CRITICAL CARE OF THE FUTURE: CONTROVERSIES and RESEARCH in CRITICAL CARE

FEBRUARY 1-2, 2018
UCLA Campus
Neuroscience Research Building
Auditorium (NRB)
Los Angeles, California

Course Director
Paul M. Vespa, MD, FCCM, FAAN, FNCS
This is our 12th annual neurocritical care symposium featuring a two-day conference designed to discuss innovative strategies to treat neurotrauma, cardiac arrest and other neurologic emergencies.

**COURSE DIRECTOR**

Paul M. Vespa, MD, FCCM, FAAN, FNCS  
Assistant Dean of Critical Care Medicine  
Gary L. Brinderson Family Chair in Neurocritical Care  
Professor of Neurosurgery & Neurology*  
Department of Neurology

**GUEST FACULTY**

Michael J. Bell, MD  
Chief, Division of Critical Care Medicine  
DC Lawyers Care for Children Professor of Critical Care Medicine  
Children’s National Medical Center  
Washington, DC

Thomas P. Bleck, MD, MCCM, FNCS  
Professor of Neurological Sciences, Neurosurgery, Medicine & Anesthesiology  
Assistant Dean, Rush Medical College  
Associate Chief Medical Officer (Critical Care)  
Rush University Medical Center  
Chicago, Illinois

J. Perren Cobb, MD, FACS, FCCM  
Professor of Clinical Surgery & Anesthesiology  
Director, Surgical Critical Care  
Keck Hospital of USC  
Los Angeles, California

Carla M. Sevin, MD  
Assistant Professor of Medicine  
Director, Pulmonary Patient Care Center  
Director, The ICU Recovery Center at Vanderbilt  
Vanderbilt University  
Nashville, Tennessee

**UCLA FACULTY**

Paul R. Allyn III, MD  
Assistant Clinical Professor*  
Department of Medicine, Infectious Diseases

Manuel Buitrago Blanco, MD, PhD  
Assistant Professor*  
Neurosurgery, Neurology & Neurocritical Care

Steven Y. Chang, MD, PhD  
Associate Clinical Professor of Medicine*  
Co-Director, Medical Intensive Care Unit  
Pulmonary & Critical Care Medicine

Myke Federman, MD  
Associate Professor of Pediatrics*  
Division of Pediatric Critical Care  
Medical Director, Pediatric Cardiopulmonary Intensive Care Unit  
Program Director, Pediatric Critical Care Fellowship

Meena Garg, MD  
HS Clinical Professor*  
Department of Pediatrics/Neonatology

Biren B. Kamdar, MD, MBA, MHS  
Assistant Clinical Professor*  
Division of Pulmonary Diseases & Critical Care  
Department of Medicine

Georgia Korbakis, MD  
Clinical Assistant Professor*  
Department of Neurosurgery  
Neurointensivist Central Coast Critical Care Associates  
Santa Barbara Cottage Hospital

Marc R. Nuwer, MD, PhD  
Professor & Vice Chair*  
Department of Neurology  
Department Head, Clinical Neurophysiology

Anil Sapru, MD  
Associate Professor of Pediatrics*  
Division Chief, Pediatric Critical Care  
Department of Pediatrics

Latisha Katie Sharma, MD, FAHA  
Associate Professor of Neurology*  
Director, Stroke Center Medical Quality  
Director, TeleStroke Program  
Associate Director, Vascular Neurology  
Residency Program

Areti Tillou, MD, MSEd  
Professor & Vice Chair for Education*  
Department of Surgery  
Director, UCLA-CASIT Accredited Education Institute

Tisha Wang, MD  
Associate Professor of Clinical Medicine*  
Fellowship Program Director  
Clinical Division Chief, UCLA Division of Pulmonary & Critical Care Medicine  
Director of Pulmonary & Critical Care Services  
Medical Director, Liver Transplant Intensive Care Unit, UCLA Division of Liver & Pancreas Transplantation

Neil Wenger, MD  
Professor*  
Department of Medicine  
Director, UCLA Health Ethics Center

*David Geffen School of Medicine at UCLA
DAY 1 – THURSDAY, FEBRUARY 1, 2018

7:00 AM  Registration and Continental Breakfast

8:00  Welcome and Introduction to Controversies
Paul M. Vespa, MD, FCCM, FAAN, FNCS

