

2024 ASA Meeting Companion

THIS MEETING COMPANION REPRESENTS OUR DEPARTMENT'S CONTRIBUTIONS AS ACCEPTED BY THE ASA FOR ITS ANNUAL MEETING. CHANGES IN CIRCUMSTANCES AFTER THE TIME OF PUBLICATION MAY IMPACT THE ACCURACY OF THE INFORMATION. FOR THE MOST UP-TO-DATE LISTING OF ACTIVITIES AND EVENTS, PLEASE REFER TO OFFICIAL ASA MATERIALS.



the
ANESTHESIOLOGY
annual meeting
American Society of Anesthesiologists (R)

Philadelphia, PA | October 18 to 22, 2024

All in-person events take place at the
Pennsylvania Convention Center
1101 Arch Street
Philadelphia, PA 19107
(unless otherwise noted)



Message from the Chair



Congratulations to this year's 2024 ASA participants! Herein, we have compiled a guide to Vanderbilt's activities at the ANESTHESIOLOGY® 2024 annual meeting. To the many contributing Vanderbilt University Medical Center faculty, CRNAs, residents, fellows and staff, whether you're virtually attending the meeting, attending in-person or tending our fundamental clinical mission, thank you.

The ANESTHESIOLOGY® 2024 annual meeting provides us the unique opportunity to learn about and, of course, present cutting edge technology and research in every area of our specialty. I encourage you to network with national and international colleagues as you participate in the scientific and educational sessions. It is through collaboration that we attain the highest levels of success in our rapidly evolving field.

I hope you will find the presentations motivating and inspiring as you embark upon new ideas in research, education and perioperative care. And remember to express your sincere thanks to the dedicated members of the department who make our participation in such meetings possible.

Warren S. Sandberg, MD, PhD
Chair, Department of Anesthesiology, Vanderbilt University Medical Center
Chief of Staff, Vanderbilt University Hospital
Professor of Anesthesiology, Surgery and Biomedical Informatics
Vanderbilt University School of Medicine

Related Meeting

MPOG Annual Retreat

Friday, October 18 | 9:05 a.m. – 9:50 a.m.
Warwick Hotel Rittenhouse Square, Grand Ballroom
Cost Savings with Minimizing the Environmental Impact of Anesthetic Agents
Roy Neeley, MD

MPOG Annual Retreat

Friday, October 18 | 1:00 p.m. – 2:00 p.m.
Warwick Hotel Rittenhouse Square, Grand Ballroom
Improved Neuromuscular Blockade Monitoring Compliance via QuizTime
Leslie Fowler, EdD

Residency Programs Open House

Saturday, October 19, 2024

Session One: 3:00 p.m. to 4:00 p.m.

Session Two: 5:00 p.m. to 6:00 p.m.

Pennsylvania Convention Center

Level 300 Ballroom A/B

1101 Arch Street, Philadelphia, PA 19107

Saturday, October 19

Pre-Recorded Virtual Panel: *Con: Intraoperative lung protective mechanical ventilation does not improve postoperative pulmonary outcomes*

ASA Education Center (virtual) | Aditi Balakrishna, MD

All in-person attendees are automatically enrolled in the virtual experience. Content will be available in the ASA Education Center beginning Saturday, October 19 at 8:00 a.m. ET.

Virtual presentation details: [Virtual Experience for ANESTHESIOLOGY 2024 \(asahq.org\)](https://www.asahq.org/virtual-experience-for-anesthesiology-2024)

ePoster: *Experimental Foundations of Perioperative Medicine*

9:30 a.m. – 10:30 a.m. | Exhibit Hall | Moderator: Matthias Riess, MD, PhD

Medically Challenging Cases: *To Pull or Not to Pull: Management of Thoracic Epidural Catheter in the Setting of Concomitant Coagulopathy and Bacteremia*

10:10 a.m. – 10:20 a.m. | Exhibit Hall – Monitor 18 | Michael Morgan, MD, Bennett Sorensen, MD, Connor Snarskis, MD

