



# Essentials of Cardiovascular Nursing

## Course Description

This two-day seminar is a concentrated review of major cardiac and vascular disease processes coupled with current treatment modalities and best practice recommendations for the adult patient. Each section will contain a system review coupled with associated pathophysiology and disease states relevant to the cardiac-vascular systems. Case studies will be incorporated throughout the program to encourage development of critical thinking skills.

## Program Learning Outcomes

*This program prepares the learner to:*

- Identify and discuss risk factors for cardiac and vascular disease processes.
- Identify and discuss risk reduction for the cardiac-vascular patient.
- Identify current evidence-based treatment modalities for adult cardiac and vascular patients.
- Identify pharmacological treatment strategies for adult cardiac and vascular patients.

## 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 3:30 pm

- 0800 **Cardiovascular Risk Factors**  
Coronary Heart Disease | Stroke | Peripheral Vascular Disease | Diabetes | Metabolic Syndrome | Risk Reduction Strategies for the Cardiovascular Patient
- 0915 **Break**
- 0930 **Cardiac System Review and Electrophysiology**  
Cardiac Structure | Cardiac Vascular System | Electrophysiology | Identifying Dysrhythmias
- 1030 **Cardiac Disease States and Current Therapeutic Strategies**  
Angina | Acute Coronary Syndrome | Infarctions
- 1130 **Lunch**
- 1230 **Cardiac Disease States and Current Therapeutic Strategies (cont.)**  
Cardiomyopathies | Heart Failure | Ventricular Dysfunction
- 1345 **Break**
- 1400 **Cardiac Disease States and Current Therapeutic Strategies (cont.)**  
Pericarditis, Endocarditis, Valvular Disease | Structural and Congenital Anomalies | Pulmonary Hypertension
- 1500 **Q & A Session and Case Study Review**
- 1530 **Adjourn**

# Agenda

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

- 0800 **Vascular System Review**  
Endothelial Function | Inflammatory Response
- 0900 **Vascular Disease States and Current Treatment Modalities**  
Carotid Artery Occlusive Disease | Stroke | Upper and Lower Extremity Arterial Occlusive Disease
- 0945 **Break**
- 1000 **Vascular Disease States and Current Treatment Modalities (cont.)**  
Aortic Aneurysm | Chronic Venous Insufficiency | Deep Vein Thrombosis
- 1100 **Lunch**
- 1200 **Acute Cardiovascular Emergencies**  
Blunt Cardiac Injury | Sudden Cardiac Arrest, Death
- 1245 **Cardiac Vascular Pharmacology Updates**  
Inotropes | Vasodilators | Anti-Arrhythmics | Adrenergic Group | Calcium Channel Blockers | Anticoagulants and Fibrinolytics | Diuretics
- 1400 **Break**
- 1415 **Special Situations**  
Race, Ethnic, Gender and Cultural Considerations | Comorbid Conditions | Specific Nursing Considerations
- 1500 **Leadership, Legal and Ethical Issues**
- 1530 **Q & A Session**
- 1600 **Adjourn**

## Accreditation

**RN/LPN: 12.5 Contact Hours**

**CRNA: 12 CE Credits**

**RT: 12.5 Category 1 CRCE 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.

© 2015 MED-ED, Inc. All rights reserved.

