This is the 9th annual NeuroICU symposium at UCLA, featuring a two-day conference designed to discuss innovative strategies to treat neurotrauma, cardiac arrest and other neurologic emergencies.

**FACULTY**

**COURSE DIRECTOR**

Paul M. Vespa, MD, FCCM, FAAN  
Professor of Neurosurgery and Neurology  
David Geffen School of Medicine at UCLA  
Director, Neurocritical Care  
Ronald Reagan UCLA Medical Center

**UCLA FACULTY**

Latisha Ali, MD  
Assistant Clinical Professor*  
Director, Telestroke Program  
Department of Surgery

Manuel M. Buitrago Blanco, MD, PhD  
Assistant Professor*  
Neurosurgery, Neurology, and Neurocritical Care

Nestor Gonzalez, MD, FAHA  
Associate Professor*  
Departments of Neurosurgery and Radiological Sciences

Marc Nuwer, MD  
Professor*  
Department of Neurology

Jeffrey Saver, MD  
Professor*  
Director, UCLA Stroke Center  
Department of Neurology

*David Geffen School of Medicine at UCLA

**GUEST FACULTY**

Thomas P. Bleck, MD, FCCM  
Professor of Neurological Sciences, Neurosurgery, Medicine, and Anesthesiology  
Assistant Dean, Rush Medical College  
Associate Chief Medical Officer (Critical Care)  
Rush University Medical Center  
Founding Past President, The Neurocritical Care Society  
Chicago, Illinois

Daniel F. Hanley, MD  
Director, Division of Brain Injury Outcomes  
Jeffrey and Harriet Legum Professor  
Johns Hopkins Medicine Acute Care Neurology  
Baltimore, Maryland

Chad Miller, MD  
Associate Professor of Neurology and Neurosurgery  
Wexner Medical Center at The Ohio State University  
Columbus, Ohio

Kristine O’Phelan, MD  
Associate Professor of Clinical Neurology  
Director of Neurocritical Care  
University of Miami, Miller School of Medicine  
Miami, Florida
THURSDAY, February 20, 2014

7:00 AM  Registration and Continental Breakfast
7:55  Welcome and Introductory Comments
8:00  Fundamentals of Neurologic Triage
      Chad Miller, MD
8:30  Fundamentals of Critical Care for the Nonintensivist
      Thomas P. Bleck, MD, FCCM
9:00  Advances in Neuroimaging in Neurocritical Care
      Nestor Gonzalez, MD
9:30  Coffee Break
10:00  Therapeutic Hypothermia after Cardiac Arrest
       Manuel M. Buitrago Blanco, MD, PhD
10:30  Monitoring the Brain after Cardiac Arrest
       Thomas P. Bleck, MD, FCCM
11:00  Workshop 1: Hypothermia- Ask the Experts
12:00PM  Lunch
1:30  Neurotrauma: What is the Role of ICP Monitoring?
      Chad Miller, MD
2:00  Neurotrauma: Update on Clinical Trials
      Kristine O’Phelan, MD
2:30  Intracerebral Hemorrhage: Blood Pressure Control
      Paul M. Vespa, MD, FCCM, FAAN
3:00  Intracerebral Hemorrhage: Minimally Invasive Surgery
      Daniel F. Hanley, MD
3:30  Coffee Break
4:00  Ask The Experts 1: Treatment of ICH and Neurotrauma
      All Faculty
5:00  End of Day 1
FRIDAY, February 21, 2014

7:00 AM  Registration and Continental Breakfast
8:00  Continuous EEG Monitoring in the ICU
      Marc Nuwer, MD
8:30  Status Epilepticus: New Guidelines for Treatment
      Thomas P. Bleck, MD, FCCM
9:00  Evoked Potentials Monitoring in Coma
      Kristine O’Phelan, MD
9:30  Coffee Break
10:00  Workshop 2: EEG Waveform Interpretation with Practical Tips
11:00  Stroke: Advances in Prehospital/ER Care
      Latisha Ali, MD
11:30  Stroke: What is the Case for Thrombectomy in 2014?
      Jeffrey Saver, MD
12:00 PM  Lunch
1:30  SAH: Guidelines for Treatment
      Manuel M. Buitrago Blanco, MD, PhD
2:00  SAH: Goal Directed Care Using Multimodality Monitoring
      Chad Miller, MD
2:30  Hot Topics and Important Papers from 2013
      Thomas P. Bleck, MD, FCCM
3:00  What’s Next on the Horizon?
      Paul M. Vespa, MD, FCCM, FAAN
3:30  Coffee Break
4:00  Simulation Session: Brain Monitoring and Informatics
      All Faculty
5:00  End of Conference
Tuition: Physicians $300.00
Nurses/Nurse Practitioners $200.00
Fellows/Residents $150.00
Industry, Hospital Administrators $500.00

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Course Enrollment Options

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- Please charge my credit card

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- 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/

Please visit our website for our UCLA CME offerings at http://www.cme.ucla.edu

REFUNDS: Cancellations must be received in writing by February 5, 2014 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.
SPECIAL FOCUS FOR 2014

INTRACEREBRAL HEMORRHAGE:
Discussion of controversies in medical and surgical treatment.

CARDIAC ARREST:
Innovative strategies for CPR, cardiac resuscitation and therapeutic hypothermia will be discussed.

STROKE CONTROVERSIES:
Early treatment, triage, thrombectomy will be discussed.

THE YEAR IN REVIEW:
Review of the late-breaking results from 2013.

WORKSHOPS:
Focused sessions to gain experience in interpreting cEEG, Brain Tissue Oxygen and other brain monitoring.

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 and the simulation sessions.

NON CME Accredited Lunch Breakout Sessions
Thursday and Friday, February 20th & 21st
12:30pm-1:30pm

Communication Corner
Gregory B. Smith, Sr.
Principle at Achievers USA
Youngstown, Ohio

Telemedicine
Herb Rogove, DO, FCCM, FACP
President/CEO
C3O Telemedicine
Ojai, California

COURSE LOCATION & ACCOMMODATIONS
Luxe Hotel
11461 Sunset Blvd.
Los Angeles, CA 90049
Parking: $12/day, $18/overnight

For reservations call: 310-476-6571
Mention “ICU of the Future” for a special rate of $195 plus taxes.
Space is limited. Cut-off date for special rate is January 20, 2014.

Online: www.luxesunset.com
Booking code: ICUFUTURE
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 including 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 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
Intensivists, Neurologists, Neurosurgeons, Neurointensivists, Advanced Practice Nurses, and Intensive Care Unit Nurses are all welcome to attend.

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

- Diagnose and treat traumatic brain injury including understanding novel concepts about blast injury.
- Diagnose and treat neurotrauma using telemedicine.
- Diagnose and treat cardiac arrest.
- Learn about general trauma care for the shock patient and the interplay between brain injury and multiple trauma.
- Gain a working practical knowledge of advanced brain monitoring in the coma patient.
- Learn and be able to implement therapeutic hypothermia after cardiac arrest.
- Have practical knowledge of neurotrauma via simulation training.

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 13 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 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.
NEUROCOSTRICAL CARE in the ICU OF THE FUTURE
Symposium at UCLA

FEBRUARY 20-21, 2014
Luxe Hotel • Los Angeles, California

UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
405 Hilgard Avenue MC 29
Los Angeles, California 90095-6938