Medically Challenging Cases: *Neuraxial Anesthesia for Brachytherapy in a Patient with a Difficult Airway*

10:20 a.m. – 10:30 a.m. | Exhibit Hall – Monitor 19 | Anthony Sermarini, MD, Edward Yaghmour, MD

Snap-Talk: *Carotid Endarterectomy and TCAR — Fast Asleep or Wide Awake — How to Provide Optimal Anesthesia for Either Approach*

9:45 a.m. – 10:45 a.m. | 102AB | Miklos Kertai, MD, PhD

Hands-on Workshop: *ASA Diagnostic POCUS Certificate: Part 4*

9:45 a.m. – 11:15 a.m. | 103A | Christina Jelly, MD

Paper Poster: *Initial Report of TEG6s Findings in Patients Presenting for Kidney Transplantation*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Caroline Praestholm, MD

Paper Poster: *Obstetric Anesthesia and Perinatology*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Matthias Riess, MD, PhD

Paper Poster: *Evaluation of Anesthesia Clinician Adherence to Best Practices in Prevention of Postoperative Nausea and Vomiting: An Analysis of the National Anesthesia Clinical Outcomes Registry*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Jonathan Wanderer, MD

ePoster: *Safe Landing: Feasibility and Safety of Operating Room Extubation in Minimally Invasive Cardiac Valve Surgery*

10:45 a.m. – 11:45 a.m. | Exhibit Hall | Meredith Kingeter, MD, Kara Siegrist, MD

Medically Challenging Cases : *Time is Bleeding Risk: Epidural Catheter Management in Patients Receiving Emergent Antithrombotic Therapy*

1:55 p.m. – 2:05 p.m. | Exhibit Hall – Monitor 19 | Gabrielle Statzer, MD

Medically Challenging Cases: *The Efficacy of a Stellate Ganglion Block for POTS Treatment*

12:45 p.m. – 2:45 p.m. | Exhibit Hall – Monitor 13 | Sarah Gallegos, DO, Nicholas Statzer, MD

ePoster: *Increased Utilization of Perioperative Glucose Testing in Patient with Diabetes: An Analysis of the National Anesthesia Clinical Outcomes Registry*

2:45 p.m. – 3:45 p.m. | Exhibit Hall | Jonathan Wanderer, MD

Panel: *Challenges With Implementation and Use of AI-Based Technologies*

2:45 p.m. – 3:45 p.m. | 121B | Hannah Lonsdale, MBChB

Medically Challenging Cases: *Stabbed through the Heart, the Rib to Blame*

3:10 p.m. – 3:20 p.m. | Exhibit Hall – Monitor 6 | Braden Hestermann, MD

Medically Challenging Cases: *Serial Spinals for Labor Analgesia in a Patient With Harrington Rods*

4:10 p.m. – 4:20 p.m. | Exhibit Hall – Monitor 9 | Hasti Mazdeyasna, MD, Holly Ende, MD, Stephanie Woodward, MD

Medically Challenging Cases: *Mirroring Complications: Obstetric Critical Care for Severe Pre-eclampsia and Mirror Syndrome*

4:50 p.m. – 5:00 p.m. | Exhibit Hall – Monitor 9 | Bola Soliman, MD, Monica Bhutiani, MD, MEd

Medically Challenging Cases: *Anesthetic Management of an Emergent Craniotomy in a Patient with Type A Aortic Dissection*

3:40 p.m. – 3:50 p.m. | Exhibit Hall – Monitor 19 | Jeffery Clemmons, MD

Hands-on Workshop - Geriatric Hip Fractures: Regional Analgesia Techniques and Perioperative POCUS Cardiac Assessment: *Suprainguinal Fascia Iliaca Block*

4:00 p.m. – 5:00 p.m. | 103A | Brian Allen, MD

Sunday, October 20

Hands-on Workshop: *ASA Diagnostic POCUS Certificate: Part 4*

8:00 a.m. – 9:30 a.m. | 103A | Christina Jelly, MD

Oral Presentations: *Genetic Variants Associated with Sepsis-associated Acute Kidney Injury*

