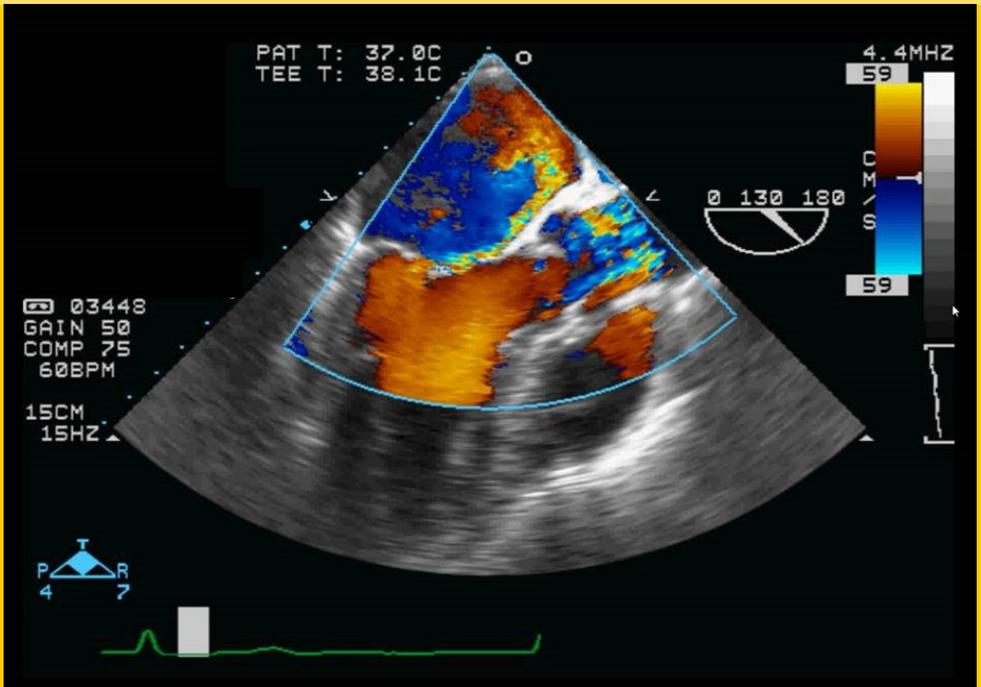


BASIC

PERIOPERATIVE ECHO:

REVIEW COURSE AND WORKSHOPS



SATURDAY, JUNE 16, 2018

7th Floor Atrium Conference Area
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 7.75 *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



EDUCATIONAL OBJECTIVES

After attending this course, attendees should be able to:

- ◆ Identify 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

AGENDA

7:15-7:50 *Continental Breakfast*

Morning Session

- 7:50-8:00 **Introduction**
Dr. Sundar Krishnan
- 8:00- 8:30 **Patient Safety Considerations and Knobology**
Dr. Sundar Krishnan
- 8:30-9:00 **Echo Physics**
Dr. Sundar Krishnan
- 9:00-9:30 **Normal Cardiac Anatomy and Imaging Plane Correlation**
Dr. Andrew Feider
- 9:30-9:40 *Break*
- 9:40-10:10 **Congenital Heart Disease: Identification of Common Defects**
Dr. Srinivasan Rajagopal
- 10:10-10:40 **Global and Regional Ventricular Function**
Dr. Alan Ross
- 10:40-11:10 **Basic Perioperative Hemodynamic Assessment**
Dr. Brett Myers
- 11:10-11:20 *Break*
- 11:20-12:00 **Basic Recognition of Cardiac Valve Abnormalities: Mitral and Tricuspid Valves**
Dr. Ken Ueda
- 12:00-12:40 **Basic Recognition of Cardiac Value Abnormalities: Aortic and Pulmonic Valves**
Dr. David Papworth
- 12:40-1:10 **Interactive Lunch with Basic TEE Testamurs**

Afternoon Session

- 1:10-1:40 **Diseases of the Ascending and Descending Aorta**
Dr. Satoshi Hanada
- 1:40-2:10 **Artifacts, Pitfalls and Intracardiac Masses**
Dr. Archit Sharma
- 2:10-2:20 *Break*
- 2:20-3:20 **Workshops #1: Drs. Subramani and/Hanada
#2: Drs. Sharma/Krishnan**
- 3:20-3:30 *Break*
- 3:30-4:30 **Workshops #1: Drs. Subramani/Hanada
#2: Drs. Sharma/Krishnan**
- 4:30-4:40 *Break*
- 4:40-5:00 **Quiz/Interesting Images**

Program Faculty



Sundar Krishnan, MBBS
Clinical Associate Professor
Divisions of Cardiothoracic Anesthesia and
Surgical and Neurosciences Intensive Care

Program Director

Andrew Feider, MD
Clinical Assistant Professor
Division of Cardiothoracic Anesthesia



Srinivasan Rajagopal, MD
Clinical Associate Professor
Division of Cardiothoracic Anesthesia

Alan Ross, MD
Associate Professor
Cardiothoracic Anesthesia Fellowship Director
Division of Cardiothoracic Anesthesia



Brett Myers, MD
Fellow, Cardiothoracic Anesthesia

Ken-ichi Ueda, MD
Clinical Associate Professor
Division of Cardiothoracic Anesthesia



David Papworth, MBBS
Clinical Associate Professor
Division of Cardiothoracic Anesthesia

Satoshi Hanada, MD
Clinical Assistant Professor
Division of Cardiothoracic Anesthesia



Archit Sharma, MBBS
Clinical Assistant Professor
Divisions of Cardiothoracic Anesthesia and
Surgical and Neurosciences Intensive Care

Sudhakar Subramani, MBBS
Clinical Assistant Professor
Division of Cardiothoracic Anesthesia



Basic Perioperative Echo: Review Course and Workshops

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

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