



13th Annual Wake Forest – UNC – Duke

Pediatric Anesthesiology Conference:

Best Practices in Pediatric Anesthesia Care

April 27, 2024

Bowman Gray Center for Medical Education
475 Vine St. \ Winston-Salem, NC



.....
A joint collaboration among



Wake Forest University
School of Medicine



UNC
SCHOOL OF MEDICINE



Duke University
School of Medicine

Register online at: NWAHEC.org/72133

COURSE DESCRIPTION

The purpose of the CME activity is to provide physicians, certified registered nurse anesthetists (CRNAs), anesthesia assistants (AAs), registered nurses, fellows and residents an up-to-date refresher on information, techniques and current research relevant to the practice of pediatric anesthesia. The goals of the CME activity will be accomplished with lectures and forums. The ultimate goal is to provide participants with tools and information that will improve the quality and safety of the care they provide to the pediatric patient in the perioperative setting.

POCUS WORKSHOP

NEW this year: We are offering a workshop on Point of Care Ultrasound (POCUS). There will be three small group sessions available, concurrent with lectures, which are anticipated to sell out (\$125 fee). Additional information specific to the workshop is available online at NWAHEC.org/72133.

TARGET AUDIENCE

Anesthesiologists, CRNAs, AAs, pediatric nurses, residents and fellows in anesthesiology, student nurse anesthetists and other health care professionals who care for the pediatric patient in the perioperative period.

LEARNING OBJECTIVES

The information presented at this educational activity should improve your ability to:

- Review the utility of POCUS skills and provide opportunity for a hands-on workshop.
- Apply current evidence for the selection of appropriate pediatric patients for free-standing surgical centers.
- Summarize pertinent medical issues relevant to providing anesthesia for obese pediatric patients.
- Develop independent plans for implementing quality improvement projects.
- Understand the rationale for TXA usage and be able to advocate for when to use or hold.
- Describe current concerns with adolescent chronic pain management and options for prevention.
- Implement strategies to increase environmental sustainability in their practice.
- Formulate a plan for management of anesthetic depth when intubating a child with a difficult airway.
- Identify current challenges in providing anesthetic care and options for responding to these challenges.
- Employ strategies to improve communication and interactions specific to pediatric patients.



PHYSICIAN CREDIT

Wake Forest University School of Medicine designates this live activity for a maximum of 8.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSE ANESTHETIST CREDIT

This program has been prior approved by the American Association of Nurse Anesthetists for 8.75 Class A CE credits; code number 1043841; expiration date April 27, 2024.

ACCREDITATION

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

ADA STATEMENT

Wake Forest University School of Medicine adheres to the Americans with Disabilities Act. Please contact the Department of Anesthesiology at 336-716-2712 about any special needs you may have for participation in and/or access to this educational activity.

CONTACT INFORMATION

For additional information, please contact Pamela Martin at 336-716-2712 or pdmartin@wakehealth.edu.