9:15 a.m. – 10:15 a.m. | 120C | Miklos Kertai, MD, PhD

Oral Presentations: *Experimental Circulation - Oral Presentations*

9:15 a.m. – 10:15 a.m. | 120A | Moderator: Matthias Riess, MD, PhD

Medically Challenging Cases: *Can't Wake Up: 13 hours to Emergence Following General Anesthesia*

9:50 a.m. – 10 a.m. | Exhibit Hall – Monitor 7 | Rachel Rios, MD, Michael Pilla, MD

Medically Challenging Cases: *Management of a Patient with Post-Covid Dysphonia Undergoing Complex Glottic Repair: An Approach to Spontaneous Ventilation*

10:10 a.m. – 10:20 a.m. | Exhibit Hall – Monitor 7 | Vida Motamedi, MD, Nicholas Statzer, MD

Medically Challenging Cases: *Methylnaltrexone for Intractable Opioid-Induced Paralytic Ileus in a Postpartum Patient with Sickle Cell Disease*

10:50 a.m. – 11 a.m. | Exhibit Hall – Monitor 11 | Bennett Sorensen, MD, Nicholas Statzer, MD

MCC Paper Poster: *The Use of Mechanical Circulatory Support (MCS) and High-Dose Insulin for Acute Calcium Channel Blocker Overdose*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Mercede Erickson, MD, Subasish Bhowmik, MD, Brittany McCann, MD

MCC Paper Poster: *Challenges of managing patients with undifferentiated shock: A case of refractory shock in a patient undergoing percutaneous nephrostomy tube placement*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Akshay Thontakudi, MD, Erin Shirley, MD

MCC Paper Poster: *Carcinoid syndrome: Intraoperative management, pitfalls, practices, and profound hypotension*

10:00 a.m. – 11:30 a.m. | Exhibit Hall | Bryanna Buchman, MD, Brittany Gisi, MD, Michael Pilla, MD, Yuri Korobchuk, DO

Oral Presentations: *Patient-Reported Experience in Anesthesia Care: An Analysis of the National Anesthesia Clinical Outcomes Registry*

10:30 a.m. – 11:30 a.m. | 120C | Jonathan Wanderer, MD

Hands-on Workshop: *Advanced Ultrasound-Guided Regional Anesthesia Workshop*

10:30 a.m. – 12:00 p.m. | 103C | Lane Crawford, MD

Special Session: FAER Medical Student Posters - *Cardioprotective Effect of Argon on a Rat Model of Fibrillatory Arrest*

1:00 p.m. – 2:00 p.m. | 201AB | Hisham Kashif, BS (*FAER Medical Student Anesthesia Research Fellow, Summer*), Matthias Riess, MD, PhD, Zhu Li, PhD, Matthew Barajas, MD

Special Session: FAER Medical Student Posters - *Trained Immunity Enhances Antimicrobial Functions of Macrophages through NOX2-Driven ROS Production*

1:00 p.m. – 2:00 p.m. | 201AB | Mei Lin Dye, BS (*FAER Medical Student Anesthesia Research Fellow, Summer*), Dan Hao, PhD, Edward Sherwood, MD, PhD

Medically Challenging Cases: *The Use of Inhaled Epoprostenol in Severe Hypoxemia and Biventricular Failure from Stress-Induced Cardiomyopathy following Subarachnoid Hemorrhage*

1:20 p.m. – 1:30 p.m. | Exhibit Hall – Monitor 6 | Subasish Bhowmik, MD, Olivia Gignilliat, MD, Merrick Miles, MD

Medically Challenging Cases: *Difficult Mask Ventilation Complicated by Hypoxemia and Bradycardia in Neonate with Coarctation of Aorta*

1:20 p.m. – 1:30 p.m. | Exhibit Hall – Monitor 15 | Samar Mkhayel, MD

Medically Challenging Cases: *Cardiac Arrest During Coronary PCI Requiring 75-Minutes of ACLS, Impella, VA-ECMO... With Full Neurologic Recovery*

1:50 p.m. – 2:00 p.m. | Exhibit Hall – Monitor 9 | Ian Funk, MD, Kaitlyn Brennan, DO, MPH

