### **Self-Directed ICU Liberation Performance Improvement**

The use of valid and reliable bedside assessment tools to measure Pain, Agitation and Delirium (PAD) in ICU patients leads to better recognition and management of these important issues. The ICU Liberation Campaign is a quality improvement initiative that focuses on implementation of the Society of Critical Care Medicine's PAD guidelines using the newly modified ABCDEF bundle. The goal is to create lean, sustainable and highly functioning multiprofessional teams that partner with patients and their families to create a safe and comfortable ICU environment.

The Self-Directed ICU Liberation Performance Improvement online training course provides a relaxed experience to learn at your own pace from the comfort and convenience of your home or office. The goals of this course are to review the updated ABCDEF bundle, to identify any inconsistent applications of the bundle and to apply educational interventions for process improvement.

Participants will employ a template to assess sample patient data and identify areas for improvement. The course also uses tests to evaluate weaknesses and identify opportunities for bundle implementation to improve patient care.

Physicians and nurses are eligible to receive 7 hours of continuing education credit. Self-Directed ICU Liberation Performance Improvement includes eight interactive learning modules. Registrants have two years from the date of enrollment to complete the course.

## **Learning Objectives**

- Recognize valid and reliable assessment tools to prevent and manage pain, agitation and delirium in ICU patients, using the ABCDEF bundle
- Develop strategies for integrating a multiprofessional team culture
- Identify weaknesses or gaps in current ABCDEF bundle practice and data collection
- Assess skills using case vignettes and self-assessment tools

## **Continuing Education**

# **Target Audience**

This continuing education offering is intended to meet the needs of practitioners who care for critically ill patients, including advanced practice nurses, anesthesiologists, clinical pharmacists, critical care educators, clinical nurse specialists, ICU medical directors, ICU nurse managers, in-training professionals, internists, nurses, physicians, physician assistants, respiratory care practitioners, physical and occupational therapists and other critical care practitioners.

# Competencies

The Society of Critical Care Medicine (SCCM) supports recommendations that will promote lifelong learning through continuing education. SCCM promotes activities that encourage the highest quality in education that will enhance knowledge, competence or performance in critical care practice. This activity will meet the following competencies:

- Practice Applications
- Patient- and Family-Centered Care

- Quality Improvement
- Communication

### Type of Activity

Course content will focus on applying knowledge, practicing skills and implementing techniques of PAD strategies in the ICU.

### **Accreditation Information**

The Society of Critical Care Medicine (SCCM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation Statement: SCCM designates this enduring activity for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### Nurses

This activity has been approved by the California Board of Registered Nursing, Provider No. 8181, for up to 7 contact hours.



# **Pharmacists**

The Society of Critical Care Medicine (SCCM) is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. This enduring educational activity provides up to 7 contact hours of continuing education credit (0236-0000-16-090-H05-P). SCCM reports to a continuing pharmacy education (CPE) tracking service, CPE Monitor, which will authenticate and store data for completed CPE units received by pharmacists and pharmacy technicians. The tracking system will make CPE data available for each participant to the state boards of pharmacy where the participant is licensed or registered. After CPE units are processed by ACPE and the National Association of Boards of Pharmacy, pharmacists and pharmacy technicians will be able to log in to a comprehensive electronic profile to access information about their completed CPE.



## **Physician Assistants**

The American Academy of Physician Assistants accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 7 Category 1 credits for completing this activity.

#### American Board of Internal Medicine

This course meets the requirements for 7 Maintenance of Certification (MOC) credits. To claim MOC

credits, you must pass the posttest, select the option for Internal Medicine MOC, and enter your American Board of Internal Medicine number. Your score will be reported directly to the Board.

## **American Board of Surgery**

This course meets the requirements for up to 7 Maintenance of Certification (MOC) credits. To claim MOC credits, you must pass the posttest, select the option for Surgery MOC and request a certificate at <a href="mailto:education@sccm.org">education@sccm.org</a> to self-report the credit.

