



Continuing Medical Education

Early Interventions in Critical Illness

A CME-CERTIFIED COURSE



WEDNESDAY, NOVEMBER 7, 2007



In conjunction with the
DEPARTMENT OF EMERGENCY MEDICINE
AND THE
CENTER FOR RESUSCITATION SCIENCE

UNIVERSITY OF PENNSYLVANIA
HEALTH SYSTEM

Sheraton University City Hotel
36th & Chestnut Streets
Philadelphia, Pennsylvania
215-387-8000

7:15 – 8:00 AM | Registration and Continental Breakfast
8:00 – 12:30 PM | Scientific Program



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Program Overview *Early Interventions in Critical Illness* will focus on the aggressive management of critically ill patients. Experts along the interface of Emergency Medicine and Critical Care Medicine will discuss interventions used by clinicians in the acute resuscitation of critically ill adults and children. The faculty will focus on the use of vasopressors, invasive monitoring, antibiotics, blood, steroids, and inotropes in an algorithm for resuscitation of patients with severe sepsis, septic shock and those that are post-cardiac arrest. The conference will also focus on principles of pediatric resuscitation and strategies to minimize errors in emergency airway management.

Target Audience This course is designed to meet the educational needs of physicians, physician's assistants, intensivists, nurse practitioners, and nurses caring for critically ill patients.

Learning Objectives At the conclusion of this program, participants should be able to:

- Explain the principles of goal-directed resuscitation of severe sepsis and septic shock
- Indicate how the post-cardiac arrest syndrome is a treatable disease
- Discuss the future of alternative airway devices
- Define the principles of pediatric resuscitation including the translation of hypothermia and goal-directed resuscitation to children

Hosting Institution *Early Interventions in Critical Illness* is hosted by the Department of Emergency Medicine and the Center for Resuscitation Science, University of Pennsylvania Health System.

Accreditation The University of Pennsylvania School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation of Credit The University of Pennsylvania School of Medicine designates this educational activity for a maximum of 4.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosures University of Pennsylvania School of Medicine, Office of Continuing Medical Education, adheres to the ACCME *Standards for Commercial Support*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products during their presentations.

Registration Fee There is no registration fee to attend *Early Interventions in Critical Illness*. You will be provided with continental breakfast, mid-morning breaks, and a course syllabus. If you register for this course and then decide that you cannot attend, please call our office at 215-898-8005 to cancel your registration.

Registration forms may be mailed or faxed to the Office of Continuing Medical Education. Please see the bottom of the registration form for contact information. All registrations will be confirmed in writing if the registration form is received by the Office of Continuing Medical Education by October 25, 2007.

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Cancellation Policy The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University is not responsible for any related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

Meeting Location *Early Interventions in Critical Illness* will take place at the Sheraton University City Hotel, Philadelphia, Pennsylvania. The Sheraton is located at 36th & Chestnut Streets. The hotel's main number is 215-387-8000. Please visit www.sheraton.com for additional information. Driving directions will be mailed to you with your registration confirmation letter.

Course Directors

Munish Goyal, MD

Assistant Professor
University of Pennsylvania School of Medicine
Co-Director, Clinical Center for Resuscitation
Department of Emergency Medicine
Hospital of the University of Pennsylvania
Philadelphia, PA

David F. Gaieski, MD

Assistant Professor
University of Pennsylvania School of Medicine
Co-Director, Clinical Center for Resuscitation
Department of Emergency Medicine
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Philadelphia, PA

Roger A. Band, MD

Assistant Professor
University of Pennsylvania School of Medicine
Department of Emergency Medicine
Hospital of the University of Pennsylvania
Philadelphia, PA

Guest Faculty

Richard M. Levitan, MD

Associate Professor
Thomas Jefferson University
Jefferson Medical College
Attending Physician, Emergency Medicine
Albert Einstein Medical Center
Philadelphia, PA

Emanuel P. Rivers, MD, MPH, IOM

Vice Chairman and Research Director
Department of Emergency Medicine
Senior Staff Attending, Departments of
Emergency Medicine and Surgery (Critical Care)
Henry Ford Hospital
Detroit, MI

Faculty

Benjamin S. Abella, MD, Mphil

Assistant Professor
University of Pennsylvania School of Medicine
Clinical Research Director
Center for Resuscitation Science
Department of Emergency Medicine
Hospital of the University of Pennsylvania
Philadelphia, PA

Vinay Nadkarni, MD, FAAP, FCCM, FAHA

Associate Professor of Anesthesia,
Critical Care and Pediatrics
Associate Director
Center for Resuscitation Science
University of Pennsylvania School of Medicine
Medical Director, Center for Simulation,
Advanced Education and Innovation
Department of Anesthesia and Critical Care
The Children's Hospital of Philadelphia
Philadelphia, PA

Patrick J. Neligan, MD

Assistant Professor
University of Pennsylvania School of Medicine
Department of Anesthesiology and Critical Care
Medical Director PACU
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Philadelphia, PA

Robert Neumar, MD, PhD, FACEP

Associate Professor
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Associate Director
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Hospital of the University of Pennsylvania
Philadelphia, PA

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Agenda

WEDNESDAY, NOVEMBER 7, 2007

- 7:15 AM – 8:00 AM **Registration and Continental Breakfast**
- 8:00 AM – 8:10 AM **Introduction**
Munish Goyal, MD
- 8:10 AM – 8:40 AM **The Evolution and Future of Alternative Airway Devices
in Emergency and Critical Care**
Richard Levitan, MD
- 8:40 AM – 9:40 AM **The Post-cardiac Arrest Syndrome and Therapeutic Hypothermia**
Benjamin S. Abella, MD; Robert W. Neumar, MD, PhD, FACEP
- 9:40 AM – 9:55 AM Break
- 9:55 AM – 10:25 AM **Fluid Resuscitation**
Patrick J. Neligan, MD
- 10:25 AM – 11:25 AM **Goal-Directed Pediatric Resuscitation**
Vinay Nadkarni, MD, FAAP, FCCM, FAHA
- 11:25 AM – 11:40 AM Break
- 11:40 AM – 12:30 PM **Early Goal-Directed Therapy in Critical Illness:
Sepsis and Beyond**
Emanuel P. Rivers, MD, MPH, IOM
- 12:30 PM **Evaluation and Adjournment**

Services for the Disabled If special arrangements are required for an individual with a disability to attend this meeting, please contact the Office of Continuing Medical Education no later than October 25, 2007, at (215) 898-8005.

Nondiscrimination Statement The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia PA 19104-6106 or (215) 898-6993 (Voice) or (215) 898-7803 (TDD). www.upenn.edu/affirm-action.

CME REGISTRATION FORM

Early Interventions in Critical Illness

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PLEASE PRINT OR TYPE

NAME (FIRST)

(LAST)

ACADEMIC DEGREE/YEAR OF TRAINING

MEDICAL SPECIALTY

AFFILIATION (HOSPITAL, OFFICE OR COMPANY)

ADDRESS (AFFILIATION HOME)

CITY

STATE

ZIP

PHONE

FAX

E-MAIL

There is NO registration fee for this conference but pre-registration is requested.

Mail or Fax the Registration Form to:

Conference Coordinator, University of Pennsylvania School of Medicine

Office of Continuing Medical Education

333 Blockley Hall, 423 Guardian Drive

Philadelphia, PA 19104-6021

Phone: 215-898-8005 • Fax: 215-898-1888 • E-Mail: penncme@mail.med.upenn.edu

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