Medically Challenging Cases: *Anesthetic Management of Symptomatic Bilateral Pheochromocytomas in a Patient with MEN2*

1:10 p.m. – 1:20 p.m. | Exhibit Hall – Monitor 17 | Faith Genereux, MD, Maggie O'Connor Whittle, MD, William Chang, MD, Mark Rice, MD

ePoster: *Evaluation of Anesthesia Clinician Adherence to Best Practices in Prevention of Postoperative Vomiting in Pediatric Patients: An Analysis of the National Anesthesia Clinical Outcomes Registry*

1:30 p.m. – 2:30 p.m. | Exhibit Hall | Jonathan Wanderer, MD

ePoster: *Increased Utilization of Multimodal Pain Management Among Anesthesia Clinicians: An Analysis of the National Anesthesia Clinical Outcomes Registry*

1:30 p.m. – 2:30 p.m. | Exhibit Hall | Jonathan Wanderer, MD

Oral Presentations: *Outcomes and Database Research*

1:30 p.m. – 2:30 p.m. | 120C | Moderator: Jonathan Wanderer, MD

Hands-on Workshop: *Perioperative Resuscitation and Life Support (PeRLS) Simulation Workshop: Anesthesia-Centric ACLS and Beyond*

1:30 p.m. – 3:30 p.m. | 113A | Moderators: Arna Banerjee, MD, FCCM, Dorothee Mueller, MD, Faculty: Meredith Kingeter, MD, Kimberly Rengel, MD, Edward Yaghmour, MD, Bantayehu Sileshi, MD, Monica Bhutiani, MD, MEd, Douglas Hester, MD

Medically Challenging Cases: *Dynamic Cardiac Tamponade during Liver Transplantation Secondary to CVP Changes with IVC Clamping*

2:40 p.m. – 2:50 p.m. | Exhibit Hall – Monitor 2 | Alex Brown, MD, Meredith Kingeter, MD

Medically Challenging Cases: *Salvage Impella Placement for Undifferentiated Shock During Renal Transplant in a Patient Ineligible for VA ECMO*

2:30 p.m. – 2:40 p.m. | Exhibit Hall – Monitor 4 | Kelsei Keene, MD, Meredith Kingeter, MD

Medically Challenging Cases: *Complications of Embolism During Bone Cement Placement*

4:05 p.m. – 4:15 p.m. | Exhibit Hall – Monitor 3 | Sarah Birk, MD, MPH, Mercede Erickson, MD, Lindsey Efird, MD

ASA Alumni Reception

SUNDAY, OCTOBER 20, 2024

7 P.M. TO 10 P.M.

W PHILADELPHIA

1439 CHESTNUT STREET
PHILADELPHIA, PA 19102



Co-hosted by the Anesthesiology Departments at:
Vanderbilt University Medical Center
Emory University School of Medicine
The University of North Carolina at Chapel Hill

VANDERBILT UNIVERSITY
MEDICAL CENTER

Department of Anesthesiology

MCC Quality Improvement Projects: *Quantification of Multimodal Analgesia Effect on Opioid-Sparing Related Outcomes*

3:35 p.m. – 3:45 p.m. | Exhibit Hall – Monitor 15 | Gabrielle Statzer, MD

Medically Challenging Cases: *The 6th Vital Sign... Preoperative Pediatric Anxiety*

3:35 p.m. – 3:45 p.m. | Exhibit Hall – Monitor 14 | Leah Bergman, CRNA, DNP, Christy Crockett, MD

MCC Paper Poster: *Anesthetic Management During a Complicated Case of Bladder Paraganglioma*

3:45 p.m. – 5:15 p.m. | Exhibit Hall – Poster 18 | Camille Adajar, MD, Ellen Stallings, MD, John Bryant, MD, Olivia Gignilliat, MD

Oral Presentation: *Simulation-based Assessment to Understand Clinical Performance and Decision Making*

