

The 2025 Symposium of the Society for the Advancement of Transplant Anesthesia (SATA)

In conjunction with meeting of the International Anesthesia Research Society (IARS)

With interactive POCUS ultrasound training

March 23 to 24, 2025



Sunday March 23 to Monday March 24, 2025

Hilton Hawaiian Village Waikiki Beach Resort, Honolulu, HI 98101

Registration (with CME credit): <https://sata2022.wufoo.com/forms/r1n184420f1w9d7/>

\$50 for SATA, SOCCA and SCA members, \$150 for non-members, free for trainees

We are grateful for the support for all our sponsors

Sunday March 23, 2025

1:30 pm – 2:00 pm Registration

2:00 pm – 2:15 pm Welcome and Introduction

Gebhard Wagener, President SATA - Columbia University, New York, NY

- **2:15 pm – 3:15 pm: Session 1: International Session of the Korean Society of Transplantation Anesthesiologists (KSTA), the Japanese Transplant Anesthesia Society and the Chinese Society of Transplant Anesthesia**

Moderators: Gebhard Wagener - Columbia University Medical Center, New York, NY

Tetsuro Saka - University of North Carolina at Chapel Hill, NC

Jiapeng Huang - University of Louisville, KY

- Korean Society for Transplant Anesthesia: Lung Transplantation in Korea
 - *Kyuhoo Lee - Yonsei University, Republic of Korea*
- Japanese Transplant Anesthesia Society: What is New in Fast-Track Recovery for Pediatric Liver Transplant Recipients
 - *Chiaki Baba - National Center for Child Health and Development, Tokyo, Japan*
- Chinese Society of Transplant Anesthesiology: Transplantation in China
 - *Xiangdong Chen - Union Hospital of Tongji Medical College of Huazhong University of Science and Technology, Wuhan, China*

3:15 pm – 3:45 pm: Pro/Con debate: Vanguard Committee

Moderators: Ranjit Depashande - Yale New Haven Hospital, New Haven, CT

Arun Uthayashankar - Lahey Hospital and Medical Center, Burlington, MA

- Pro: We should revascularize severe coronary artery disease prior to liver transplant
 - *Yaroslava Longhitano - University of Pittsburgh Medical Center, Pittsburgh, PA*
- Con: We can revascularize severe coronary artery disease before or after liver transplant
 - *Elizabeth Wilson - Duke University Medical Center, Durham, NC*

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Sunday March 23, 2025 (continued)

3:45 pm – 4:15 pm: Break

4:15 pm – 5:15 pm Cardiothoracic Transplant Anesthesia

*Moderator: Kapil Gupta - University of Washington, Seattle, WA
NN*

- VA ECMO for lung transplant
 - *Brandi Bottiger - Duke University Medical Center, Durham, NC*
- Continuation of VA ECMO after lung transplant for primary pulmonary hypertension
 - *Barbara Wilkey - University of Colorado Anschutz Medical Campus, Aurora, CO*
- Organ preservation and DCD for thoracic transplants
 - *Kathirvel Subramaniam - University of Pittsburgh Medical Center, Pittsburgh, PA*
- Protek duo and ECMO configuration for RV failure
 - *Michael Franklin - University of Florida Health, Gainesville, FL*

5:15 pm – 6:15 pm: Session 3: Research session

*Moderators: Dieter Adelman - University of California San Francisco, CA
Elizabeth Townsend - University of Wisconsin, Madison, WI*

- Annual SATA research prize
 - The winner of 2025 is...
 - Last year's winner: *Tegal Vivek Desain - London Health Sciences Center, Ontario Canada*
- How do you use MPOG for research
 - *Nicholas Joseph Douville,*
- Donor research using MPOG
 - *Abhijit V. Lele - University of Washington, Seattle, WA*
- SATA Transplant Anesthesia Databases
 - Heart: *Joshua Knight- University of Pittsburgh Medical Center (UPMC)*
 - Lung: *Harikesh Subramanian - University of Pittsburgh Medical Center (UPMC)*
 - Liver: *Dieter Adelman- University of California, San Francisco (UCSF)*
- What did we learn last year from the transplant anesthesiology literature?
 - *Ryan Wang - Mount Sinai Medical Center, New York, NY*

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Monday March 24, 2025

8:00 am – 10:00 am: Point of Care Ultrasound (POCUS) Workshop for the Transplant Anesthesiologist

This workshop requires a separate registration with a maximum of 20 participants. Some POCUS TTE/TEE skills/experience to optimize workflow and learning experience are requested.

