NEUROCRITICAL CARE IN THE ICU OF THE FUTURE SYMPOSIUM at UCLA

Information Technology in the ICU of the Future

JANUARY 20-21, 2011
UCLA Neuroscience Research Building (NRB Auditorium)
635 Charles E. Young Drive, South
Los Angeles, California, 90095

Course Director
Paul M. Vespa, MD, FCCM
Professor of Neurosurgery and Neurology
Director of Neurocritical Care
David Geffen School of Medicine at UCLA
This is the 6th annual NeuroICU symposium at UCLA, featuring a two day conference designed to discuss innovative strategies incorporating technology and human resources into a state-of-the-art intensive care unit.

SPECIAL FOCUS FOR 2011

NEONATAL AND PEDIATRIC NEUROCRITICAL CARE:
Important gaps in knowledge exist for brain injury in the young and treatments may differ based on age.

TRAUMATIC BRAIN INJURY:
Novel discoveries about TBI, blast injury, and concussion have been made that influence ICU care and the entire care spectrum.

NEUROLOGIC EMERGENCIES AND CRITICAL CARE:
Emergency neurology crises as well as complex treatment of Neuro-ICU patients will be addressed. Controversies will be discussed.

CARDIAC ARREST:
There now exists some very strong evidence that changes in CPR and post-cardiac arrest hypothermia are important advances in treating patients with cardiac arrest.

NEUROLOGIC MONITORING AND SIMULATION TRAINING:
There are challenges to achieving and maintaining critical care competencies and accreditation for practitioners in neurocritical care. We will feature simulator training and provide hands-on experience for attendees.

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

ICU NETWORKING WORKSHOP:
Learn how to outfit your ICU with the latest technology, network with other centers, improve quality of care and reduce costs.
THURSDAY, January 20, 2011

7:00AM  Registration and Continental Breakfast

7:50  Welcome and Introductory Comments

8:00  Triage and Telemedicine in Neurocritical Care
Paul Vespa

8:30  Translational Studies in TBI
David Hovda

9:00  Ongoing Clinical Trials in TBI
William Coplin

9:30  Break

10:00  Neonatal Neurocritical Care
Meena Garg

10:30  Pediatric Neurocritical Care for TBI
Michael Bell

11:00  Brain Imaging in Pediatric TBI
Christopher Giza

11:30  Simulation Training in Neonatal and Pediatric Neurocritical Care

12:30PM  Lunch and Tour of UCLA Singleton NeuroICU

2:00  Subarachnoid Hemorrhage: Novel treatments for vasospasm
Thomas Bleck

2:30  Subarachnoid Hemorrhage: The latest Coil Technology
Nestor Gonzalez

3:00  Subarachnoid Hemorrhage: Guidelines 2011
Paul Vespa

3:30  Break

4:00  Therapeutic Hypothermia: Protocols and the New Guidelines
William Coplin

4:30  Intracerebral Hemorrhage: Controversies and Best Practices
Yince Loh

5:00  Adjourn
FRIDAY, January 21, 2011

7:00AM  Registration and Continental Breakfast

8:00  Continuous EEG Monitoring in the ICU
    Thomas Bleck

8:30  Treating Pediatric Status Epilepticus
    Michael Bell

9:00  Brain Resuscitation – The Word about Salt
    William Coplin

9:30  Brain Resuscitation- Simulation Training
    William Coplin and Michael Bell

10:00  Break

10:30  Brain Oxygenation Monitoring to Guide Therapy
    Thomas Bleck

11:00  Cerebral Microdialysis Guiding Glycemic Control
    Yince Loh

11:30  Advanced Brain Imaging to Guide Therapy
    Paul Vespa

12:00PM  ICU Networking Workshop and Lunch

2:00  Brain Imaging in Coma: fMRI
    Martin Monti

2:30  Treatment Protocols in Neurocritical Care
    Carl Wherry

3:00  The Neurocritical Care Bundle – Achieving Perfection at the Bedside
    Michelle Gebhardt

3:30  Simulation Training in Multimodality Brain Monitoring and Imaging
    Faculty Panel and Audience Response

5:00  Conference Ends
COURSE DIRECTOR
Paul M. Vespa, MD, FCCM
Professor of Neurosurgery and Neurology
Director, Neurocritical Care

UCLA FACULTY
Meena Garg, MD
Clinical Professor
Pediatrics and Neonatology
Department of Pediatrics