8:30  Trauma Care Fundamentals
Areti Tillou, MD, MSEd

9:00  Prehospital Emergency Preparedness
J. Perren Cobb, MD, FACS, FCCM

9:30  Pediatric Trauma – What is Unique?
Myke Federman, MD

10:00  Break

10:30  Depth of Hypothermia in Neonatal Hypoxic Ischemia
Meena Garg, MD

11:00  Are Sepsis Biomarkers Ready for Prime Time?
Anil Sapru, MD

11:30  Trends and Trials in Pediatric TBI
Michael J. Bell, MD

12:00 PM  Lunch

1:30  Advances in Sepsis
Paul R. Allyn III, MD

2:00  Advances in Transplant Critical Care
Tisha Wang, MD

2:30  ARDS and PETAL Trials
Steven Y. Chang, MD, PhD

3:00  Break

3:30  Liberation from ICU
Carla M. Sevin, MD

4:00  Brain Death and Organ Donation
Georgia Korbakis, MD

4:30  Ethics in Critical Care
Neil Wenger, MD

5:00  End of Day 1
DAY 2 – FEBRUARY 2, 2018

7:00 AM  Registration and Continental Breakfast
8:00  PANGEA in Pediatric Critical Care
      Michael J. Bell, MD
8:30  Septic Encephalopathy
      Thomas P. Bleck, MD, MCCM, FNCS
9:30  Delirium and Sleep Disorders
      Biren B. Kamdar, MD, MBA, MHS
10:00  Break
10:30  Genomics and Personalized Medicine in Critical Care
      Paul M. Vespa, MD, FCCM, FAAN, FNCS
11:00  Post ICU Syndrome
      Carla M. Sevin, MD
11:30  Neuromonitoring in Critical Care
      Marc R. Nuwer, MD, PhD
12:00 PM  Lunch
      Discussion group with Carla M. Sevin, MD and nursing leadership
1:30  Trends and Trials in ICH
      Manuel Buitrago Blanco, MD, PhD
2:00  Trends and Trials in Status Epilepticus
      Thomas P. Bleck, MD, MCCM, FNCS
2:30  Trends and Trials in Stroke
      Latisha Katie Sharma, MD, FAHA
3:00  Break
3:30  Clinical Case Simulations and Discussion
      Guest faculty discussants
5:00  End of Day 2 / Conference

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Please print clearly

Specialty

Name (First, Middle, Last)  Degree

Preferred Mailing Address

City, State, Zip

(Area Code) Business Phone  (Area Code) Fax Number

E-mail Address

Last 4 digits of your Social Security Number

Course Enrollment Options

CHECK enclosed, payable to: Regents of the University of California

CHARGE  □ Visa  □ MasterCard  □ Discover  □ American Express

___________________________________________  _____ / _____

Card Number                      Exp. Date

Authorizing Signature

Mail to: Office of Continuing Medical Education
       David Geffen School of Medicine at UCLA
       UCLA Critical Care of the Future
       10920 Wilshire Blvd., Suite 1060
       Los Angeles, CA  90024-6512

Fax: (310) 794-2624 (must include charge card information and authorizing signature)

Call: (310) 794-2620

Register on-line: www.cme.ucla.edu/courses (click on UCLA Critical Care of the Future)

REFUNDS: Cancellations must be received in writing by January 11, 2018 and will be subject to a $75 processing fee. No refunds will be given after that date. If for any reason the course must be canceled, discontinued, or rescheduled a full refund will be provided.

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<th>COURSE M178-24</th>
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<tr>
<td>Physicians</td>
<td>$300.00</td>
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<td>Nurses/ Nurse Practitioners</td>
<td>$200.00</td>
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<tr>
<td>Fellows/Residents</td>
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We will focus on controversies and recent advances in these areas:

**TRAUMA:**
Prehospital preparedness, resuscitation, and pediatric trauma.

**ICU CONTROVERSIES:**
Discussion of sepsis goal of care, delirium, post-ICU syndrome, and ethics.

**PEDIATRICS:**
Neonatal hypothermia, ARDS, and TBI.

**NEUROCRITICAL CARE:**
Surgery for hemorrhage, stroke thrombectomy, and refractory status epilepticus.

**ASK THE EXPERTS:**
Discuss interactive cases with the expert faculty.

**AUDIENCE RESPONSE:**
This is a highly interactive, participatory conference. There will be live audience response for each lecture, as well as the simulation sessions.

**ACCREDITATION**
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 14.5 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**DISCLOSURE STATEMENT**
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that nonpromotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

**ACCOMMODATION SUGGESTIONS**
A list of hotels conveniently located near UCLA is available at: https://www.uclahealth.org/Workfiles/patient_affairs/westwood-hotel-list.pdf
COURSE OVERVIEW

This is a two-day conference designed to discuss innovative strategies and controversies for the treatment of critically ill patients with trauma, sepsis, acute respiratory distress syndrome (ARDS), and brain injuries in the ICU of the future. We will provide updates on the fundamentals, but explore state-of-the-art controversies and late-breaking results from ongoing studies.

Top experts from all branches of critical care will be featured, including trauma, pediatrics, pulmonary, infectious disease, anesthesia, and neurocritical care. Interactive lectures supplemented with discussion groups, simulation training, and hands-on workshops will provide unique learning that transcends the usual CME course, and enable participatory learning for maximal impact on your practice.

TARGET AUDIENCE

Intensive Care Doctors, Nurses, Nurse Practitioners, Trauma Surgeons, Emergency Physicians, Neurologists, Residents and Fellows

EDUCATIONAL OBJECTIVES

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

- Implement a standardized process of care for the trauma patient
- Utilize pre-hospital and emergency management of critically ill patients
- Use current quality metrics and processes for ICU patients
- Apply time-sensitive treatments for sepsis, acute lung injury, shock, stroke, cardiac arrest, and traumatic brain injury
- Create hypothermia and targeted temperature management for neurologic injuries
- Implement best practices to decrease ICU delirium and postICU syndrome
- Enable informed ethical decision making among patients/families in the critical care setting
- Incorporate and use neurologic monitoring in critically ill patients
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