

UNC Department of Anesthesiology **36th Annual**
Carolina Refresher Course
in Anesthesiology, Pain & Critical Care Medicine

Kiawah Island, South Carolina
 June 18 - 21, 2025

Wednesday, June 18th

- 6:15 - 7:00am **Breakfast**
- 7:00 - 7:30am **Pro-Con Debate: ASA Guidance on GLP1- Agonists** **PS**
Elisa Takalo, MD / Wade Weigel, MD
- 7:30 - 8:00am **Essentials of LVAD Care for Non-Cardiac Surgery** **QI**
Craig Grosshuesch, MD
- 8:00 - 8:30am **Regional Anesthesia in the Patient Receiving Antithrombotic Therapy: ASRA Guidelines Update** **QI**
Sandy Kopp, MD
- 8:30 - 9:00am **Up in Smoke: Perioperative Management of Patients on Cannabis** **PS**
Irina Phillips, MD
- 9:00 - 9:15am **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD
- 9:15 - 9:45am **Break & "Meet the Professor"**
- 9:45 - 10:15am **Versions, Ligations, and Cerclages, Oh My!: Anesthesia for Obstetric Procedures** **PS**
Lacey Straube, MD
- 10:15 - 10:45am **Hemodynamic Monitoring for All: Techniques and Applications Beyond the Cardiac OR** **QI**
Daniel Rosenkrans, MD
- 10:45 - 11:15am **Patient Outcomes After Hip Fracture Surgery: Results from the REGAIN Trial** **QI**
Emily Vail, MD
- 11:15 - 11:45am **The Expanding Landscape of Liposomal Bupivacaine** **PS**
Daniel McMillan, MD
- 11:45 - 12:00pm **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD

Thursday, June 19th

- 6:15 - 7:00am **Breakfast**
- 7:00 - 7:30am **Watch Your Step!: Common Pediatric Anesthesia Pitfalls** **PS**
Joseph Sisk, MD
- 7:30 - 8:00am **The Stress of Stress Testing: Current Controversies in Preoperative Cardiac Evaluation** **QI**
Alan Smeltz, MD
- 8:00 - 8:30am **Under Pressure: Principles of Intracranial Hypertension Management** **PS**
Justin Sandall, MD
- 8:30 - 9:00am **Pro-Con: Opioid Free Surgery** **QI**
Maryam Jowza, MD / Irina Phillips, MD
- 9:00 - 9:15am **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD
- 9:15 - 9:45am **Break & "Meet the Professor"**
- 9:45 - 10:15am **A Breath of Fresh Air: Updates in Thoracic Anesthesia** **PS**
Emily Teeter, MD
- 10:15 - 10:45am **Lecture on Leadership in Medicine**
Ted Sakai, MD
- 10:45 - 11:15am **Regional Anesthesia for Lower Extremity Joint Replacements** **QI**
Sandy Kopp, MD
- 11:15 - 11:45am **Monitoring and Antagonism of Neuromuscular Blockade: ASA Practice Guidelines** **PS**
Wade Weigel, MD
- 11:45 - 12:00pm **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD

Friday, June 20th

- 6:15 - 7:00am **Breakfast**
- 7:00 - 7:30am **Feeling the Pressure: Managing Pain during Cesarean Delivery** **PS**
Christine McKenzie, MD
- 7:30 - 8:00am **Batten Down the Hatches: Updates in Vascular Anesthesia** **QI**
Alan Smeltz, MD
- 8:00 - 8:30am **A Precious Commodity: Management of Deceased Organ Donation** **QI**
Emily Vail, MD
- 8:30 - 9:00am **Complementary Therapies in Chronic Pain Management: Are They True or Just Woo?** **QI**
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- 10:15 - 10:45am **TEE for Non-Cardiac Surgery to the Rescue!** **PS**
Emily Teeter, MD
- 10:45 - 11:15am **Making Trunk Blocks Actually Work for Your Patient** **QI**
Monika Nanda, MD
- 11:15 - 11:45am **Breaking the Da Vinci Code: Tips for Anesthetic Management for Robotic Surgery** **QI**
Angela Robertson, CRNA
- 11:45 - 12:00pm **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD

Saturday, June 21st

- 6:15 - 7:00am **Breakfast**
- 7:00 - 7:30am **Systolic vs. Diastolic Heart Failure: What's the Difference in Management?** **QI**
Craig Grosshuesch, MD
- 7:30 - 8:00am **Staying Independent in Private Practice: Balancing Increased Costs with Decreasing Reimbursements** **QI**
Justin Sandall, MD
- 8:00 - 8:30am **The Future is Now!! AI and VR in Anesthesiology**
Monika Nanda, MD
- 8:30 - 9:00am **What's New in OB Anesthesia?** **PS**
Christine McKenzie, MD
- 9:00 - 9:15am **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD
- 9:15 - 9:45am **Break & "Meet the Professor"**
- 9:45 - 10:15am **Just Breathe: Overcoming Refractory Hypoxia** **QI**
Shawn Jia, MD
- 10:15 - 10:45am **Methadone: Beyond Addiction** **QI**
Maryam Jowza, MD
- 10:45 - 11:15am **Stop the Bleed: Managing Coagulopathies During the Perioperative Period** **PS**
Daniel Rosenkrans, MD
- 11:15 - 11:45am **Safety First: Prudent Practices for Pregnant Patients** **PS**
Lacey Straube, MD
- 11:45 - 12:00pm **Panel Discussion**
Rob Isaak, DO, Jacob Acton, MD

12:00 - 1:00pm	WORKSHOP 1 - POCUS: Heart, Lung, Gastric Shawn Jia, MD, Alan Smeltz, MD, Justin Sandall, MD	12:00 - 1:00pm	WORKSHOP 1 - POCUS: Heart, Lung, Gastric Emily Vail, MD, Daniel Rosenkrans, MD, Shawn Jia, MD	12:00 - 1:00pm	WORKSHOP 1 - POCUS: Heart, Lung, Airway Craig Grosshuesch, MD, Christine McKenzie, MD	12:00 - 1:00pm	PBLD - UPT a Creek Without a Paddle: Approaching the Adolescent with an Unexpected Positive B-hCG PS Joseph Sisk, MD
12:00 - 1:00pm	WORKSHOP 2 - REGIONAL: Upper Extremity Blocks Sandy Kopp, MD, Daniel McMillan, MD, Stuart Grant, MB ChB	12:00 - 1:00pm	WORKSHOP 2 - REGIONAL: Lower Extremities Sandy Kopp, MD, Elisa Takalo, MD, Stuart Grant, MB ChB	12:00 - 1:00pm	WORKSHOP 2 - REGIONAL: Fascial Plan Blocks Daniel McMillan, MD, Monika Nanda, MD, Stuart Grant, MB ChB	12:00 - 1:00pm	PBLD - We Shall Overcome: Healthcare Disparities in Perioperative Medicine QI Elisa Takalo, MD
12:00 - 1:00pm	WORKSHOP 3 - Neuraxial Ultrasound Monika Nanda, MD	12:00 - 1:00pm	WORKSHOP 3 - One-Lung Ventilation Emily Teeter, MD	12:00 - 1:00pm	WORKSHOP 3 - Quantity vs. Quality: A Comparison of Various Neuromuscular Monitoring Devices Wade Weigel, MD	12:00 - 1:00pm	PBLD - An Ounce of Prevention is Worth a Pound of Cure: Anesthesia and Allergic Reactions PS Angela Robertson, CRNA
12:00 - 1:00pm	PROBLEM-BASED LEARNING DISCUSSION (PBLD) - Blood Patches Gone Wild: Indications and Considerations for Epidural Blood Patches PS Maryam Jowza, MD	12:00 - 1:00pm	PBLD - Labor Anesthesia: Best Practices to Have a Happy New Mom QI Lacey Straube, MD	12:00 - 1:00pm	PBLD - Ethical Dilemmas in Anesthesiology: Informed Consent, DNRs, and End-of-Life Care PS Daniel Rosenkrans, MD, Shawn Jia, MD		

ABA MOCA 2.0® Credits Key:
PS = Type 2 Patient Safety
QI = Type 4 Quality Improvement

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Please note: workshops require advance registration and are full. Please see CRC staff for availability.

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Shawn Jia, MD, Alan Smeltz, MD, Justin Sandall, MD

WORKSHOP 2 - REGIONAL: Upper Extremity Blocks Sandy Kopp, MD, Daniel McMillan, MD, Stuart Grant, MB ChB

WORKSHOP 3 - Neuraxial Ultrasound

Monika Nanda, MD

PROBLEM-BASED LEARNING DISCUSSION: Blood Patches Gone Wild: Indications and Considerations for Epidural Blood Patches PS

Maryam Jowza, MD

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PROBLEM-BASED LEARNING DISCUSSION:

Labor Analgesia: Best Practices to Have a Happy New Mom **QI**

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