AGENDA

7:15-7:45 a.m.	Registration, Exhibitors and Breakfast	Noon	Optional Lunch and Learn: Updates in Adolescent Chronic Pain Prevention and Management Heather A. Columbano, MD <i>Lunch and Learn Fee is \$25</i>
7:45 a.m.	Introduction Shelly Pecorella, MD	1:10 p.m.	Dystocia 911: Countdown 30 minutes Kelly Varner, DVM, DACVAA
8 a.m.	Focus on POCUS: To Infinity and Beyond! Rohesh J. Fernando, MD	1:40 p.m.	Perioperative Sustainability: A Perioperative Journey to Reduce Carbon Emissions and Mitigate Climate Change Sandeep Narayan, MD, and Meghan Sweeney CRNA
8:15 a.m.	Main Campus or Down the Street? How to Decide the Best Surgical Location for the Pediatric Patient Marie J. Dunn, MSN, CRNA, and Nicole McBride, MSN, CRNA	2:10 p.m.	Secrets of Pediatric Anesthesia John B. Eck, MD
8:30 a.m.	Obesity in Pediatrics: How to Address a Big Problem M. Concetta Lupa, MD	2:40 p.m.	Panel – Anesthesiology: The New Times Are Here Kim Blasius, MD, Annery Garcia-Marcinkiewicz, MD, Sherry Bernardo, CRNA, and Timothy E. Smith MD
9 a.m.	Question and Answer Matthew McDaniel, MD	3:10 p.m.	Question and Answer Adam M. Suchar, MD
9:15 a.m.	Morning Break/Exhibitors	3:25 p.m.	Afternoon Break/Exhibitors
9:35 a.m.	UNC Global Anesthesia: Capacity Building in Malawi Janey R. Phelps, MD, FAAP	3:45 p.m.	Oh STAT! Learning from Errors in the Operating Room Joseph M. Sisk, MD, FAAP
9:50 a.m.	QI and You Susan R. Vishneski, MD	4 p.m.	All That Coughs is Not Asthma... or Foreign Bodies Matthew McDaniel
10:05 a.m.	Tranexamic Acid in Pediatric Anesthesia: An Update on Applications and Limitations Emily Funk, DNP, CRNA	4:15 p.m.	What's the Latest in Pediatric Anesthesia? Douglas R. Ririe, MD, PhD, MHA
10:20 a.m.	Methadone for Pediatric Perioperative Pain Management: Coming to an OR Near You! Lisa M. Einhorn, MD, FAAP	4:45 p.m.	Who Is in Control? Facilitating Cooperation in the Management of Pediatric Patients Timothy E. Smith, MD, and Richmond L. Griner II, CRNA, MSN
10:50 a.m.	Pediatric Airway Management: Where We are Now and a Look Into the Future Annery Garcia-Marcinkiewicz, MD	5:15 p.m.	Questions/Wrap-up Douglas R. Ririe, MD, PhD, MHA
11:35 a.m.	Question and Answer T. Wesley Templeton, MD, FASA	5:30 p.m.	Adjourn to Reception with Speakers at Incendiary Brewing <i>All attendees welcome!</i>
11:50 a.m.	Adjourn to Walk Over		

CONFERENCE LOCATION

Bowman Gray Center for Medical Education,
475 Vine St., Winston-Salem, NC 27101
Website: School.WakeHealth.edu/About-the-School/Facilities-and-Environment/Learning-Environment/Bowman-Gray-Center-for-Medical-Education

Bring a jacket or sweater in case the room feels cool to you.

ACCOMMODATIONS

Kimpton Cardinal Hotel
51 E. Fourth St., Winston-Salem, NC 27101
877-216-3448
\$199 per night

Ask for WFBMC Anesthesia Conference Rate

FACULTY

Wake Forest University School of Medicine

Heather A. Columbano, MD

Assistant Professor of Anesthesiology

Rohesh J. Fernando, MD

Associate Professor of Anesthesiology

Richmond L. Griner II, CRNA, MSN

Atrium Health Wake Forest Baptist

Nicole McBride, MSN, CRNA

Atrium Health Wake Forest Baptist

Douglas G. Ririe, MD, PhD, MHA

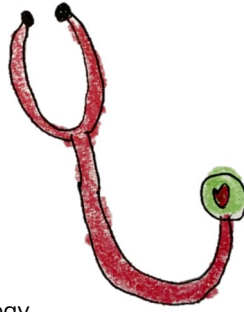
Professor and Interim Chair of Anesthesiology