CE/CME Release date: 10/01/2016

CE/CME Expiration date: 10/31/2019

## **Course Requirements**

- 1. To complete and satisfy the requirements of this online course, you must:
- 2. Complete the pretest. Read the test directions before starting the test. Complete the pretest to assess your knowledge. A passing pretest score is not required to satisfy the requirements of this course. You are allowed **two** pretest attempts.
- 3. View the lesson modules provided.
- 4. Record data and complete a gap analysis. A spreadsheet is provided for downloading within the course to complete this material.
- 5. Complete and submit the posttest with a score of 80% or higher. You are allowed **two** posttest attempts.
- 6. Complete and submit the post-work evaluation. This function will appear only upon completion of the above requirements.
- 7. Identify your profession to claim a continuing education certificate. This function will appear only upon completion and submission of the post-work evaluation. The course will move to the Training History section, where you may print relevant certificates.

## **Additional Support**

For additional support, visit <a href="www.sccm.org/LearnICU-Help">www.sccm.org/LearnICU-Help</a>, or contact SCCM Customer Service at support@sccm.org.

SCCM copyrights the contents of all material available on this site unless otherwise indicated. You may not modify, reproduce or distribute the content on this site, the design or layout of the site, or the SCCM logo without written permission.

**Privacy Policy** 

#### **Disclosures**

All faculty participating in continuing medical education programs must disclose to the learner any financial interests with any commercial supporter or other relationships with manufacturers or providers of any product or service related to the content of their presentation. All content is peer-reviewed to ensure its quality and independence. The following financial relationships were disclosed:

## Planners:

Vishakha Kumar, MD, MBA Quality Manager Society of Critical Care Medicine Mount Prospect, Illinois, USA No financial disclosures

Lori Harmon, RT, MBA
Director of Quality
Society of Critical Care Medicine
Mount Prospect, Illinois, USA
No financial disclosures

### Faculty

Michele C. Balas, PhD, RN, APRN-NP, CCRN

**Associate Professor** 

Center of Excellence in Critical and Complex Care

The Ohio State University College of Nursing

Columbus, Ohio, USA

Hospira, France Foundation, Dignity Health, National Hartford Center for Gerontological Nursing Excellence/The John A. Hartford Foundation Institute for Geriatric Nursing/American Association of Colleges of Nursing, honoraria from CME activities.

Alzheimer's Association-Research funding

Shannon S. Carson, MD

Professor of Medicine

Division Chief, Pulmonary Diseases and Critical Care Medicine

Chapel Hill, North Carolina, USA

UNC Hospital - research funds from the NIH, United Pharmaceuticals, and Triangle Pharmaceuticals. Consultant for the Research Triangle Institute

John W. Devlin, PharmD, FCCM, FCCP

Professor, Department of Pharmacy and Health Systems Sciences

Bouvé College of Health Sciences, Northeastern University

Special and Scientific Staff, Division of Pulmonary, Critical Care and Sleep Medicine

Critical Care Pharmacist, Tufts Medical Center

Boston, Massachusetts, USA

Research funding-NIH, NHLBI, Hospira, AstraZeneca

Consultation-AstraZeneca

E. Wesley Ely, MD, MPH

Vanderbilt University

Associate Director of Aging Research, VA-GRECC

Pulmonary and Critical Care Medicine

Nashville, Tennessee, USA

ICU Physician Vanderbilt

Honoraria from Abbott, Hospira, Orion for CME Activities

NIH and VA U.S. Federal Funding

Cheryl L. Esbrook, OTR/L, BCPR

Program Coordinator of Occupational Therapy Professional Development

The University of Chicago Medical Center

Chicago, Illinois, USA

No financial disclosures

Ken D. Hargett, MHA, RRT, RCP, FAARC, FCCM

Director, Respiratory, Pulmonary, Sleep and Digestive Disease

The Methodist Hospital

Houston, Texas, USA

No financial disclosures

Alexandra Morse, PharmD, BCPS

Senior ICU Pharmacist

**Sutter Medical Center Sacramento** 

Sacramento, California, USA

No financial disclosures

Patricia J. Posa, RN, BSN, MSA, FAAN

Quality Excellence Leader

Saint Joseph Mercy Health System

Northville, Michigan, USA

No stocks in any industry companies

Contracted faculty for national and regional collaboratives: CUSP for MVP (Johns Hopkins and Michigan Hospital Association)

