



mc strategies
THE HEALTHCARE E-LEARNING COMPANY



ESSENTIALS OF CRITICAL CARE ORIENTATION: UPGRADED CRITICAL CARE COURSE IDEAL FOR BOTH NEW AND EXPERIENCED NURSES

Never before have the responsibilities facing critical care nurses been more challenging and complex. Sicker patients, an ongoing nursing shortage, increasingly sophisticated technologies, and ever-changing practice guidelines all underscore the importance of developing a comprehensive orientation and education program for critical care nurses.

Elsevier/MC Strategies understands the many challenges facing critical care nurses and educators. That's why we've partnered with the American Association of Critical-Care Nurses (AACN) to offer their benchmark e-learning critical care orientation course: **Essentials of Critical Care Orientation 2.0 (ECCO 2.0)**. This powerful critical care educational solution, long a standard in the industry, has been extensively revised and updated. The ECCO 2.0 online course allows your organization to standardize critical care orientation. The expertly written content is rich with interactivity and teaching and learning tools. Staff educators can easily integrate this course into their traditional orientation program.

Authored by AACN - With the ECCO 2.0, your organization will benefit from a breakthrough, Web-based learning program that is ideal both for nurses new to critical care as well as those with experience who seek to refresh their learning or fill knowledge gaps. The course, which has been authored by a team of AACN critical care nursing experts, includes 49 lessons and provides up to 69* continuing nursing education hours awarded by AACN. AACN is the world's largest specialty nursing organization and an advocacy group for the health and welfare of individuals experiencing critical illness or injury.

AMERICAN
ASSOCIATION
of CRITICAL-CARE
NURSES

Evidence-based Practice Updates - Each module in the ECCO 2.0 course addresses the anatomy and physiology of a specific body system. Relevant diagnostic information is included, along with the clinical presentation and management of common disorders associated with the particular body system.

Course content in the extensively revised version of ECCO 2.0 reflects the most up-to-date, evidence-based practices, and practice standards. In response to user feedback, the course also includes more interactivity, a greater number of case studies, and more critical-thinking learning activities.



Interactive Tools, Anywhere/Anytime Learning - All lessons in the ECCO 2.0 course contain a variety of multimedia elements, including text, tables, audio, video, and animation. A wide range of self-check learning activities with feedback, pretests and posttests, and rationales for correct and incorrect answers help nurses engage with the content, test their knowledge, and identify areas requiring further study.

Detailed case studies tied to problem-solving learning techniques provide realistic scenarios that help strengthen decision-making and critical thinking at the point of care. Pop-up "Practice Pearls" also offer tips and guidance grounded in the real-world experiences of subject matter experts.

The ECCO 2.0 provides unmatched flexibility by offering self-paced, anywhere/anytime learning that helps eliminate scheduling conflicts. Staff educators and administrators can track the learner's progress, view testing results, and customize the continuing education program to meet individual staff needs. Transcripts and other related documentation are produced and retained for administrative record-keeping through Elsevier/MC Strategies' Learning Management System, an education platform specifically designed for healthcare settings that now provides education to over 2.5 million learners.

A Foundation of Knowledge - When it comes to critical care nursing, patient safety correlates directly to ongoing quality continuing education. Because most nursing undergraduate programs do not include specific or in-depth courses focused on critical care, hospitals must take on the responsibility of developing a comprehensive orientation program to ensure that new critical care nurses can respond appropriately, quickly, and with confidence to whatever challenges come their way. The Essentials of Critical Care Orientation 2.0 from AACN gives your organization the educational framework to ensure consistent critical care nursing.



LISTING OF LESSONS

INTRODUCTION TO CARE OF THE CRITICALLY ILL

- Introduction to AACN
- Care of Specialty Populations in Critical Care
- Organizing Care of the Critically Ill Patient
- Evidence-Based Practice
- Special Procedures in the Critical Care Unit

CARE OF THE PATIENT WITH CARDIOVASCULAR DISORDERS

- Cardiovascular Anatomy and Physiology†
- Assessing the Cardiovascular System
- Management of Acute Coronary Syndromes
- Pathologic Conditions
- Cardiac Surgical Interventions
- Cardiac Pacemakers and AICD

CARE OF THE PATIENT WITH PULMONARY DISORDERS

- Pulmonary Anatomy and Physiology†
- Respiratory Assessment Techniques, Diagnostic Tests and Monitoring Systems
- Pathologic Conditions
- Airway Management
- Basic Ventilator Management
- Thoracic Surgical Procedures

BASIC HEMODYNAMIC MONITORING

- Basics of Hemodynamic Monitoring Systems
- Arterial Pressure Monitoring
- Central Venous Catheters
- Pulmonary Artery Catheters
- Cardiac Output Monitoring
- Oxygenation and Transport
- Pharmacological Management of Hemodynamics

CARE OF THE PATIENT WITH NEUROLOGICAL DISORDERS

- Neurologic System Anatomy and Physiology†
- Special Neurologic Assessment Techniques
- Neurologic Monitoring
- Ischemic and Hemorrhagic Stroke
- Other Pathological Conditions

CARE OF THE PATIENT WITH GASTROINTESTINAL DISORDERS

- Gastrointestinal System Anatomy and Physiology†
- Diagnostic Testing
- Pathologic Conditions
- Nutritional Support of Critically Ill Patients

CARE OF THE PATIENT WITH RENAL DISORDERS

- Renal System Anatomy and Physiology†
- Assessment Techniques, Diagnostic Tests and Monitoring Systems
- Fluid and Electrolyte Disturbances
- Renal Disease
- Renal Replacement Therapy

CARE OF THE PATIENT WITH ENDOCRINE DISORDERS

- Endocrine System Anatomy and Physiology†
- Endocrine System Assessment
- Pathologic Conditions
- Managing Hyperglycemia in the Critically Ill Patient

CARE OF THE PATIENT WITH HEMATOLOGICAL DISORDERS

- Hematologic and Immunologic System Anatomy and Physiology†
- Assessment, Diagnostic Tests and Monitoring Systems
- Pathologic Conditions

CARE OF THE PATIENT WITH MULTISYSTEM DISORDERS

- Shock
- Sepsis, SIRS & MODS
- Overdose

† Optional Content For the End User

*The American Association of Critical-Care Nurses (AACN) is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

AACN has been approved as a provider of continuing education in nursing by the State Boards of Nursing of Alabama (#ABNP0062), Louisiana (#12) and California (#01036). AACN programming meets the standards for most other states requiring mandatory continuing education credit for relicensure.