4:00 p.m. – 5:00 p.m. | 120B | Meredith Kingeter, MD, Matthew Weinger, MD

Oral Presentation: *Regional Anesthesia and Acute Pain III*

4:00 p.m. – 5:00 p.m. | 120C | Moderator: Lane Crawford, MD

Point-Counterpoint: *Artificial Intelligence Will Transform the Practice of Anesthesiology*

4:00 p.m. – 5:00 p.m. | 121B | Hannah Lonsdale, MBChB

Snap-Talk: *Asking for a Friend: Tricky Clinical Questions Answered by #OBAnes*

4:00 p.m. – 5:00 p.m. | 115AB | Jeanette Bauchat, MD

Monday, October 21

Medically Challenging Cases: *Airway Management of a Patient with Sutured Lips*

10:50 a.m. – 11:00 a.m. | Exhibit Hall 4 | Chelsea Gustafson, MD, Christy Crockett, MD

Medically Challenging Cases: *Management of a Pregnant Patient with Acute Pulmonary Embolism Requiring Emergent Cesarean Section*

10:50 a.m. – 11:00 a.m. | Exhibit Hall – Monitor 7 | Micah Newton, MD, Monica Bhutiani, MD, MEd

Hands-on Workshop: *Perioperative Resuscitation and Life Support (PeRLS) Simulation Workshop: Anesthesia-Centric ACLS and Beyond*

9:30 a.m. – 11:00 a.m. | 113A | Moderators: Arna Banerjee, MD, FCCM, and Dorothee Mueller, MD, Speaker: Lane Crawford, MD

Hands-on Workshop: ASA Diagnostic POCUS Certificate: Part 4

9:30 a.m. – 11:00 a.m. | 103A | Christina Jelly, MD

Panel: Adventure 1 — Perioperative Management of Major Obstetric Hemorrhage in a High-Resource Setting

10:45 a.m. – 11:45 a.m. | 118BC | Laura Sorabella, MD

Panel: Code Mom: Critical Care Strategies for the Labor Floor

10:45 a.m. – 11:45 a.m. | 115AB | Kaitlyn Brennan, DO, MPH

Panel: Opioid Use Disorder in Pregnancy: A Case-Based Discussion

1:30 p.m. – 2:30 p.m. | 115AB | Moderator: Jeanette Bauchat, MD

Panel: Alternative (Nonopioid and Nonpharmacologic) Methods of Analgesia

1:30 p.m. – 2:30 p.m. | 115AB | Laura Sorabella, MD

Snap-Talk: Leveraging Informatics to Guide Blood Ordering

1:30 p.m. – 2:30 p.m. | 118A | Holly Ende, MD

Hands-on Workshop: Ultrasound-Guided Regional Anesthesia and Analgesia Techniques for Breast and Chest Wall Surgery

1:30 p.m. – 3:00 p.m. | 113A | Brian Allen, MD, Lane Crawford, MD

Oral Presentation: Evaluation of Anesthesia Clinician Adherence to Best Practices in Perioperative Temperature Management: An Analysis of the National Anesthesia Clinical Outcomes Registry

2:45 p.m. – 3:45 p.m. | 120A | Jonathan Wanderer, MD

Snap-Talk: Get With the Guidelines! Pearls From Recent Publications to Improve the Practice of Cardiac Surgery

2:45 p.m. – 3:45 p.m. | 105AB | Moderator: Miklos Kertai, MD, PhD

Snap-Talk: AKI: A Rational Approach to Preoperative Evaluation

4:00 p.m. – 5:00 p.m. | 105AB | David McIlroy, MB.BS., MD, MClInEpi

Tuesday, October 22

Clinical Forum: Pediatric Perioperative Emergencies: Laryngospasm, Bronchospasm, and Emergence Delirium, Oh My!