Michelle Gebhardt, RN
Clinical Nurse Educator

Christopher Giza, MD, PhD
Associate Professor in Residence
Neurosurgery and Pediatric Neurology

Nestor Gonzalez, MD
Assistant Professor
Neurosurgery and Radiological Sciences

David Hovda, PhD
Professor and Vice Chair of Research and Academic Affairs
Department of Neurosurgery
Director, UCLA Brain Injury Research Center

Yince Loh, MD
Clinical Instructor
Department of Neurosurgery and Radiological Sciences

Martin Monti, PhD
Assistant Professor
Psychology and Neurosurgery

Carl Wherry, RN, MSN, ACNP-c
Acute Care Nurse Practitioner

GUEST FACULTY
Michael J. Bell, MD
Associate Professor
Pediatrics and Critical Care Medicine
University of Pittsburgh
Pittsburgh, Pennsylvania

Thomas P. Bleck, MD, FCCM
The Ruth Cain Ruggles Chairman of Neurology
North Shore University Health System
Professor of Neurology, Surgery and Medicine
The University of Chicago Pritzker School of Medicine
Chicago, Illinois

William M. Coplin, MD, FCCM
Associate Professor
Neurology & Neurological Surgery
Wayne State University
Chief, Neurology and Medical Director, Neurotrauma & Critical Care
Detroit Receiving Hospital
Detroit, Michigan
COURSE OVERVIEW  This is a two-day conference designed to discuss innovative strategies for the care of neurological emergencies and neurocritical care in the ICU of the future. This conference will focus on controversies in neurocritical care, and include discussions on neurocritical care and nursing strategies in the neuro-ICU.

There are many challenges to the delivery of neurointensive care in the emerging future. Intensive care will occupy over half of acute care hospital beds within the next decade and will be the focus of intense pressure to both improve care while limiting cost. The design of neuroscience centers of excellence will also be addressed. Pertinent information technology, advanced imaging techniques, and outcomes-based research will be increasingly used to achieve these goals.

TARGET AUDIENCE  Physician intensivists, nurse practitioners, advanced practice nurses, intensive care unit nurses, nursing administrators, pediatric intensivists and hospital information technology officers.

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

1. Diagnose and treat traumatic brain injury including understanding novel concepts about blast injury.
2. Diagnose and treat stroke using telemedicine.
3. Diagnose and treat brain hemorrhage.
4. Understand current concepts of coma, persistent vegetative state and minimally conscious state as well as the prognosis after a severe brain injury.
5. Gain a working practical knowledge of advanced brain monitoring in the ICU.
6. Learn and be able to implement therapeutic hypothermia after cardiac arrest.

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 educational activity for a maximum of 12 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements, under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Disclosure  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 non-promotional, 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, policy of the Accreditation Council for Continuing Medical Education now 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.
Tuition:
- Physicians: $300.00
- Nurses/Nurse Practitioners: $200.00
- Fellows/Residents: $150.00
- Industry, Hospital Administrators: $500.00

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Name (First, Middle, Last)

Address

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(Area Code) Business Phone | (Area Code) Fax Number
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E-mail Address

Last 4 digits of your Social Security Number

**Course Enrollment Options**
- Check enclosed, payable to: Academic Event Management
- Please charge my credit card

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- Mail completed enrollment form to:
  Academic Event Management
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  Thousand Oaks, CA 91362

- Fax enrollment form to: 805-494-1103
- Register by phone: 805-300-9154
- Register by e-mail: pat@academiceventmanagement.com
- Register on-line: nsurgnet.medsc.ucla.edu/futureicu/

**REFUNDS:** Cancellations must be received in writing by December 20, 2010 and will be subject to a $50 processing fee. No refunds will be given after that date. If for any reason the course must be canceled, discontinued, or rescheduled by the Office of CME, a full refund will be provided.
COURSE LOCATION

UCLA Neuroscience Research Building Auditorium
635 Charles E. Young Drive, South
Los Angeles, CA 90095

DIRECTIONS

UCLA NRB Auditorium:
From Wilshire Blvd, turn north onto Westwood Blvd. Continue six blocks north, turn left into Lot 8. Your permit can be purchased from the attendant at the gate.
Parking is $10 daily.
Proceed to the Neuroscience Research Building (NRB Auditorium).

ACCOMMODATIONS

Hotel Angeleno
170 N. Church Lane
Los Angeles, California 90049
For reservations call: 310-476-6411
Mention “ICU of the Future” for a special rate of $145 plus taxes.
Space is limited. Cut-off date for special rate is December 28, 2010