Funded by AHRQ CUSP for CAUTI Cohort 9 sponsored by HRET

Missouri Patient Safety Organization-CUSP

Sutter Health-ICU Liberation: Sage, Excelsior Medical—honoraria for educational activities

Brenda T. Pun, RN, MSN, ACNP

Program Clinical Manager

Vanderbilt University Medical Center

Durham, North Carolina, USA

France Foundation, American Association of Critical Care Nurses, Society of Critical Care Medicine -

honoraria from CME activities

Past honoraria - Hospira

Kathleen A. Puntillo, RN, PhD, FAAN, FCCM Professor Emeritus and Research Scientist Department of Physiological Nursing University of California, San Francisco San Francisco, California, USA No financial disclosures

William D. Schweickert, MD
Assistant Professor of Medicine
Director, Medical Rapid Response System
Director, Procedure and Resuscitation Service
Patient Safety Officer
Hospital of the University of Pennsylvania
Merion Station, Pennsylvania, USA
Consultant - HillRom, ArjoHuntleigh
Research funding from HillRom

# **Continuing Medical Education Review**

Shannon S. Carson, MD

For the purposes of continuing medical education (CME), each activity is reviewed before it is posted online. Members of this committee recuse themselves from the process for a specific activity if they have any relevant financial relationships that may pose a conflict of interest. The following relationships were disclosed:

Professor of Medicine
Division Chief, Pulmonary Diseases and Critical Care Medicine
Chapel Hill, North Carolina, USA

LING Hospital - research funds from the NIH. United Pharmaceuticals, and Triangle Pharmaceuticals.

UNC Hospital - research funds from the NIH, United Pharmaceuticals, and Triangle Pharmaceuticals. Consultant for the Research Triangle Institute

John W. Devlin, PharmD, FCCM, FCCP
Professor, Department of Pharmacy and Health Systems Sciences
Bouvé College of Health Sciences, Northeastern University
Special and Scientific Staff, Division of Pulmonary, Critical Care and Sleep Medicine,
Critical Care Pharmacist, Tufts Medical Center
Boston, Massachusetts, USA
Research funding-NIH, NHLBI, Hospira, AstraZeneca
Consultation-AstraZeneca

Ken D. Hargett, MHA, RRT, RCP, FAARC, FCCM
Director, Respiratory, Pulmonary, Sleep and Digestive Disease
The Methodist Hospital
Houston, Texas, USA
No financial disclosures

Alexandra Morse, PharmD, BCPS Senior ICU Pharmacist Sutter Medical Center Sacramento Sacramento, California, USA *No financial disclosures* 

Patricia J. Posa, RN, BSN, MSA, FAAN

Quality Excellence Leader

Saint Joseph Mercy Health System

Northville, Michigan, USA

No stocks in any industry companies

Contracted faculty for national and regional collaboratives: CUSP for MVP (Johns Hopkins and Michigan Hospital Association)

Funded by AHRQ CUSP for CAUTI Cohort 9 sponsored by HRET

Missouri Patient Safety Organization-CUSP

Sutter Health-ICU Liberation: Sage, Excelsior Medical—honoraria for educational activities

Brenda T. Pun, RN, MSN, ACNP

Program Clinical Manager

Vanderbilt University Medical Center

Durham, North Carolina, USA

France Foundation, American Association of Critical Care Nurses, Society of Critical Care Medicine -

honoraria from CME activities

Past honoraria - Hospira

Kathleen A. Puntillo, RN, PhD, FAAN, FCCM Professor Emeritus and Research Scientist Department of Physiological Nursing University of California, San Francisco San Francisco, California, USA

No financial disclosures