Program Faculty

Sundar Krishnan, MBBS
Program Director
Clinical Assistant Professor
Division of Cardiothoracic Anesthesia
Division of Surgical and Neurosciences Intensive Care

Benjamin Randall, MD
Fellow, Cardiothoracic Anesthesia

Srinivasan Rajagopal, MD
Clinical Assistant Professor
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Clinical Assistant Professor
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Alan Ross, MD
Associate Professor
Cardiothoracic Anesthesia Fellowship Director
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Ken-ichi Ueda, MD
Clinical Associate Professor
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Lovkesh Arora, MD
Clinical Assistant Professor
Division of Surgical and Neurosciences Intensive Care

Satoshi Hanada, MD
Clinical Assistant Professor
Division of Cardiothoracic Anesthesia

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

BASIC TEE REVIEW

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

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

Sat 6-18-16
Atrium Conference Area
7th Floor, Roy Carver Pavilion
University of Iowa Hospitals and Clinics
Iowa City, Iowa
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Provided by:  
Department of Anesthesia  
Roy J. and Lucille A. Carver College of Medicine

Basic TEE Review Course

Saturday, June 18, 2016  
Atrium Conference Area  
7th Floor, Roy Carver 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. This course will 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.

EDUCATIONAL OBJECTIVES
After attending this course, attendees should be able to:

♦ Describe the safety, indications, contraindications and complications for perioperative TEE

♦ Relate the underlying physics and anatomical relationships while performing perioperative TEE

♦ Differentiate between normal and abnormal ventricular and valvular function

♦ Evaluate hemodynamic function with perioperative TEE

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
8:20-8:50 Patient Safety Considerations and Knobology
Dr. Krishnan
8:50-9:20 Echo Physics
Dr. Randall
9:20-9:50 Artifacts and Pitfalls
Dr. Randall
9:50-10:10 Break
10:10-10:40 Normal Cardiac Anatomy and Imaging Plane Correlation
Dr. Rajagopal
10:40-11:10 Identification of Intracardiac Masses in Non-Cardiac Surgery
Dr. Subramani
11:10-11:40 Basic Perioperative Hemodynamic Assessment
Dr. Subramani
11:40-12:40 Lunch

Afternoon Session
12:40-1:10 Global Ventricular Function
Dr. Ross
1:10-1:40 Regional Ventricular Systolic Function and Recognition of Pathology
Dr. Ross
1:40-2:10 Basic Recognition of Cardiac Valve Abnormalities Part 1
Dr. Ueda
2:10-2:30 Break
2:30-3:00 Basic Recognition of Cardiac Valve Abnormalities Part 2
Dr. Arora
3:00-3:30 Aortic Disease
Dr. Hanada
3:30-4:00 Basic Recognition of Congenital Heart Disease in the Adult
Dr. Hanada
4:00 Adjourn

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