

## THE MIDSTATE SATA MEETING

SATURDAY, SEPTEMBER 25<sup>TH</sup>, 2021

08:55 AM - 13:55 PM (EST)

### Course Syllabus

#### **Program overview:**

This SATA regional meeting is a virtual meeting that has been designed to provide a broad spectrum of clinicians a review of the latest updates on a variety of intra-operative and critical care management topics that involve abdominal and thoracic transplant patients.

#### **Learning objectives:**

1. Discuss new approaches in the preoperative assessment and management of adult liver transplant donors and recipients regarding ERAS and pre-habilitation strategies
2. Update the participants on the changes in practice related to organ allocation and patient selection that resulted from the 2018 changes in UNOS allocation
3. Discuss the impact of the COVID-19 pandemic on lung transplantation.
4. Review the current practice for cardiac evaluation of adult renal transplant recipients.
5. Describe current practice in pediatric liver transplantation.
6. Review current practices in echocardiographic assessment of the heart and discuss recent advances in the assessment of diastolic function and ventricular strain in cirrhosis.

#### **Target audience:**

Transplant anesthesiologists, Intensivists, Transplant surgeons, Residents, Fellows and Medical students.

#### **CME Accreditation and designation statement:**

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 4.5 *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 will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

**Program organizing institutions (Program committee members):**

- University of Cincinnati (Courtney Jones, MD)
- University of Michigan Medical Center (Sathish Kumar, MD)
- University of Pittsburgh Medical Center (Harikesh Subramanian, MBBS)

**Platform:** Zoom (virtual) Webinar

**Program:**

**8:55 am – 9:00 am** **Welcome and Introduction**

*Sathish Kumar, MD (University of Michigan)*

**9:00 am – 10:15 am** **Adult Liver Transplantation Session** (Moderator: Sathish Kumar, MD,  
*University of Michigan*)

***Frailty Assessment: Considering Pre-habilitation for Liver Transplantation***

*Andres Durate-Rojo, MD, MS, DSc*

*Associate Professor of Medicine,*

*Division of Gastroenterology, Hepatology, and Nutrition*

*University of Pittsburgh*

***Early recovery after surgery (ERAS): Implementation for Liver Donors***

*Kristina Lemon, MD*

*Assistant Professor of Surgery*

*University of Cincinnati*

***Early recovery after surgery (ERAS): Implementation for Liver Recipients***

*Rodriguez Gonzalo, MD*

*Surgical Director, Liver Transplantation*

*Department of Hepatobiliary Surgery and Liver Transplantation,*

*Hospital General Universitario de Alicante, Alicante, Spain*

**10:15 am – 10:25 am** **Break**

**10:25 am – 10:30 am** **SATA Address**

*Tetsuro Sakai, MD, PhD, MHA, FASA, President, SATA*

**10:30 am – 11:20 am** **Cardiothoracic Transplantation Session** (Moderator: Harikesh  
*Subramanian MBBS, University of Pittsburgh Medical Center*)

***UNOS Changes and its Impact on the Future of Organ Transplantation***

*Christopher Sonnenday, MD, MHS*

*Transplant Center Director, Michigan Medicine*

*Surgical Director of Liver Transplantation*

*Executive Vice-Chair, Department of Surgery  
University of Michigan*

***Clinical Considerations for Lung Transplantation in the COVID-19 Era:  
How are Transplant Programs Adapting?***

*Pablo Sanchez, MD, PhD, FACS*

*Chief, Division of Lung Transplant and Lung Failure  
Surgical Director, Lung Transplantation and ECMO  
Director, Ex Vivo Lung Perfusion (EVLV) Program  
University of Pittsburgh*

**11:20 am – 12:10 pm Renal and Pediatric Transplantation Session** (Moderator: Courtney Jones, MD, University of Cincinnati)

***Cardiac Risk Stratification in Patients Undergoing Renal Transplantation***

*Nicole Bhave, MD*

*Associate Professor, Internal Medicine and Cardiology  
University of Michigan*

***Hot topics and updates in the world of Pediatric Liver Transplantation***

*Daniela Damian, MD*

*Assistant Professor, Director, Pediatric Transplant Anesthesiology,  
UPMC Children's Hospital of Pittsburgh*

**12:10 pm – 12:20 pm Break**

**12:20 pm – 13:45 pm Echo Review Session** (Moderator: Manoj Iyer, MD, Ohio State University)

***Perioperative Diastolic Dysfunction: An Intraoperative and Critical Care Perspective***

*Daniel Cormican, MD & Subbarao Elapavaluru, MD*

*Department of Anesthesiology, Allegheny General Hospital*

***Strain Assessment of the LV and the RV and its Relevance in Transplant***

*Mir Ali Abbas Khan MD*

*Assistant Professor, Department of Anesthesiology  
West Virginia University*

***Valvular Evaluation for the Transplant Anesthesiologist***

*Dustin Tsitouris, MD*

*Assistant Professor, Department of Anesthesiology  
University of Cincinnati*

**13:45 pm – 13:55 pm Closing Remarks**

*Kathirvel Subramaniam, MD, MPH*

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

**13:55 pm Adjournment**

**Faculty Disclosure**

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The following relevant financial relationships were disclosed:

- Andres Durate-Rojo, MD, MS, DSc: Axcella Health, Inc. (Grant/Research Support and Consultant)
- Kathirvel Subramaniam, MD, MPH: Springer Inc. (Book royalty), CSL BEHRING (Grant/Research Support)
- Tetsuro Sakai, MD, PhD, MHA: Springer Inc. (Book royalty)
- Sathish Kumar, MD: Hemosonics Inc (Grant/Research Support)
- Nicole Bhave, MD: Knowledge to Practice (Consultant), Doximity (Stockholder)

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