Cost: \$25/ person; Register here: <https://sata2022.wufoo.com/forms/r1n184420f1w9d7/>

For detail see next page

10:00 am – 10:30 am: Break

10:30 am – 11:00 am: Case reports Vanguard Committee

Moderators: Natalie Smith - Mount Sinai Medical Center, New York, NY

Susan Smith - Emory University Hospital, Atlanta, GA

- Case 1: Management of ICP device insertion in Acute Liver failure
 - *Junior: Eduardo Mendoza - London Health Sciences Center, Ontario Canada*
 - *Senior: Adrian Hendrickse - University of Colorado Anschutz Medical Campus, Aurora, CO*
- Case 2: Unanticipated need for circulatory arrest in a combined Lung liver transplant
 - *Junior: Christy He - Columbia University Medical Center, New York, NY*
 - *Senior: NN*

11:00 am – 12:00 pm: The Future of Transplant Anesthesiology

Moderators: Lorenzo De Marchi - MedStar Georgetown University Hospital, Washington DC

Ryan Nazemian - Lahey Hospital and Medical Center, Burlington, MA

- Prediction of the future of transplant anesthesiology
 - *Cara Crouch - University of Colorado Anschutz Medical Campus, Aurora, CO*
- Transplant anesthesiology as part of a transplant institute
 - *Ted Sakai - University of North Carolina at Chapel Hill, NC*
- What is happening with UNOS
 - *Scott Lindbergh - Houston Methodist Medical Center, Houston, TX*
- Xenotransplantation
 - *Philip Sommer - NYU Grossman School of Medicine*

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In conjunction with the annual meeting of the International Anesthesia Research Society (IARS)

With interactive POCUS ultrasound and echocardiography training

Point of Care Ultrasound (PoCUS) & TEE for the Liver Transplant Anesthesiologist



Monday March 24, 2025 from 8:00 am to 10:00 am

Hilton Hawaiian Village Waikiki Beach Resort, Honolulu, HI 98101

Registration Link: <https://sata2022.wufoo.com/forms/mp82f2b1fh3gne/>

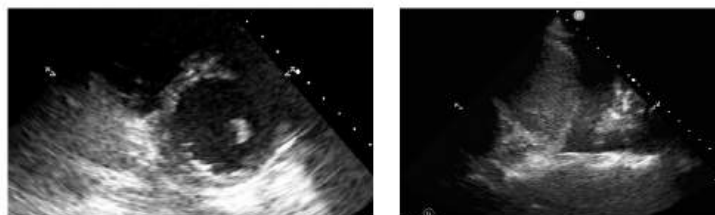
\$25 per person

Maximum of 24 participants, early registration is encouraged! Basic proficiency with PoCUS suggested.

Format:

Four Stations, approximately 30 minutes each:

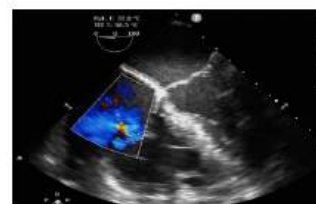
- PoCUS for LV Function Assessment and Lung Ultrasound



- TEE for LV Function Assessment



- TEE for RV Function Assessment



- Case-Based Pathology Review

Faculty: **Lorenzo De Marchi** - Georgetown University, Washington, DC; **Jiapeng Huang** - University of Louisville, Louisville, KY; **Jonathan Paul** - Columbia University Irving Medical Center, New York, NY; **Kapil Gupta** - University of Washington, Seattle, WA; **Nikhil Chawla** - Yale University, New Haven, CT; **Ryan Grell** - University of Louisville, Louisville, KY; **Oliver Panzer** - Hospital for Special Surgery, New York, NY; **Lev Driy** - Columbia University Irving Medical Center, New York, NY;

LEARNING OBJECTIVES

Session 1: International Session of Transplant Anesthesia Societies

1. Understand global perspectives on transplant anesthesia advancements, focusing on lung and abdominal transplantation practices in Korea.
2. Identify recent developments in fast-track recovery methods for pediatric liver transplant recipients in Japan.
3. Examine the unique practices and challenges of transplantation anesthesia in China.

Pro/Con Debate: Vanguard Committee

1. Analyze the arguments for and against revascularizing severe coronary artery disease before liver transplant.
2. Evaluate evidence supporting each approach to determine how it might impact patient outcomes.
3. Consider how clinical guidelines and patient profiles influence decision-making in revascularization timing relative to liver transplantation.

Cardiothoracic Transplant Anesthesia

1. Gain knowledge on VA ECMO utilization in lung transplant and continuation protocols for specific conditions like primary pulmonary hypertension.
2. Discuss advancements in organ preservation and the role of DCD (Donation after Cardiac Death) in thoracic transplants.
3. Examine advanced ECMO configurations such as Protek Duo and their effectiveness in managing RV (right ventricular) failure.

Research Session

1. Discover innovative research and award-winning studies in transplant anesthesia.
2. Learn how MPOG (Multicenter Perioperative Outcomes Group) data is used for advancing donor research and exploring outcome-driven practices.
3. Explore the function and findings of the SATA Transplant Anesthesia Databases (Heart, Lung, Liver) to enhance data-driven decision-making in transplant anesthesia.
4. Reflect on key learnings from recent literature to integrate evidence-based practices in clinical transplant anesthesia.

Case Reports Vanguard Committee

1. Examine complex case management strategies for ICP device insertion in acute liver failure and unexpected circulatory arrest in combined lung-liver transplant.
2. Discuss interdisciplinary approaches and best practices for managing complications during challenging transplant procedures.

The Future of Transplant Anesthesiology

1. Identify emerging trends and forecast potential future developments in transplant anesthesiology.
2. Explore the integration of transplant anesthesiology within larger transplant institutes and understand how this affects team collaboration and patient outcomes.
3. Understand the implications of regulatory changes and UNOS on transplant practices and donor management.
4. Gain insights into emerging practices like xenotransplantation and their potential impacts on transplant anesthesia.