

IMPROVE CRITICAL CARE ORIENTATION

Orient Nurses Faster and More Consistently with a Complete Evidence-based Online Program

Essentials of Critical Care Orientation (ECCO®) from the American Association of Critical-Care Nurses (AACN®) provides novice nurses the theoretical foundation to effectively care for patients. The modules begin with an anatomy review, progress to medical problems in each area, and continue to treatments and after-care. ECCO addresses the anatomy and physiology of the body systems, relevant diagnostic information, and the clinical presentation and management of common disorders for each of the body systems. With this program, your organization will have the flexibility to orient nurses whenever hiring needs dictate and employee competence will be improved because educators can spend more time on applied training. By implementing ECCO as a key component of orientation programs, educators can launch successful, standardized training with confidence.

“With ECCO, we can offer a structured orientation into critical care that is written to national standards. The online format gives us more flexibility to hire nurses whenever they are needed instead of waiting to hire on a fixed schedule.”

Julia Garrison, RN, MSN, CCRN, PCCN-CMC
Director, Critical Care Fellowship
The Christ Hospital

Impact:

Increase Consistency

- Evidence-based, standardized education directly from AACN
- Content that is continually reviewed and updated

Increase Flexibility in Hiring

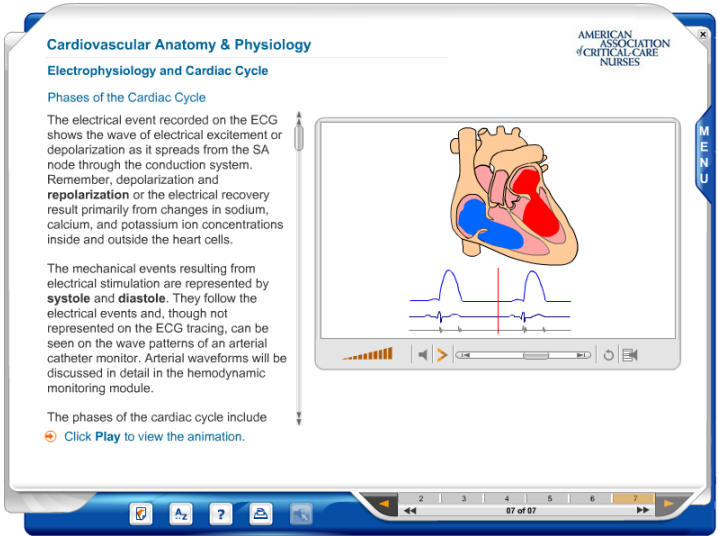
- Orient nurses on an as-needed basis
- Integrate ECCO as a powerful adjunct to classroom and preceptor learning activities

Improve Employee Competence

- Provide educators more time for applied learning with trainees

Features:

- Ten modules organized according to a body systems approach
- Each module contains an e-learning notebook, downloadable documents for offline reference, and supplementary tips called Practice Pearls
- Interactive content with rich graphics and illustrations
- Easy-to-use format that accommodates various learning styles
- Supplemented by Basic ECG Interpretation course



Cardiovascular Anatomy & Physiology
Electrophysiology and Cardiac Cycle

Phases of the Cardiac Cycle

The electrical event recorded on the ECG shows the wave of electrical excitement or depolarization as it spreads from the SA node through the conduction system. Remember, depolarization and **repolarization** or the electrical recovery result primarily from changes in sodium, calcium, and potassium ion concentrations inside and outside the heart cells.

The mechanical events resulting from electrical stimulation are represented by **systole and diastole**. They follow the electrical events and, though not represented on the ECG tracing, can be seen on the wave patterns of an arterial catheter monitor. Arterial waveforms will be discussed in detail in the hemodynamic monitoring module.

The phases of the cardiac cycle include

Click Play to view the animation.

AMERICAN ASSOCIATION OF CRITICAL-CARE NURSES

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ECCO features compelling graphics and animation to explain topics that are difficult to teach in a live setting alone.

This course is essential for:

- Critical Care Orientation
- Medical-Surgical Orientation

This course supports:

- Annual CE Requirements for Nursing
- Promoting Professional Development
- Just-In-Time Hiring

Course Outline

ECCO includes the following modules:

- Introduction to Care of the Critically Ill
- Care of the Patient with Cardiovascular Disorders
- Care of the Patient with Pulmonary Disorders
- Basic Hemodynamic Monitoring
- Care of the Patient with Neurological Disorders
- Care of the Patient with Gastrointestinal Disorders
- Care of the Patient with Renal Disorders
- Care of the Patient with Endocrine Disorders
- Care of the Patient with Hematologic Disorders
- Care of the Patient with Multisystem Disorders

Continuing Education Credit

This program is provided by the American Association of Critical-Care Nurses (AACN) for 69 Contact Hours, Category A. (Synergy Category A).

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), California (#01036), and Louisiana (#ABN12). AACN programming meets the standards for most other states requiring mandatory continuing education credit for relicensure.

Subject Matter Experts

Essentials of Critical Care Orientation was developed by experts at the American Association of Critical-Care Nurses (AACN™), the world's largest specialty nursing organization.

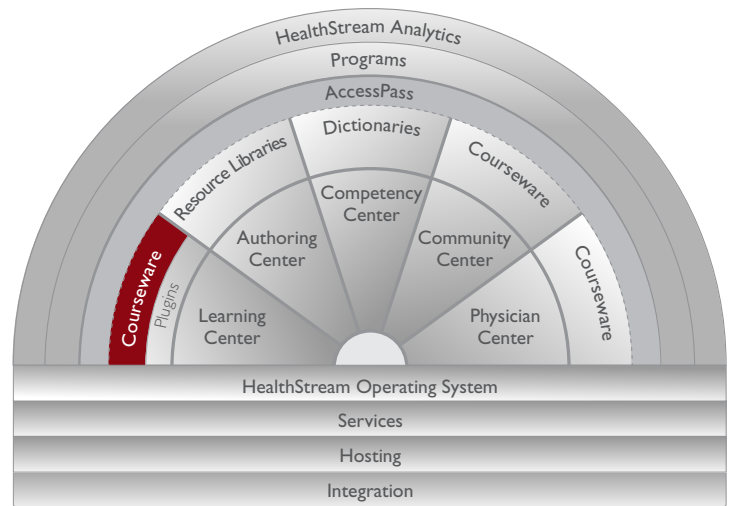
User Scale

- novice
- advanced beginner
- competent
- proficient
- expert

Recommended For:

- Critical Care nurse trainees

HealthStream's Integrated Solutions



About HealthStream

HealthStream (NASDAQ: HSTM) is a leading provider of research and learning solutions for the healthcare industry. HealthStream focuses on turning "Insight into Action" for leading healthcare providers and suppliers through continuous measurement and adaptive learning.