



NORTHWESTERN MEDICINE PRESENTS: 2024 CLINICAL UPDATES IN ANESTHESIOLOGY CONFERENCE

Simulation Course for Maintenance of Certification in Anesthesiology

Friday, September 27th, 2024

Northwestern Anesthesiology Center for
Clinical Simulation

675 North St. Clair Street

Galter Pavilion, 5th Floor, Room 5-126

Chicago, IL

Session One: 7:15 am - 12:45 pm

Session Two: 12:15 pm - 5:45 pm

Featured Lectures

Saturday, September 28th, 2024

Louis A Simpson and Kimberly K. Querrey

Biomedical Research Center

303 E. Superior St., Chicago, IL

7:00 am - 5:00 pm

(Reception: 5:00 pm - 7:00 pm)

Ultrasound Workshops

Sunday, September 29th, 2024

Northwestern Simulation Lab

240 E. Huron Street

McGaw Pavilion

Chicago, IL

8:00 am - 1:30 pm

NM Clinical Updates in Anesthesiology 2024

Target Audience

Specialties - Anesthesiology, Nurse Anesthetist, Nurse Practitioner
Professions - Non-Physician, Nurse, Physician, Physician Assistant

Overview

An anesthesiology conference for anesthesiologists, CRNAs, and anesthesia residents/fellows covering up-to-date and best practices in the field.

Program Objectives

1. Recognize predictors of difficult airway and develop appropriate airway management strategies and skills.
2. Define best practices to treat anemia preoperatively.
3. Describe different ways to manage right ventricular failure, including adjustment to preload and afterload, fluid status, and options for mechanical circulatory support.
4. Understand perioperative hemodynamic management goals at various time points in patients undergoing acute stroke intervention.
5. Define and understand which changes to intraoperative neuromonitoring signals are of potential clinical significance and merit intervention.
6. Review the morbidity associated with obstetric hemorrhage and potential treatment options (e.g., TXA, fibrinogen concentrate, etc.)
7. Identify and manage patients who present post-delivery with neurological symptoms.
8. Evaluate the recent body of evidence regarding optimal anesthesia for hip fracture surgery.
9. Assemble a plan for the management of buprenorphine for the perioperative period.
10. Review ventilation strategies that are helpful in ensuring adequate gas exchange and minimizing ventilator-associated lung injury.
11. Discuss common ethical dilemmas in the surgical ICU and perioperative setting.
12. Discuss the current state of ERAS for pediatric surgery, and why pediatric uptake has lagged.

[Register here!](#)

Program Faculty

[Feyce M Peralta, MD, MS](#)

Vice Chair for Faculty Development & Diversity, Equity, and Inclusion - Associate Professor

Course Director

[Talal \(Adam\) Akbar, MD](#)

Assistant Professor

[Olufunmilayo Ayanbule, MD](#)

Division Chief, Multispecialty - Assistant Professor

[Jennifer Banayan, MD](#)

Associate Professor

[John Patrick F Bebawy, MD](#)

Division Chief, Neuroanesthesia - Professor

[Hubert Benzon, MD](#)

Associate Professor

Lurie Children's Hospital

[Adithya Bhat, MD](#)

Assistant Professor

[Ashley N Budd, MD](#)

Assistant Professor

[Nicholas Burjek, MD](#)

Assistant Professor

Lurie Children's Hospital

[Louanne M Carabini, MD, MA](#)

Vice Chair, Education - Associate Professor

[Liting Chen, MD](#)

Assistant Professor

[Heejung Choi, MD](#)

Associate Professor

[Vicente Garcia Tomas, MD](#)

Division Chief, Acute Pain/Regional - Assistant Professor

[Alok A Gupta, MD](#)

Assistant Professor

[Dost M Khan, MD](#)

Assistant Professor

[Amanda Knutson, MD](#)

Assistant Professor

[Dinesh J Kurian, MD, MBA](#)

Associate Professor

Program Faculty

Alina Lazar, MD
Assistant Professor
Lurie Children's Hospital

Thomas Mader, MD
Assistant Professor

Emery H McCrory, MD
Assistant Professor

Betty Mestousis, CRNA

Jacqueline Morano, MD
Assistant Professor

Sawyer Naze, MD
Assistant Professor

Olutoyin Olutoye, MD
Anesthesiologist-in-Chief
Lurie Children's Hospital

Samir K Patel, MD
Assistant Professor

Samar P Shah, MD
Instructor

Erin Toaz, MD
Assistant Professor
Lurie Children's Hospital

Jamie L Uejima, MD
Assistant Professor

Jessica Weeks, MD
Assistant Professor

Agenda
Day One

Friday, September 27th

Simulation Course for Maintenance of Certification in Anesthesiology

Session One

7:15 am	Breakfast and Orientation to Simulation Space
8:00 am	Introduction and Background to MOCA
8:30 am	Scenario 1
9:15 am	Scenario 2
10:00 am	Break
10:15 am	Scenario 3
11:00 am	Scenario 4
11:45 am	Summary and Survey

