Program Faculty

University of Iowa Health Care
Roy J. and Lucille A. Carver College of Medicine
Department of Anesthesia

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Clinical Assistant Professor
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Ken-ichi Ueda, MD
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Ryuichiro Miyake, MD
Visiting Physician
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Osaka, Japan

Alex Shune, MD
Fellow, Cardiothoracic Anesthesia

BASIC TEE REVIEW COURSE
Continuing Medical Education
100 Medicine Administration Building
Iowa City, Iowa 52242-1101
To register online: go to www.medicine.uiowa.edu/cme and click on Upcoming Conferences

Sponsored by:
Department of Anesthesia
Roy J. and Lucille A. Carver College of Medicine

Cullen Conference Room
6426 John Colloton Pavilion
University of Iowa Hospitals and Clinics
Iowa City, Iowa
GENERAL INFORMATION

PURPOSE
Intraoperative evaluation of hemodynamic function is often challenging. Anesthesia providers need to make decisions based on their assessment of the patient’s fluid status, cardiac contractility and valvular function. Perioperative Transesophageal Echocardiography (TEE) has been validated as a minimally-invasive tool for such cardiac evaluation. The impact of TEE extends from extreme scenarios (intraoperative cardiac arrest or severe hemodynamic instability) to routine monitoring in appropriate patients who might undergo significant fluid shifts intraoperatively. The purpose of this course is to allow anesthesia providers to review the basic principles of perioperative TEE monitoring.

CREDIT
The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Iowa Carver College of Medicine designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

REGISTRATION FEES
All fees include registration, instruction and educational materials, CME recording, and breaks.

Anesthesiologists: $200
CRNAs, SRNAs, and Anesthesia Assistants: $150
Fellows and Residents: $100

AGENDA

Morning Session
8:00-8:20  Introduction  
Drs. Krishnan and Hanada
8:20- 8:50  Patient Safety Considerations and Knobology  
Dr. Krishnan
8:50-9:20  Echo Physics  
Dr. Shune
9:20-9:50  Artifacts and Pitfalls  
Dr. Shune
9:50-10:10  Break
10:10-10:40  Normal Cardiac Anatomy and Imaging Plane Correlation  
Dr. Krishnan
10:40-11:10  Basic Perioperative Hemodynamic Assessment  
Dr. Subramani
11:10-11:40  Global Ventricular Function  
Dr. Ross
11:40-12:40  Lunch

Afternoon Session
12:40-1:10  Regional Ventricular Systolic Function and Recognition of Pathology  
Dr. Ross
1:10-1:40  Basic Recognition of Cardiac Valve Abnormalities Part 1  
Dr. Ueda
1:40-2:10  Basic Recognition of Cardiac Valve Abnormalities Part 2  
Dr. Ueda
2:10-2:30  Break
2:30-3:00  Aortic Disease  
Dr. Hanada and Dr. Miyake
3:00-3:30  Basic Recognition of Congenital Heart Disease in the Adult  
Dr. Hanada
3:30-4:00  Identification of Intracardiac Masses in Non-Cardiac Surgery  
Dr. Subramani
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