

SATURDAY, SEPTEMBER 19, 2020

08:55 AM - 12:20 PM (EST)

Course Syllabus

Program overview:

This SATA regional meeting is to provide the audience the updated knowledge on several critical management issues in abdominal and thoracic transplant patients.

Learning objectives:

1. Update the audience on new approaches in the assessment of patients with acute liver failure and perioperative management
2. Update the audience on the impact of valvular heart disease on liver transplantation, including preoperative workup and optimization
3. Update on the use of minimally invasive ventricular assist device and impact on current practice
4. Introduce essential TEE/POCUS skills for transplantation anesthesiologists

Target audience:

Transplant anesthesiologists, intensivists, transplant surgeons, residents, and fellows

Faculty listing

Satish Kumar, MD

Associate Professor
Department of Anesthesiology, University
of Michigan Medical Center
Ann Arbor, MI

Amy Young, MD

Assistant Professor
Department of Anesthesiology, University
of Michigan Medical Center
Ann Arbor, MI

Kathirvel Subramaniam, MD, MPH

Associate Professor
Department of Anesthesiology and
Perioperative Medicine, University of
Pittsburgh Medical Center
Pittsburgh, PA

Tetsuro Sakai, MD, PhD, MHA, FASA

Professor
Department of Anesthesiology and
Perioperative Medicine, University of
Pittsburgh Medical Center
Pittsburgh, PA

Nick Douville, MD, PhD

Assistant Professor
Department of Anesthesiology, University
of Michigan Medical Center
Ann Arbor, MI

Manoj Iyer, MD

Assistant Professor
Department of Anesthesiology, The Ohio
State University-Wexner Medical Center
Columbus, OH

Erin Sullivan, MD

Associate Professor
Department of Anesthesiology and
Perioperative Medicine, University of
Pittsburgh Medical Center
Pittsburgh, PA

David J. Kaczorowski, MD

Associate Professor
Department of Surgery, University of
Maryland, Baltimore, MD

Joshua Knight, MD

Clinical Assistant Professor
Department of Anesthesiology and
Perioperative Medicine, University of
Pittsburgh Medical Center
Pittsburgh, PA

Mariya Geube, MD

Faculty Anesthesiologist
Department of Anesthesiology, Cleveland
Clinic
Cleveland, OH

Daniel Mandell, MD

Clinical Assistant Professor
Department of Anesthesiology and
Perioperative Medicine, University of
Pittsburgh Medical Center
Pittsburgh, PA

Daniel Cormican, MD

Faculty Anesthesiologist
Department of Anesthesiology, Allegheny
General Health System
Pittsburgh, PA

Accreditation and CME credit designation:

University of Pittsburgh Medical Center

Program organizing institutions (Program committee members):

- University of Michigan Medical Center (Satish Kumar, MD & Amy Young, MD)
- UPMC (University of Pittsburgh Medical Center) (Kathirvel Subramaniam, MD, MPH & Tetsuro Sakai, MD, PhD, MHA)

Platform:

Zoom (virtual)

Registration:

Free registration. To receive the Zoom link, please email to Tetsuro Sakai (sakait@upmc.edu)

Program:

8:55 am – 9:00 am

Welcome and Introduction

Sathish Kumar, MD (University of Michigan)

9:00 am – 9:20 am

Adult Liver Transplantation Session 1 (Moderator: Sathish Kumar, MD,
University of Michigan)

Liver transplantation and perioperative care for acute liver failure

Nick Douville, MD, PhD (University of Michigan)

- 9:20 am – 9:40 am** **Adult Liver Transplantation Session 2** (Moderator: Sathish Kumar, MD, University of Michigan)
Liver transplantation and valvular heart disease
Manoj Iyer, MD (Ohio State University)
- 9:40 am – 10:00 am** **Cardiac Transplantation Session** (Moderator: Erin Sullivan, MD, University of Pittsburgh Medical Center)
Minimally invasive LVADs – the future!
David Kaczorowski, MD (Department of Surgery, University of Maryland)
- 10:00 am – 10:10 am** **SATA Address**
Tetsuro Sakai, MD, PhD, MHA, FASA (President-Elect, SATA)
- 10:10 am – 10:30 am** **Break**
- 10:30 am – 12:15 pm** **TEE and POCUS Bootcamp** (Co-moderators: Kathirvel Subramaniam, MD, MPH, University of Pittsburgh Medical Center; Amy Young, MD, University of Michigan)
- Topic 1: The right problems! Pulmonary artery pressure, pulmonary emboli, and RV function***
Joshua Knight, MD (University of Pittsburgh Medical Center)
- Topic 2: LV function - regional and global!***
Mariya Geube, MD (Cleveland Clinic)
- Topic 3: Utility of TEE in liver transplantation (who's using it, what can it tell you, when is it contraindicated)***
Amy Young, MD (University of Michigan)
- Topic 4: Utility of cardiac POCUS for transplantation anesthesiologists***
Daniel Mandell, MD (University of Pittsburgh Medical Center)
- Topic 5: Lung Ultrasound in transplant patients***
Daniel Cormican, MD (Allegheny General Health System)
- 12:15 pm – 12:20 pm** **Closing Remarks**
Kathirvel Subramaniam, MD, MPH (University of Pittsburgh Medical Center)
- 12:20 pm** **Adjournment**

Continuing Education Credit

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 3.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Health Care Professionals

Other health care professionals will receive a certification of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

Faculty Disclosure

All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following relevant financial relationships were disclosed:

- Kathirvel Subramaniam, MD, MPH (Book royalty, Springer Inc.; Research grant support, CSL BEHRING)
- Tetsuro Sakai, MD, PhD, MHA (Book royalty, Springer Inc.)
- Satish Kumar, MD (Research grant support, Edwards Life-Sciences, HPI study grant)
- David Kaczorowski, MD (Honoraria, Speaking fees, Medtronic)

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.

Disclaimer Statement

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.