Session Two

12:15 pm	Lunch and Orientation to Simulation Space
1:00 pm	Introduction and Background to MOCA
1:30 pm	Scenario 1
2:15 pm	Scenario 2
3:15 pm	Break
3:30 pm	Scenario 3
4:15 pm	Scenario 4
5:00 pm	Summary and Survey

Please register [here](#) for the session

Featured Lectures

- 7:00 am** **Breakfast and Registration**
- 8:00 am** **Welcome**
Charles W. Hogue, MD, FAHA
- 8:15 am** **Funmi Ayanbule, MD (Moderator)**
ASA Difficult Airway Algorithm: Best Practice Strategies for Success
Adam Akbar, MD
Emergency Invasive Airway Access
Funmi Ayanbule, MD
One Lung Ventilation in Patient with Difficult Airway
Thomas Mader, MD
- 9:10 am** **Hubert Benzon, MD (Moderator)**
Pediatric Spinal Anesthesia
Alina Lazar, MD
Pediatric Enhanced Recovery After Surgery
Nick Burjek, MD
EndoFLIP: What Every Anesthesiologist Should Know
Erin Toaz, MD
- 10:05 am** **Breaks**
- 10:20 am** **Jennifer Banayan, MD (Moderator)**
Updates in Postpartum Hemorrhage Management
Adithya Bhat, MD
Adjuvants to Epidurals and Spinals
Samir Patel, MD
Neurologic Complications in Obstetrics
Emery McCrory, MD
- 11:15 am** **Alok Gupta, MD (Moderator)**
The Physiologically Difficult Airway
Alok Gupta, MD
Ethical Dilemmas in the Critical Care Setting
Louanne Carabini, MD, MA
- 12:10 pm** **Lunch**
Continued on next page

Featured Lectures

- 12:55 pm** **Ashely Budd, MD (Moderator)**
Durable Ventricular Assist Devices
Dinesh Kurian, MD, MBA
Patient Blood Management in Cardiac Surgery
Ashley Budd, MD
Right Heart Failure – How to Manage It?
Sawyer Naze, MD
- 1:50 pm** **John Bebawy, MD (Moderator)**
Anesthetic Management of Acute Stroke
Jamie Uejima, MD
Perioperative Loss of Neuromonitoring Signals During Spine Surgery
Jacqueline Morano, MD
Anesthetic Implications of Autonomic Dysreflexia
Amanda Knutson, MD
- 2:45 pm** **Breaks**
- 3:00 pm** **Vicente Garcia Tomas, MD (Moderator)**
Optimizing Anesthesia for Hip Fracture Surgery: Neuraxial versus General Anesthesia
Liting Chen, MD
High-yield Peripheral Nerve Blocks for Medically Complex Patients
Jessica Weeks, MD
Neurologic Complications Associated with Regional Anesthesia: Mechanisms and Management
Vicente Garcia Tomas, MD
- 3:55 pm** **Heejung Choi, MD (Moderator)**
Buprenorphine Management in Perioperative Period
Dost Khan, MD
2022 Updated CDC Clinical Practice Guideline for Prescribing Opioids for Pain
Heejung Choi, MD
- 4:35 pm** **Pre-Operative Anemia: Implications, Assessment and Treatment**
Samar Shah, MD
- 5:00 pm** **Networking Reception**

Ultrasound Workshops

8:00 am	Registration and Breakfast
8:45 am	Welcome
9:00 am	Upper Extremity, Lower Extremity, and Truncal Blocks <i>Vicente Garcia Tomas, MD</i>
11:00 am	Break
11:30 am	Cardiac, Lung, Gastric, and Peripheral Intravenous Ultrasounds <i>Dinesh Kurian, MD, MBA</i>

Accommodation Details

Please use the following link to book your discounted accommodations:

[Hyatt Centric Chicago Magnificent Mile - NM Reservation Link](#)

Contact Information

If you have any questions please contact the following:

Mike Doyle, MBA - michael.doyle@nm.org

Feyce M. Peralta, MD, MS - feyce.peralta@nm.org

Reminders

Registration for Saturday and Sunday will close on Friday, September 13, 2024 at 11:59 pm. On-site registration will not be available.

Cancellations/Refunds

Cancellations must be made in writing to Michael Doyle at michael.doyle@nm.org. The registration fee will be refunded if cancellation is received on or before Friday, August 16, 2024. No refunds will be issued after this date.

Accreditation

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 12.50 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Credits

AMA PRA Category 1 Credits[™] (12.50 hours), Non-Physician Attendance (12.50 hours)