Course Advisor & Keynote Speaker
Professor Michael Pinsky MD, CM, Dr hc, MCCM, FCCP

Course Directors
Kathirvel Subramaniam MD
Stephen A Esper MD, MBA

Course Co-Directors
Ata Murat Kaynar, MD, MPH
Kenichi Tanaka, MD

FIRST ANNUAL PERIOPERATIVE AND CRITICAL CARE MONITORING CONFERENCE AND WORKSHOPS
August 24 & 25, 2013
UPMC Herberman Conference Center, UPMC Shadyside Campus
Pittsburgh PA
Sponsored By
Department of Anesthesiology,
University of Pittsburgh &
University of Pittsburgh School of Medicine Center For Continuing Education In the Health Sciences
Pittsburgh, PA
Learning Objectives

At the conclusion of this course, the participant should be able to

- Understand the basic principles behind monitoring techniques
- Understand the supporting literature for the monitoring technologies in common use
- Apply evidence-based monitoring practices to treat medical, surgical and critically ill patients
- Update knowledge on recent advances in monitoring technologies
- Apply safe monitoring practices in patient care
- Understand the advantages, limitations and complications related to various monitoring devices
- Demonstrate self-evaluation of patient monitoring skills and knowledge by identifying specific suboptimal patient outcomes
- Review the practical use of multimodal monitoring in specific patient populations (e.g., cardiovascular, neurosurgical, medical and trauma surgical patients)
- Demonstrate practical operating skills of monitoring equipment
- Teach the importance of various monitoring to their colleagues

Program overview

This two day conference and workshop offers a comprehensive review of monitoring techniques used in current anesthesia, perioperative and critical care practice using concise didactic lectures, pro-con debate sessions, case presentations and workshops. Following the course, participants should be able to understand and formulate an evidence based and practical approach to monitoring of their operative and critically ill patients

Target Audience

- Anesthesiologists and Critical Care Physicians
- Emergency room physicians, Surgeons and Physicians from other specialties who are involved in the care of critically ill patients
- Certified Registered Nurse Anesthetists, Registered Nurses and Physician Assistants
- Trainees including Fellows and Residents
- Medical Students and Student Nurses
Faculty

Faculty Information

Guest Faculty Physicians
Brandi A. Bottiger MD, Assistant Professor of Anesthesiology, Duke University Medical Center, Durham, NC
Maxime Cannesson, MD, PhD, Associate Professor of Anesthesiology, Department of Anesthesiology & Perioperative Care, University of California, Irvine, CA
Julie L. Huffmyer, MD, Assistant Professor of Anesthesiology, Associate Residency Program Co-Director, University of Virginia, Charlottesville, VA
Miklos D. Kertai MD, PhD, Assistant Professor of Anesthesiology, Duke University Medical Center, Durham, NC
Balachundhur Subramaniam MD, MPH, Associate Professor, Harvard University, Director of Cardiac Anesthesia & Resident Research, Beth Israel Deaconess Medical Center, Boston, MA

UPMC Anesthesiology Faculty Physicians
Stephen O. Bader, MD
John C. Caldwell MD
Mark I. Lischner, DO
Jose Marquez, MD
Dennis Phillips, DO
Mahesh P. Sardesi, MD

UPMC Critical Care Medicine Faculty
Hernando Gomez, MD
David T. Huang, MD, MPH
Murat Kaynar, MD, MPH
Phillip E. Lamberty, MD

UPMC Medical Faculty
Franklin A. Bontempo, MD

UPMC Neurological Surgery and Neurology Faculty
Thirumala D. Parthasarthy, MD

UPMC School of Nursing Faculty
Aaron Ostrowski, CRNA, BSN, MSN
Dale Heron, CRNA, BSN

Continuing Education

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for 15 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.5 continuing education units (CEU’s), which are equivalent to 15 contact hours.
Final Scientific Program

DAY 1

7:00 – 7:20  Breakfast and Registration

7:20 - 7:30  Welcome Address
John P. Williams, MD
Peter and Eva Safer Professor
Chair, Department of Anesthesiology, UPMC
Associate Medical and Scientific Director
UPMC International Division

7:30- 8:00  Dynamic Markers of intraoperative Hemodynamic Instability
Balachundhur Subramaniam, MD, MPH

8:00-8:45  Goal directed therapy in the operating room-
Maxime Cannesson, MD, PhD

8:45 – 9:15  Goal directed therapy in critically ill patient
David Huang MD

9:15-9:45  Problem based case discussions

9.45-10.00  Break

10.00-10.30  Swan-Ganz catheters for critically ill patients: The debate is still on!
Julie Huffmyer MD

10.30-11.00  "Just Scan the patient"-- Critical Care Ultrasound
Phillip Lamberty, MD

