

INFORMATION TECHNOLOGY AND MONITORING IN THE
ICU OF THE FUTURE
at UCLA



JANUARY 24 & 25, 2008

Tom Bradley International Hall
417 Charles E Young Dr West
Los Angeles, California



Course Director
Paul M. Vespa, MD, FCCM
Associate Professor of Neurosurgery and Neurology
Director of Neurocritical Care
David Geffen School of Medicine at UCLA



INFORMATION TECHNOLOGY AND MONITORING IN THE
ICU OF THE FUTURE
at UCLA

Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
10920 Wilshire Blvd., Suite 1060
Los Angeles, CA 90024-6512
MC 29

Presented by:



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INFORMATION TECHNOLOGY AND MONITORING IN THE

ICU OF THE FUTURE at UCLA

UCLA Tom Bradley International Hall, Los Angeles, CA
January 24 & 25, 2008

◆ A two-day conference designed to discuss innovative strategies for ICU design and functional operation in the next decade

COURSE DIRECTOR - Paul M. Vespa, MD, FCCM
Associate Professor of Neurosurgery and Neurology
Director, Neurocritical Care

GUEST FACULTY

Robert Clark, MD
Associate Professor of Pediatric
and Critical Care Medicine
University of Pittsburgh

William Coplin, MD
Associate Professor
Department of Neurology
Wayne State University

Basim Faris, BS, MEng
NossaTV
Austin, Texas

Maurene A. Harvey, RN, MPH, FCCM
President, Consultants in Critical Care, Inc.
Lake Tahoe-Glenbrook, Nevada

Kenneth G. Jordan, MD
President, Jordan NeuroServices
San Bernardino, California

Stephan Mayer, MD
Associate Professor
Department of Neurology
Columbia University

Dick Moberg, PhD
CNS
Philadelphia, PA

Greg Smith
Chief Executive Officer, Compco Industries
Managing Partner, Strike Out Stripz, LLC

UCLA FACULTY

Barbara Anderson, RN
Neuro/Trauma ICU Unit Director

Michelle Gebhardt, RN
Clinical Nurse Educator

David Hovda, PhD
Professor, Neurosurgery
Director, UCLA Brain Injury Research Center

Yince Loh, MD
Clinical Instructor
Division of Interventional Neuroradiology

Andy Madikians, MD
Associate Professor of Pediatric
and Critical Care Medicine

Neil Martin, MD
Professor and Chief
UCLA Neurosurgery

Chad Miller, MD
Assistant Professor
Division of Neurosurgery/Dept of Neurology

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

**Jennifer Youngblood, RN, CNRN,
MSN, CNS, ACNP-c**
Acute Care Nurse Practitioner

ICU OF THE FUTURE COURSE

COURSE# M078-38

Tuition:	Physicians	\$175.00
	Nurses	\$125.00
	Fellows/Residents	\$75.00
	CIO/Hospital Administration	\$500.00
	Industry	\$750.00

Deadline to register is January 18, 2008

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: www.neurosurgery.medsch.ucla.edu/futureicu/

REFUNDS: Cancellations must be received in writing by January 2, 2008 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.

THURSDAY, January 24, 2008

- 7:00AM Registration and Continental Breakfast
- 7:50 **Welcome Introductions**
- 8:00 **Building Neuroscience Centers of Excellence**
Barbara Anderson, RN
- 8:30 **Neurologic Monitoring for the Next Generation of ICU Nurses**
Michelle Gebhardt, RN and Dick Moberg, PhD
- 9:30 **The Future of ICU Nursing**
Maurene Harvey, RN CME credit not available
- 10:15 Break
- 10:30 **Nurse Practitioners in the Neuro-ICU**
Carl Wherry, ACNP-c and Jennifer Youngblood, ACNP-c
- 11:00 **Controversies in Telemedicine for Neurologic Emergencies and Critical Care**
Paul Vespa, MD
- 11:30 **Neurosurgery and Neurocritical Care in 2020**
Neil Martin, MD
- 12:00PM Lunch
- 1:00 **Team Leadership**
Greg Smith
- 1:30 **Controversies in Neurological Emergencies - Status Epilepticus**
Kenneth Jordan, MD
- 2:00 **Controversies in Neurological Emergencies - Stroke**
William Coplin, MD
- 2:30 **Controversies in Neurological Emergencies - Subarachnoid Hemorrhage**
Yince Loh, MD
- 3:00 Break
- 3:15 **Controversies in Neurological Emergencies - Intracerebral Hemorrhage**
Stephan Mayer, MD
- 3:45 **Controversies in Neurological Emergencies-Brain Injury**
Chad Miller, MD
- 4:15 **Simulation Training in Neurologic Emergencies**
Paul Vespa, MD and Expert Faculty
- 5:30 Adjourn

