatomy of a 12-Lead ECG | Normal P Waves, QRS, T Waves, ST Segment | Right and Left Bundle Branch Block | Determining QRS Axis
- 1430 **Break**
- 1445 **Acute Coronary Syndromes: Diagnosis and Management**
Cardiac Biomarkers | ECG Signs of Ischemia and Injury | ECG Identification of Infarct Location | 18-Lead ECG | Guidelines for Management of STEMI and NSTEMI
- 1630 **Adjourn**

Agenda

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

- 0800 **Raging Hormones and the Failing Heart: Diagnosis and Management**
Pathophysiology | Systolic vs. Diastolic HF | Classification Systems | Drug Therapy | Biventricular Pacing | VADs | IABP
- 1000 **Break**
- 1015 **Wacky Tachys and Shady Bradys**
Atrial Fibrillation and Flutter | AFib with WPW | AVNRT | AVRT | Second-Degree AV Blocks | High Grade AV Block | Complete AV Block
- 1200 **Lunch**
- 1300 **Cardiomyopathies | Channelopathies | Sudden Cardiac Death**
Dilated, Hypertrophic, Arrhythmogenic Right Ventricular Cardiomyopathies | Takotsubo Syndrome | Brugada Syndrome | LQTS
- 1430 **Break**
- 1445 **MI Mimics**
WPW Syndrome | LBBB and Ventricular Paced Rhythms | Pericarditis | Early Repolarization | Pulmonary Embolism
- 1600 **Adjourn**

Accreditation

RN/LPN: 13.5 Contact Hours

CRNA: 13 CE Credits

RT: 13.5 Category 1 CRCE Hours

Includes 2 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.

This program is also approved by the American Association of Nurse Anesthetists (**AANA**) and the American Association of Respiratory Care (**AARC**).

Med-Ed, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 3215, **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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