11.00-11.30  Hemodynamic evaluation of the right ventricle
John C Caldwell, MD

11:30-12.00  TEE in ICU and non-cardiac surgery
Brandi A Bottiger, MD

12.00-13.00  Lunch

13.00-14.00  Keynote Lecture: Noninvasive and minimally invasive hemodynamic monitoring technologies: A paradigm shift in patient management?
Michael Pinsky, MD, CM, Dr hc, MCCM, FCCP

14.00-14.30  Interesting cases discussion with audience participation

14.30-17.30  Hemodynamic Workshop

Workshop faculty: Michael Pinsky, Maxime Cannesson, Lamberty Phillip, Kathirvel Subramaniam, Stephen Esper, Murat Kaynar, Hernando Gomez, Marquez Jose, Brandi Bottiger, Julie Huffmyer, Dennis Phillips, Mark Lischner, Michael Boisen, Stephen McHugh, Mahesh P Sardesi, Dale Heron

18.00:  Gateway Clipper Fleet Dinner

DAY 2

7.00-7.30  Breakfast

7.30-8.00  Cerebral oximetry: Does it prevent stroke or cognitive dysfunction after cardiac and non-cardiac surgery?
Stephen O Bader MD

8.00-8.15  Case discussion

8.15-8.45  Neurophysiologic monitoring in the operating room and ICU-
Thirumala Parthasarathy MD

8.45-9.00  Case discussion

9.00-9.45  Bispectral index monitoring- Awareness monitor or depth of anesthesia monitor?
Miklos Kertai MD, PhD

9.45-10.15  Monitoring difficulties in remote locations
Aaron Ostrowski, CRNA

10.15-10.30  Break

10.30-11.15  Newer advances in coagulation monitoring and therapy
Kenichi Tanaka MD

11.15-12.00  Pro-Con Debate; Point of care coagulation monitoring
Pro- Stephen O Bader MD
Con- Franklin A Bontempo MD

12.00-14.00  Coagulation workshops
Stephen O Bader, MD and Kenichi Tanaka, MD

14.00  Adjournment
Nondiscrimination, Equal Opportunity, and Affirmative Action:

The University of Pittsburgh, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, as fully explained in Policy 07-01-03, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity and expression, genetic information, disability, or status as a veteran. The University also prohibits and will not engage in retaliation against any person who makes a claim of discrimination or harassment or who provides information in such an investigation. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University’s mission. This policy applies to admissions, employment, and access to and treatment in University programs and activities*.

This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. For information on University equal opportunity and affirmative action programs, please contact: University of Pittsburgh; Office of Affirmative Action, Diversity, and Inclusion; Carol W. Mohamed, Director (and Title IX, 504 and ADA Coordinator); 412 Bellefield Hall; 315 South Bellefield Avenue; Pittsburgh, PA 15260; 412-648-7860. For complete details on the University’s Nondiscrimination Policy, please refer to Policy 07-01-03. For information on how to file a complaint under this policy, please refer to Procedure 07-01-03.

The American with Disabilities Act Information:

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling (412) 623-4135.

Faculty Disclosure:

Faculty for this activity has been required to disclose all relationships with any proprietary entity producing health care goods or services.

Cancellation Policy

UPMC Center for Continuing Education reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.
Early Registration are due by July 30, 2013.
Registration with late fee will be accepted until August 20, 2013.
Online registration closes by August 20, 2013.
Onsite registration will be available after this date.
Registration online is the quickest and easiest way to reserve for this monitoring conference.

Online registration site
https://ccehs.upmc.com/liveFormalCourses.jsf
Click the registration button and enter all the requested information and submit the registration with payment information.
You will receive an email confirmation of the registration. Print the email confirmation and bring it with you to the conference.

Registration fees

- **UPMC Physicians**: $100
- **Non-UPMC Physicians**: $150
- **UPMC Certified Nurses & Registered Nurse Anesthetists, RNs & CRNAs**: $50
- **Non-UPMC Nurses, RNs & CRNAs**: $100
- **Residents, Fellows, Medical Students and Student Nurses**: Free
- **Late fee after July 30, 2013**: $50.00 more for each category

Registration fee includes
1. Continuing Education Credit
2. Registration and Course Materials
3. Breakfast and Lunch Buffets, Coffee Breaks

Admission to the workshops may be limited.
Early registration is advised.
Saturday evening Gateway Clipper Dinner with faculty and Staff: $50.00
For additional information, please contact
Monitoring Conference Coordinator
200 Lothrop Street, C Wing 201
Dept of Anesthesiology
UPMC Presbyterian Hospital
Pittsburgh, PA 15213
Email: mconference@mail.com
Tel: 4126475635/4126474723 (Day)
7247995852 (Night & weekends)