

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.

Key Learning Outcome

- After completing the program, 80% of participants will report an increase in knowledge and confidence necessary to pass the certification exam.

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

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

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 (**ANCC**).

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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