Timothy E. Smith, MD

Clinical Professor of Anesthesiology

T. Wesley Templeton, MD, FASA

Professor of Anesthesiology



UNC at Chapel Hill School of Medicine

M. Concetta Lupa, MD

Professor of Anesthesiology and Pediatrics

Janey R. Phelps, MD, FAAP

Professor of Anesthesiology and Pediatrics

Joseph M. Sisk, MD, FAAP

Associate Professor of Anesthesiology and Pediatrics

Adam M. Suchar, MD

Assistant Professor of Anesthesiology and Pediatrics

Duke University School of Medicine

John B. Eck, MD

Associate Professor of Anesthesiology and Pediatrics

Emily Funk, DNP, CRNA

Assistant Clinical Professor

Lisa M. Einhorn, MD, FAAP

Assistant Professor of Anesthesiology

Matthew McDaniel, MD

Assistant Professor of Anesthesiology

Children's Hospital of Philadelphia

Annery Garcia-Marcinkiewicz, MD

Assistant Professor of Anesthesiology and Critical Care

NC State College of Veterinary Medicine

Kelly Varner, DVM, DACVAA

Assistant Clinical Professor

POCUS Faculty

Lan Chi Tran, MD

Casey Bryant, MD

Martina Downard, MD

Mary Ellingboe, MD

Sarah Kittner, MD

Madhankumar Sathyamoorthy, MD

Scope Anesthesia of North Carolina

Sherry Bernardo, DNP, MHA, CRNA

Director of Anesthesia Clinical Quality/Practice

Kim Blasius, MD

Chief Academic Officer

Sandeep Narayan, MD

Professor of Anesthesiology

Meghan Sweeney, MSN, CRNA

Course Directors

Shelly H. Pecorella, MD

Assistant Professor of Anesthesiology

Wake Forest University School of Medicine

Marie J. Dunn, MSN, CRNA

Atrium Health Wake Forest Baptist

Susan R. Vishneski, MD

Assistant Professor of Anesthesiology

Wake Forest University School of Medicine

REGISTRATION

Register online at: NWAHEC.org/72133

Registration Fees BEFORE March 1, 2024

MD, DO	\$330
CRNA, CAA, Other Health Care Professionals	\$245
RN	\$160
Trainees	\$130

Registration Fees ON/AFTER March 1, 2024

MD, DO	\$380
CRNA, CAA, Other Health Care Professionals	\$285
RN	\$180
Trainees	\$130

Cancellation Policy

Registration cancellation deadline is March 27, 2024, at midnight. Cancellations prior to deadline will receive a full refund. No refunds will be issued after deadline. All cancellations should be in writing (fax, email or postmarked mail). No substitutions.

Optional Activities and Fees

Lunch and Learn	\$25
Point of Care Ultrasound Workshop.....	\$125



Optional POCUS Workshop (additional hands-on concurrent session)

Introduction to Perioperative Adult and Pediatric POCUS

Point of Care Ultrasound (POCUS) assessment has emerged as a rapid and accurate way to evaluate patients to facilitate clinical decision-making. This hands-on workshop is designed to introduce the utility of perioperative Point-of-Care Ultrasound (POCUS) as an assessment tool. It aims to provide experiential training in the application of POCUS for both adult and pediatric patients. This comprehensive workshop will introduce lung, cardiac, gastric, and FAST (Focused Assessment with Sonography for Trauma) examinations.

The workshop is structured into several mini-sessions, designed to maximize scanning time and maintain a low instructor-to-learner ratio. Participants will improve confidence in the utilization of the latest ultrasound equipment and popular handheld ultrasound devices.

Key Highlights:

- Hands-on scanning sessions featuring live adult and pediatric models
- Personalized learning with ample time for questions and feedback from experienced faculty and ASA-recognized POCUS mentors
- Exploration of the distinctions between adult and pediatric POCUS
- Establishing case-log for the ASA's Diagnostic POCUS Course

Educational Objectives:

By the end of this workshop, participants will improve their ability to:

- Integrate POCUS skills into their clinical practice
- Perform lung POCUS and Focused Assessment with Sonography for Trauma (FAST) examinations
- Conduct intravascular volume assessments in both adult and pediatric patients
- Assess NPO (Nil Per Os) status
- Perform Focused Assessment with Sonography for Trauma (FAST) examinations
- Utilize cutting-edge ultrasound equipment
- Discuss how POCUS can bring added value to their practice

Target Audience:

This course is tailored for a diverse group of learners, including those seeking a basic introduction to POCUS, individuals on the ASA POCUS course looking for mentorship or to increase case-logs, and certified POCUS learners seeking to gain more experience in pediatric POCUS.