



2025 Clinical Updates in Anesthesiology Conference

Saturday, September 20

7:00 am – 5:30 pm

Sunday, September 21

8:00 am – 1:30 pm

Saturday, September 20

7:00 – 7:50 am **Registration and continental breakfast**

7:50 – 7:55 am

Welcome

Charles W. Hogue, MD, FAHA

7:55 – 8:00 am

Opening:

Feyce M. Peralta, MD

8:00 – 8:45 am

Lung Protective Ventilation for the Perioperative Patient with ARDS:

Michael Ault, MD

Management Strategies for the Perioperative Patient with Acute Renal Failure:

Louanne Carabini, MD

8:45 – 9:30 am

AWAKE Kidney Transplant: How and Why We Do It:

Tiffany Liu, MD

Blood, Bugs and Best Practices: Updates to the ASRA Coagulation and Infection Control Guidelines:

Vicente Garcia Tomás, MD

Moderator:

Jessica Weeks, MD

9:30 – 9:45 am

Break

9:45 – 10:30 am

Management of Failed Epidural Catheters for Labor and Cesarean Delivery:

Jason Farrer, MD

Antepartum Evaluation for Parturients with Common Neurological Issues:

Samantha Lu, MD

Moderator:

Emery McCrory, MD

10:30 – 11:15 am

Extended Down Time and How to Minimize Impact on Operations:

Olga Leavitt, MD

Anesthetic Management of Patients with Adult Congenital Heart Disease:

David Krodel, MD, MS, FASA

Moderator:

Hubert Benzon, MD

Saturday, September 20 (continued)

11:15 – 11:30 am **Break**

11:30 am – 12:20 pm

Lunch and Learn – The 2024 AHA/ACC Guideline for Perioperative Cardiac Management for Noncardiac Surgery:

*BJ Sweitzer, MD**

12:20 – 12:30 pm **Break**

12:30 – 1:15 pm

Updates on Perioperative Pain Management:

Dost Khan, MD

Virtual Reality as a Replacement for Procedural Sedation:

Jason Ross, MD

Moderator:

Heejung Choi, MD

1:15 – 2:00 pm

Lung Isolation for the Difficult Airway:

David Rudnick, MD

Tips and Tricks for the Management of VA-ECMO:

Lakshmi Nemani, MD

Moderator:

Ashley Budd, MD

2:00 – 2:15 pm **Break**

2:15 – 3:00 pm

Optimizing Perioperative Care in Patients with Increased Intracranial Pressure:

Matthew Vengalil, MD

Perioperative Concerns with Chronic Spinal Cord Injury:

Amanda Knutson, MD, PhD

Moderator:

Jamie Uejima, MD

3:00 – 3:45 pm

Enhanced Recovery After Surgery and Anesthesia: Principles and Practice:

Meltem Yilmaz, MD

Advanced Strategies in Airway Control:

CJ Smith, MD

Moderator:

Funmi Ayanbule, MD

3:45 – 5:30 pm **Networking reception**

Sunday, September 21 Optional Ultrasound Workshop

8:00 – 8:45 am **Registration and breakfast**

8:45 – 9:00 am **Welcome**

9:00 – 11:00 am

Upper Extremity Blocks

Lower Extremity Blocks

Truncal Blocks

Peripheral Intravenous Ultrasound

Led by:

Vicente Garcia Tomás, MD

Facilitators:

Jessica Weeks, MD; Tiffany Liu, MD; CJ Smith, MD

11:00 – 11:30 am **Break**

11:30 am – 1:30 pm

Cardiac Ultrasound

Lung Ultrasound

Gastric Ultrasound

Cricothyroid U/S workshop

Led by:

Rachel Kadar, MD; Dinesh Kurian, MD

Facilitators:

Jessica Weeks, MD; Tiffany Liu, MD; CJ Smith, MD, Liting Chen, MD

*In the spirit of keeping you well informed, the identified physician is neither an employee nor agent of Northwestern Memorial HealthCare or any of its affiliated entities. This physician has selected our facilities as places where they want to treat and care for their patients.

Target audience

- › **Specialties:** Anesthesiology
- › **Professions:** Physician, Physician Assistant, Certified Registered Nurse Anesthetist, Student

Learning objectives

- › Implement evidence-based strategies and advanced techniques for perioperative management, including pain control, lung isolation and extracorporeal membrane oxygenation (ECMO), to enhance patient comfort and outcomes.
- › Evaluate and integrate innovative technologies and updated guidelines, such as virtual reality for procedural sedation and ASRA guidelines on coagulation and infection control, to minimize complications and improve perioperative care.
- › Develop comprehensive management plans for complex perioperative conditions, including acute renal failure, elevated intracranial pressure and chronic spinal cord injuries, ensuring optimal patient safety and recovery.
- › Employ advanced techniques for lung isolation in patients with difficult airways to facilitate safe surgical procedures.
- › Utilize practical tips and advanced techniques for managing patients on veno-arterial extracorporeal membrane oxygenation (VA-ECMO).
- › Implement best practices for managing elevated intracranial pressure in the perioperative setting to optimize patient outcomes.
- › Address the unique perioperative concerns of patients with chronic spinal cord injuries to ensure comprehensive care.
- › Apply enhanced recovery protocols to improve postoperative recovery times and patient satisfaction.
- › Execute advanced airway management techniques to ensure patients safety during anesthesia.
- › Implement key management strategies for perioperative patients with acute renal failure, including intravascular volume expansion, maintenance of renal blood flow and perfusion pressure, avoidance of nephrotoxic agents and careful glycemic control.

Specific conference objectives:

- › Implement the latest strategies for managing pain in the perioperative setting to enhance patient comfort and outcomes.
- › Integrate virtual reality technology into procedural sedation practices to reduce reliance on pharmacologic agents.
- › Execute the protocols for performing AWAKE kidney transplants, focusing on patient selection and intraoperative management.
- › Apply the updated ASRA guidelines on coagulation and infection control to minimize complications in regional anesthesia.
- › Develop effective strategies for managing failed epidural catheters to ensure safe and effective analgesia during labor and cesarean delivery.
- › Conduct thorough antepartum evaluations for parturient with neurological conditions such as prior back surgery, pseudotumor cerebri, Arnold Chiari malformations and spina bifida.
- › Evaluate the principles and benefits of lung protective ventilation strategies for perioperative patients with acute respiratory distress syndrome.
- › Analyze and understand the key recommendations and updates in the 2024 AHA/ACC guidelines for perioperative cardiovascular management in noncardiac surgery.

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 10.75 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Saturday, September 20, 2025, Credits[™]: 6.75 AMA PRA Category 1 Credits[™].