

NEUROCRITICAL CARE IN THE ICU OF THE FUTURE SYMPOSIUM *at* UCLA



JANUARY 28 & 29, 2010

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

CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFEN SCHOOL OF MEDICINE at UCLA

NEUROCRITICAL CARE IN THE **ICU OF THE FUTURE** SYMPOSIUM *at* UCLA

January 28 & 29, 2010

This is the 5th Annual Neuro-ICU 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 2010

HEALTHCARE POLICY IN A TROUBLED ECONOMY:

UCLA is leading the way in re-engineering healthcare delivery to meet the challenges of our time. We will explore the science behind a rational ICU health-care policy for neurocritical care and formulate a written advisory proposal to President Obama.

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:

There will be a live audience response for each lecture and the simulation sessions.

THURSDAY, January 28, 2010

- 7:00AM Registration and Continental Breakfast
- 7:50 **Welcome and Introductory Comments**
- 8:00 **The Future of Neurocritical Care**
Paul Vespa
- 8:30 **Treatment Guidelines in Neurocritical Care**
Claude Hemphill
- 9:00 **Neurocritical Care Under Enemy Fire**
Yince Loh
- 9:30 Break
- 10:00 **Novel Next Generation Treatments in TBI**
David Hovda
- 10:30 **Future Imaging of the Comatose Brain**
John Mazziotta
- 11:00 **The Next Generation of Neurosurgery Treatments**
James Ausman
- 11:30 **Health Care Policy Forum of Neurocritical Care**
E. Richard Brown and Faculty Panel
- 12:30PM Lunch and Tour of UCLA Singleton NeurolCU
- 2:00 **Subarachnoid Hemorrhage: To Coil or Clip**
Nestor Gonzalez
- 2:30 **Subarachnoid Hemorrhage: Novel Treatments for Vasospasm**
Stephan Mayer
- 3:00 **What is the Real Time Window for Thrombolysis After Stroke?**
Latisha Ali
- 3:30 Break
- 4:00 **Simulation Training in Neurocritical Care**
Faculty Panel and Audience Response
- 5:00 Adjourn

FRIDAY, January 29, 2010

- 7:00AM Registration and Continental Breakfast
- 8:00 **Cardiac Arrest – CPR, PCI, and Beyond**
Joshua Goldhaber
- 8:30 **Cardiac Arrest – Hypothermia**
Stephan Mayer
- 9:00 **Intracerebral Hemorrhage – Next Generation Surgery**
Paul Vespa
- 9:30 **Intracerebral Hemorrhage – Blood Pressure Trials**
Claude Hemphill
- 10:00 Break
- 10:30 **Continuous EEG Monitoring in the ICU**
Paul Vespa
- 11:00 **Brain Tissue Monitoring**
Claude Hemphill
- 11:30 **Cerebral Microdialysis**
Yince Loh
- 12:00PM Lunch and Tour of UCLA Singleton NeurolCU
- 2:00 **Critical Pathways for Using Advanced Brain Monitoring**
Stephan Mayer
- 2:30 **Challenges in Implementing Critical Pathways**
Michelle Gebhardt
- 3:00 **Simulation Training in Multimodality Monitoring**
Faculty panel and audience response
- 4:00 Adjourn

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COURSE DIRECTOR

Paul M. Vespa, MD, FCCM

Professor of Neurosurgery and Neurology
Director, Neurocritical Care



GUEST FACULTY

J. Claude Hemphill, III, MD, MAS

Associate Professor of Clinical Neurology and
Neurological Surgery
University of California, San Francisco
Director, Neurovascular & Neurocritical Care Program
Department of Neurology
San Francisco General Hospital
San Francisco, California

Stephan Mayer, MD

Associate Professor
Department of Neurology
Columbia University,
New York, New York

UCLA FACULTY

Latisha Katie F. Ali, MD

Assistant Professor of Neurology
Director, Telestroke Program

James Ivan Ausman, MD, PhD

Clinical Professor
Former Chairman of Neurosurgery
Henry Ford Hospital and
University of Illinois at Chicago

E. Richard Brown, PhD

Director, UCLA Center for Health Policy Research
Professor, Department of Health Services
UCLA School of Public Health
Principal Investigator, California Health Interview Survey

Michelle Gebhardt, RN

Clinical Nurse Educator

Joshua I. Goldhaber, MD

Professor of Medicine
Director, Coronary Care Unit

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
Division of Interventional Neuroradiology

John Mazziotta, MD

Chair, Department of Neurology

FACULTY

COURSE INFORMATION

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.

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COURSE# M090-19

Tuition:	Physicians	\$350.00
	Nurses/Nurse Practitioners	\$300.00
	Fellows/Residents	\$175.00
	Industry, Hospital Administrators	\$500.00

Please print clearly

Specialty _____ Degree _____

Name (First,Middle,Last) _____

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: **Academic Event Management**
- ☐ Please charge my credit card

Card Number _____ Exp.Date _____

Signature _____

- Mail completed enrollment form to:
Academic Event Management
1396 Rancho Lane
Thousand Oaks, CA 91362

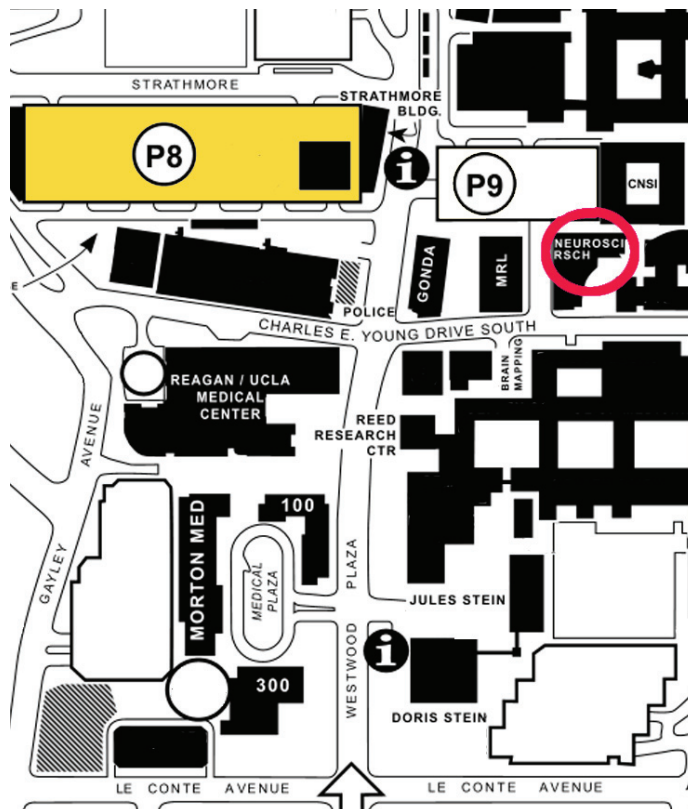
- Fax enrollment form to: 805-494-1103
- Register by phone: 805-300-9154
- Register by e-mail: pat@academiceventmanagement.com
- Register on-line: nsurgnet.medsch.ucla.edu/futureicu/

REFUNDS: Cancellations must be received in writing by January 2, 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.

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COURSE LOCATION

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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 \$135 plus taxes.

Space is limited. Cut-off date for special rate is January 6, 2010