FRIDAY, January 25, 2008

- 7:00AM Registration and Continental Breakfast
- 8:00 **Pediatric Neurocritical Care - Core Concepts and Controversies**
Andy Madikians, MD
- 8:30 **Pediatric Neurocritical Care -The Top Advances in Translational Science**
Robert Clark, MD
- 9:00 **Continuous EEG in the ICU**
Kenneth Jordan, MD
- 9:30 **Controversies in Continuous EEG in the ICU**
Paul Vespa, MD
- 10:00 Break
- 10:30 **Cerebral Microdialysis**
Chad Miller, MD
- 11:00 **Brain Tissue Oxygen Monitoring**
William Coplin, MD
- 11:30 **Hypothermia in the Neuro-ICU**
Stephan Mayer, MD
- 12:00PM Lunch
- 1:30 **Scientific Unknowns in the Neuro-ICU**
David Hovda, PhD
- 2:15 **Multimodality Monitoring Case Simulations**
Paul Vespa, MD and Faculty
- 3:15 Break
- 3:30 **Hands-on Course in Neurologic Monitoring and Treatments Interactive Stations for Hands-on Sessions Featuring:**
- EEG Monitoring - Brain Tissue O₂
- Hypothermia Devices - ICP
- Training & Assessment Computer Applications
- Microdialysis Simulation Insertion
- (Attendees will rotate between stations every 30 minutes)*
- 5:00 Adjourn

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 pediatric 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, intensive care unit nurses, neurologists, pediatric intensivists, nursing administrators, and hospital administrators.

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

- Identify trends in clinical, administrative, and economic challenges in neurointensive care
- Strategize to improve outcomes in neurological emergencies
- Discuss controversies in neurocritical care
- Provide simulation training for common neurological emergencies and neurocritical care treatment scenarios
- Provide effective nursing education, recruitment and retention in the ICU of the future
- Improve patient safety and outcome with information technology in the ICU
- Apply telemedicine in the ICU of the future
- Understand the future of critical pathways in the neuro-ICU
- Discuss economics and outcomes of a neurointensivist led neuro-ICU, continuous electroencephalography in the ICU, intracranial pressure monitoring in the ICU, brain tissue oxygen monitoring in the ICU, brain Microdialysis monitoring in the ICU and advanced CT, MRI and PET imaging techniques in the ICU of the future

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 12.5 *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.

COURSE LOCATION

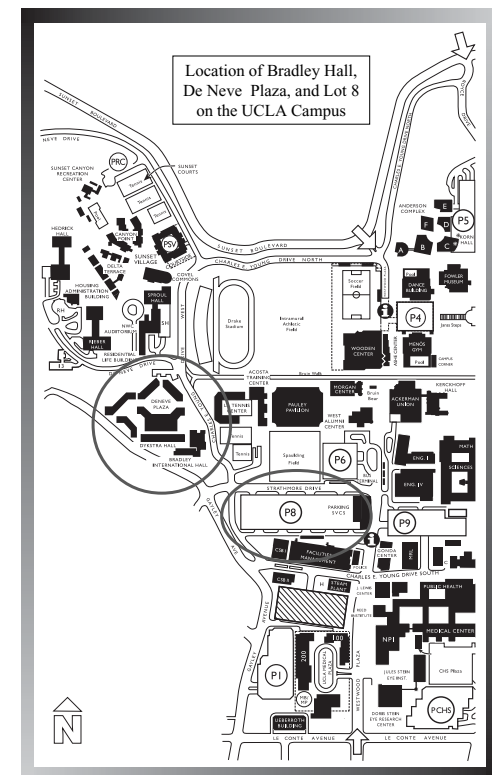
Tom Bradley International Hall
417 Charles E Young Dr West
Los Angeles, CA 90095

Directions to Tom Bradley International Hall

(Purchase Parking Permit in Lot 8, Roof Level. Park in Lot 8.)

1. From the 405 Freeway, exit on **Wilshire Blvd. EAST**. Proceed on Wilshire Blvd. to **Westwood Blvd.** and make a **LEFT**.
2. Proceed **NORTH** on Westwood Blvd., cross Charles E. Young Drive South and continue 1/2 a block. Turn **LEFT** into **Lot 8** and take the **ramp to the roof level**.
3. Purchase a permit for **Lot 8** from the attendant at the gate.

Parking permits are \$8 per day and are good for only one lot (i.e., you may not move your car to another lot without paying an additional charge).
4. Park on the **NORTH** side of the lot and use the **pedestrian overpass** to cross over **Strathmore Drive**.
5. Cross **Charles E. Young Drive West** at the crosswalk, which leads you directly to Tom Bradley International Hall.



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 \$169 plus taxes.
Space is limited. Cut off date for special rate is January 2, 2008