



Critical Care Essentials: Head to Toe

Course Description

This two-day seminar focuses on the fundamental principles of critical illness. Each lecture explores the pathophysiology of each disease process in a thorough, concise and practical way. Case studies, along with numerous multiple choice questions, challenge the attendee's critical thinking skills. This program also serves as a comprehensive CCRN® Exam Review as all body systems are reviewed.

For attendees preparing to take the CCRN Exam (Adult):

The Critical Care Essentials course content follows AACN's updated 2010 CCRN Exam blueprint. Professional Caring and Ethical Practice (20% of exam) issues are addressed when appropriate throughout the seminar.

Program Learning Outcomes

This program prepares the learner to:

- Correlate the anatomy and physiology of the cardiovascular, pulmonary, endocrine, neurological, hematologic, gastrointestinal, and renal systems to the care of the critically ill patient.
- Devise a plan of care for patients experiencing cardiovascular disorders.
- Describe interventions necessary for the care of patients with neurologic disturbances.
- Identify appropriate interventions in the care of persons with endocrine disorders.
- Provide a plan of care for patients with acute renal failure, chronic renal failure and electrolyte imbalances.
- Explain the nursing interventions necessary in the care of the patient with pulmonary disease.
- Discuss the various interventions necessary in caring for patients with GI disorders.

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

Cardiovascular

Anatomy and Physiology | Angina and Myocardial Infarction | Conduction System Defects | Congestive Heart Failure | Cardiomyopathies | Aortic Aneurysms | Interventional Cardiology | Cardiac Trauma | Hypertensive Crisis

Lunch 12:00 pm to 1:00 pm

Hematologic and Immunologic

Life Threatening Coagulopathies

Endocrine

Diabetes Insipidus | Hyperosmolar Coma | Hypoglycemia

Gastrointestinal

GI Bleed | Hepatic Failure | Acute Pancreatitis | Bowel Infarction | Abdominal Trauma

Behavioral and Psychosocial

Agenda

Day 2, 8:00 am to 4:30 pm

Neurologic

Stroke (Ischemic, Hemorrhagic) | Increased Intracranial Pressure | Seizures | Spinal Cord Injury

Renal

Acute and Chronic Renal Failure | Electrolyte Abnormalities

Pulmonary

Anatomy and Physiology | Respiration vs. Ventilation | Gas Exchange

Lunch 12:00 pm to 1:00 pm

Pulmonary (cont.)

Pulmonary Hypertension | Acute Respiratory Failure | ARDS | Pneumonia | Pulmonary Embolus | Asthma and COPD | Chest Trauma

Multisystem

Sepsis | Septic Shock | MODS

Accreditation

RN/LPN/LVN/Other: 14 Contact Hours

RT: 13.5 Category 1 CRCE Hours

Includes 3 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 for Respiratory Care (**AARC**).

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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