



The Department of  
**ANESTHESIOLOGY**  
& Perioperative Medicine



*Presents*

# **FATE**

## **Basic and Advanced Ultrasound Course**

Saturday, November 11<sup>th</sup>  
Sunday, November 12<sup>th</sup>

UMass Memorial Medical Center  
University Campus  
Albert Sherman Center  
iCELS Simulation Center  
Worcester, MA



**iCELS** Interprofessional Center for  
Experimental Learning and Simulation

**In Kind Support by**  
**GE Healthcare, SonoSite,**  
**and Philips**



*Chief Instructor*  
*Erik Sloth, MD*  
*PhD, DSc Professor*  
*of Clinical and*  
*Experimental*  
*Ultrasound*  
*Diagnostics*

CME Accreditation Statement

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

Designation Statement

The University of Massachusetts Medical School designates this live activity for a maximum of 12 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only credit commensurate with the extent of their participation in the activity.

## Course Information

FATE Ultrasound is the fastest, most efficient way to build proficiency in transthoracic echocardiography. Once enrolled with the FATE program, participants will receive a link to a vast library of eLearning modules. These modules allow the participant to build the theoretical and cognitive framework prior to the day of the FATE course, and make it possible to gain proficiency in point-of-care ultrasound (POCUS) in only one day for Basic FATE. **All e-learning modules include a pre-test, and post-test, which must be completed prior to the hands-on-workshop.** Those seeking to become even more adept in ultrasound may opt for both days, to complete Advanced FATE. ***New for this year*** is the ***addition of basic lung US*** including case scenario training into the Basic FATE curriculum. Dr Sloth and his team from Denmark will be back to guide you through one of the best offerings in POCUS training for Anesthesiologists and Acute Care Providers.



### Basic FATE and Lung US -6 CME

**Workshop Objective:** The objective is to provide the course participant with basic echocardiographic skills for physicians who are not specialists of cardiology in order to guide cardiac optimization. This includes the basic imaging views and M-mode for cardiac dimensions and ventricular function. Basic lung ultrasound is a simple and systematic sonographic examination of the lungs in trauma and emergency situations. It allows the clinician to perform point-of-care ultrasound in a wide range of patients with respiratory emergencies in order to diagnose and exclude pleural effusion, pulmonary edema and pneumothorax.

**Pre-workshop learning material:** Basic FATE and lung E-learning covers: Introduction, equipment and skills, basic imaging views including IVC, M-mode, right and left ventricle function and pathology, pleural scanning, diagnosis and exclusion of pneumothorax, pleural effusion, and pulmonary edema using lung ultrasound. Topics will be covered in ***small groups of 4-5 participants*** to ensure an optimal learning experience.

### Pricing

Single Course (Basic OR Advanced): **\$750**

Combined Course (Basic AND Advanced): **\$1200\***

***\*Save \$300 when you sign up for both***

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### Advanced FATE - 6 CME

**Workshop objective:** This course provides attendees with advanced skills for the non-cardiologist in order to perform all extended cardiac views and the most clinically relevant Doppler ultrasound: Pressure estimation, assessment of cardiac output and left ventricular diastolic function.

**Pre-workshop learning material:** Advanced FATE E-learning covers: Introduction, equipment and skill, extended imaging views, basic Doppler, Doppler for the assessment of pressure, cardiac output and diastolic function. The following topics will be covered in the advanced workshop in ***small groups of 4-5 participants***. Repetition of the content of the basic cardio thoracic US workshop, extended 2 dimensional imaging views (used in cardiology), basic Doppler ultrasound principles, advanced Doppler ultrasound for pressure estimation, cardiac output estimation and assessment of diastolic function, advanced clinical scenario training.

### Lodging

The University of Massachusetts Medical School iCELS Simulation Center is a state of the art facility located in the Albert Sherman Center, on the medical school campus. Hotels close to the medical school include the following:

**Marriot Residence Inn:**

503 Plantation Street

Worcester, MA 01605

Marriot.com/hotels/

travel/bosri-residence-Inn

-worcester/

**\*508-753-6330**

**Beechwood Hotel:**

363 Plantation Street

Worcester, MA 01605

beechwoodhotel.com

**\*508-754-5789**

***\*When calling to make a reservation, make sure you ask for the discounted UMass rate!***

# TO REGISTER FOR ONE OR BOTH COURSES, VISIT:

**<http://usabcd.org/umass>**

## ***Course Faculty***

### **Activity Director:**

#### ***J. Matthias Walz, MD; FCCP***

Associate Professor of Anesthesiology and Surgery, Academic Vice Chair, Department of Anesthesiology and Perioperative Medicine, UMass Memorial Healthcare

### **Chief Instructor:**

#### ***Erik Sloth, MD, Ph.D., DMSc***

Professor of Point-of-Care Ultrasound, Consultant Cardiothoracic Anaesthetist, Department of Anesthesiology and Intensive Care Medicine, Aarhus University Hospital, Aarhus, Denmark

### **UMass Faculty:**

#### ***Elifce Cosar, MD***

Clinical Associate Professor of Anesthesiology, Clinical Vice Chair, Department of Anesthesiology and Perioperative Medicine

#### ***Rana Badr, MD***

Clinical Associate Professor of Anesthesiology, Department of Anesthesiology and Perioperative Medicine

#### ***Gustavo Angaramo, MD***

Clinical Associate Professor of Anesthesiology, Department of Anesthesiology and Perioperative Medicine, Director Anesthesia Acute Pain Service and Post-operative Recovery Unit

#### ***Dennis Tighe, MD***

Professor of Medicine, Director Echocardiography; Associate Director, Non-invasive Cardiology, Department of Medicine, Division of Cardiovascular Medicine

### **UMass Faculty (Continued):**

#### ***J. Aaron Scott, MD***

Assistant Professor of Anesthesiology; Associate Director, Critical Care and Perioperative Medicine Fellowship, Department of Anesthesiology and Perioperative Medicine

#### ***David Polan, MD***

Assistant Professor of Emergency Medicine, Director Emergency Ultrasound Memorial Campus, Department of Emergency Medicine

#### ***David Blehar, MD***

Associate Professor of Emergency Medicine, Director, Division of Emergency Ultrasound, Department of Emergency Medicine

### **Guest Faculty:**

#### ***Christian Alcaraz Frederiksen MD, PhD***

Clinical Instructor in Cardiology, Department of Cardiology, Aarhus University Hospital, Aarhus, Denmark

#### ***Peter Juhl-Olsen MD, PhD***

Staff specialist, Clinical Instructor in Point-Of-Care Ultrasound, Department of Anaesthesiology and Intensive Care Medicine, Aarhus University Hospital, Aarhus, Denmark.

#### ***Stephen C. Haskins MD***

Assistant Attending Anesthesiologist, Hospital for Special Surgery; Clinical Assistant Professor of Anesthesiology, Weill Cornell Medical College, New York, NY

### **Cancellation Policy**

UMMHC Department of Anesthesiology and Perioperative Medicine will refund tuition, less than a \$180 administrative fee, provided the cancellation is received in writing on or before **October 1, 2017**. No refunds will be issued after this date or for non-attendance. Conferences are subject to cancellation. In the event this conference is cancelled, UMMHC is not responsible for any airfare, hotel, or other costs incurred by participants.