9:15 a.m. – 10:15 a.m. | 121C | Jordan Yokley, MD

Point-Counterpoint: Con: Regional Anesthesia Is Not the Preferred Technique in Parturients With Placenta Accreta Spectrum for Elective Cesarean Delivery

9:15 a.m. – 10:15 a.m. | 118 BC | Holly Ende, MD

Panel: *Regional, Acute Pain, and PoCUS: Fundamentals of Billing Every Clinician Should Know*

9:15 a.m. – 10:15 a.m. | 107AB | Moderator: Brian Allen, MD

Snap-Talk: *My Patient Has an LVAD!*

9:15 a.m. – 10:15 a.m. | 118A | Christina Jelly, MD

Snap-Talk: *Identifying High-Value Nerve Blocks at Your Institution*

10:30 a.m. – 11:30 a.m. | 108AB | Brian Allen, MD

Snap-Talk: *AI for Education-Based Interventions and Practice Improvement Initiatives*

1:00 p.m. – 2:00 p.m. | 105A | Miklos Kertai, MD, PhD



VANDERBILT UNIVERSITY
MEDICAL CENTER

Department of
Anesthesiology

Academic Excellence in Action

This guide represents our department's contribution of over 70 activities at the 2024 ASA Annual Meeting:

- 21 Medically Challenging Cases
- 8 Hands-on Workshops
- 8 Snap-Talks
- 7 Oral Presentations
- 6 Panels
- 5 ePosters
- 4 MCC Paper Posters
- 3 Paper Posters
- 2 Point-Counterpoints
- 2 Special Sessions
- 1 Clinical Forum
- 1 MCC Quality Improvement Project
- 1 Pre-Recorded Virtual Panel
- 1 Residency Programs Open House

2024 PARTICIPANTS

FACULTY



Warren Sandberg, MD, PhD
Chair, Department of Anesthesiology



Brian Allen, MD



Aditi Balakrishna, MD



Arna Banerjee, MD, FCCM



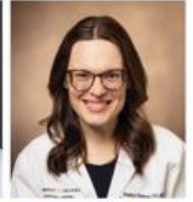
Matthew Barajas, MD



Jeanette Bauchat, MD



Monica Bhutiani, MD, MEd



Kaitlyn Brennan, DO, MPH



John Bryant, MD



William Chang, MD



Jeffrey Clemmons, MD



Lane Crawford, MD



Christy Crockett, MD



Susan Eagle, MD



Lindsey Efir, MD



Holly Ende, MD



Leslie Fowler, EdD



Brittany Gisi, MD



Douglas Hester, MD



Braden Hestermann, MD



Christina Jelly, MD



Miklos Kertai, MD, PhD



Meredith Kingeter, MD



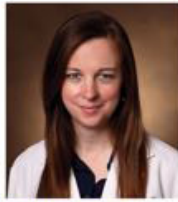
Hannah Lonsdale, MBChB



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Merrick Miles, MD



Dorothee Mueller, MD



Roy Neeley, MD



Michael Pilla, MD



Kimberly Rengel, MD



Mark Rice, MD



Matthias Riess, MD, PhD



Edward Sherwood, MD, PhD



Erin Shirley, MD



Kara Siegrist, MD



Bantayehu Sileshi, MD



Connor Snarskis, MD



Laura Sorabella, MD



Ellen Stallings, MD



Nicholas Statzer, MD



Jonathan Wanderer, MD



Matthew Weinger, MD



Stephanie Woodward, MD



Edward Yaghmour, MD



Jordan Yokley, MD

FELLOWS



Subasish Bhowmik, MD Dan Hao, PhD Samar Mkhayel, MD Maggie O'Connor Whittle, MD Gabrielle Stutzer, MD

RESIDENTS



Camille Adajar, MD Sarah Birk, MD, MPH Alex Brown, MD Bryanna Buchman, MD Mercedes Erickson, MD Ian Funk, MD Sarah Gallegos, DO Faith Geneveux, MD



Olivia Gignilliat, MD Chelsea Gustafson, MD Kelsei Keene, MD Yuri Korobchuk, DO Hasti Mazdeyasna, MD Michael Morgan, MD Vida Motamedi, MD Micah Newton, MD



Caroline Praestholm, MD Rachel Rios, MD Anthony Sermarini, MD Bola Soliman, MD Bennett Sorensen, MD Akshay Thontakudi, MD

CRNA



Leah Bergman, CRNA, DNP