Course Description
This two-day seminar is designed to prepare the cardiac medical and cardiac surgical nurse to take the AACN certification exam for cardiac medicine and/or surgery. The course focuses on adult cardiac abnormalities with a concentration on nursing assessment and medical/surgical interventions. Coronary artery disease, acute coronary syndrome, heart failure and endocarditis will be the major topics of discussion, with related medical and surgical interventions. The review will also include a brief review of pulmonary, hematology, neurology and gastrointestinal and renal systems as they pertain to the cardiac patient.

Program Learning Outcomes
This program prepares the learner to:

- Self-report an increase in knowledge regarding care of the cardiac medicine and surgical patient at a 90% rate.

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

**Introduction to the Exam**
Requirements | How to Apply | Test Specifics | Test-Taking Strategies

**Blueprint for the Exam**
Domains of Practice | Synergy Model

**Anatomy Review**
Heart and Great Vessels | Coronary Artery Anatomy and Physiology | Sympathetic and Parasympathetic System | Electrical and Mechanical Function

**Critical Components**
Cardiac and Vascular Assessment | Hemodynamics | ECG

**Lunch 12:00 pm to 1:00 pm**

**Coronary Artery Disease**
Assessment | Diagnosis | Treatment Modalities

**Heart Failure**

**Cardiac Pathophysiology**
Heart Failure | Incidence and Statistics | Diagnosis | Treatment Modalities | Valvular Disease | Mitral Stenosis/Insufficiency | Aortic Stenosis/Insufficiency
Agenda

Day 2, 8:00 am to 3:30 pm

**Nursing and Medical Treatments of Cardiac Disease in Adults**
Medical-Surgical Interventions for Coronary Artery Disease, Valvular Disease and Heart Failure

**Plans of Care**
Preoperative Period | Techniques of Surgery | Effects of Bypass and Hypothermia

**Postoperative and Procedural Care Goals**
Immediate Interventions | Complications | Low-Cardiac Output Syndrome

Lunch 12:00 pm to 1:00 pm

**Postoperative and Procedural Care Goals (cont’d)**
Medications and Treatment Plans | Coordination of Three Processes to Improve Cardiac Output

**Related Complications**
Pulmonary | Neurological | Renal | GI

Sections of Core Content

Accreditation

RN/LPN/LVN/Other: 13 Contact Hours

Includes 6 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.

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

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