

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**  
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11:45 - 12:00pm **Panel Discussion**  
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**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**  
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8:30 - 9:00am **Pro-Con: Opioid Free Surgery** **QI**  
 Maryam Jowza, MD / Irina Phillips, MD

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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**  
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11:15 - 11:45am **Monitoring and Antagonism of Neuromuscular Blockade: ASA Practice Guidelines** **PS**  
 Wade Weigel, MD

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**Friday, June 20th**

6:15 - 7:00am **Breakfast**

7:00 - 7:30am **Feeling the Pressure: Pain Management for Cesarean Deliveries** **PS**  
 Christine McKenzie, MD

7:30 - 8:00am **Batten Down the Hatches: Updates in Vascular Anesthesia** **QI**  
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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**  
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**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**  
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8:00 - 8:30am **The Future is Now!! AI and VR in Anesthesiology**  
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9:45 - 10:15am **Just Breathe: Overcoming Refractory Hypoxia** **QI**  
 Shawn Jia, MD

10:15 - 10:45am **Methadone: Beyond Addiction** **QI**  
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10:45 - 11:15am **Stop the Bleed: Managing Coagulopathies During the Perioperative Period** **PS**  
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11:15 - 11:45am **Safety First: Prudent Practices for Pregnant Patients** **PS**  
 Lacey Straube, MD

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

12:00 - 1:00pm **WORKSHOP 3 - Neuraxial Ultrasound**  
 Monika Nanda, MD

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 **WORKSHOP 1 - POCUS: Heart, Lung, Gastric**  
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 Wade Weigel, MD

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12:00 - 1:00pm **PBLD - UPT a Creek Without a Paddle: Approaching the Adolescent with an Unexpected Positive B-hCG** **PS**  
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 Angela Robertson, CRNA

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

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**PROBLEM-BASED LEARNING DISCUSSION:**

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

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