

24th Annual Advances in Physiology and Pharmacology in Anesthesia and Critical Care

WAKE UP dates

October 27, 2018 \ Workshops
October 27–30, 2018 \ General Session

The Westin Hilton Head Island Resort & Spa
Hilton Head Island, S.C.

Welcome to the 24th annual meeting of Advances in Physiology and Pharmacology in Anesthesia and Critical Care presented by the Department of Anesthesiology of Wake Forest School of Medicine. We have an outstanding faculty that will present current information of scientific and clinical importance. These presentations will aid in the understanding of new techniques, equipment and patient management issues facing today's practitioners of anesthesia and critical care medicine. We provide time for discussion, questions and answers after each series of lectures. You also have the opportunity to attend an Airway Workshop or participate in an Ultrasound Vascular Access Workshop. Furthermore, our popular special lecture on Saturday provides an opportunity for you and your guest to hear renowned speakers on interesting national issues. Sunday evening will feature a lively Pro/Con debate. Whether you use sugammadex routinely or prefer to restrict its use, this will be an informative and entertaining evening for you!



Kenneth E. Nelson, MD
Director, Program Committee

Target Audience

This course will provide expert knowledge on innovative/basic physiologic principles and pharmacologic techniques for physicians, resident physicians, nurse anesthetists and student nurse anesthetists, as well as pharmacologists, pharmacists and other health care providers.

Accreditation

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

Registration

To register online, go to www.nwahec.org/54627. If paying by check, please mail the registration form and check to the Office of Continuing Medical Education, Wake Forest School of Medicine, Medical Center Boulevard, Winston-Salem, NC 27157-1028. Checks should be made payable to Wake Forest University Health Sciences. For further information, call Pam Martin at 336-716-2712 or email Pam at pdmartin@wakehealth.edu.

Cancellation Policy

The registration cancellation deadline is September 14, 2018, beyond which no refunds will be issued. Meeting cancellation must be received in writing by September 14, 2018, in order to receive a full refund less a \$75 administrative charge. Hotel reservations must be cancelled five business days prior to arrival; failure to cancel forfeits your deposit.

Physician Credit

The Wake Forest School of Medicine designates this live activity for a maximum of 24.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

General Session: A maximum of 19.25 *AMA PRA Category 1 Credits™*

Airway Workshop: Ancillary Tools and Adjuncts: A maximum of 3 *AMA PRA Category 1 Credits™*

Ultrasound Vascular Access Workshop: A maximum of 2.25 *AMA PRA Category 1 Credits™*

WakeHealth.edu/anes-cme-annual-meeting

CRNA Credit

General Session: This program has been prior approved by the American Association of Nurse Anesthetists for 19.25 Class A CE credits; Code Number 1036321; Expiration Date, October 30, 2018.

Airway Workshop: Ancillary Tools and Adjuncts: This program has been prior approved by the American Association of Nurse Anesthetists for 3 Class A CE credits; Code Number 1036239; Expiration Date, October 27, 2018.

Ultrasound Vascular Access Workshop: This program has been prior approved by the American Association of Nurse Anesthetists for 2.25 Class A CE credits; Code Number 1036224; Expiration Date, October 27, 2018.

Conflict of Interest Policy

It is the policy of Wake Forest School of Medicine to require disclosure of any significant financial interest or any other relationship a faculty member or planning committee member has with the manufacturer(s) of any commercial products or services discussed in an educational presentation. This information can be found in the syllabus.

Special Needs

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

Location and Resort Information

Hilton Head Island is one of the premier beach resort islands in the United States. Located off the southernmost tip of South Carolina, it has over 12 miles of sandy beaches, world-class golf and tennis facilities, and is suffused with the warm southern hospitality of the Carolina low country.

The Westin is located on a stretch of sugar-white sand along the Atlantic Ocean. Relax on the sandy beaches as you feel the warm ocean breezes, challenge yourself at one of the three Port Royal championship golf courses, play an invigorating match on the award-winning tennis courts, take a bicycle ride along the beaches of the Atlantic, relax by one of the pools or revitalize your spirit at the Heavenly Spa by Westin™. When it comes time to nourish your body, dine where low-country style meets high cuisine at Oceans or the Carolina Cafe. Hilton Head Island boasts more than 250 restaurants representing a wide variety of cultures and tastes.

Accommodations

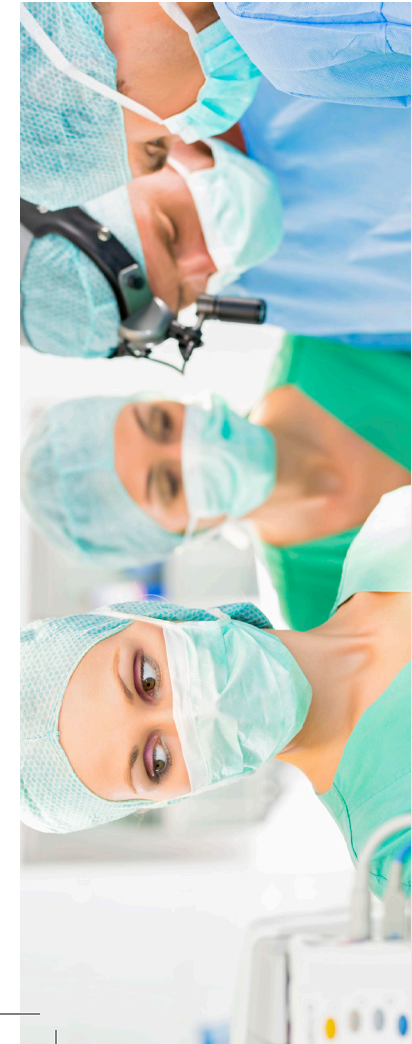
Book your Westin reservations 24/7 online at <https://book.passkey.com/event/49594275/owner/49229302/home> or by calling 1-800-WESTIN1.

Room reservations must be made prior to 5 pm, **Friday, Sept. 28, 2018**, to guarantee the WFSM discounted room rate. Resort check-in is at 4 pm and check-out is at noon. These special rates are valid three days prior to and three days after the conference based on availability at the time of reservation. Please mention **Wake Forest Conference** when booking by telephone. A credit card is required for confirmation of reservation with one night's deposit.

Resort View Room.....	\$195 per night*
Ocean View Room	\$219 per night*

*Additional charges include local taxes (10%), \$22 resort fee per room/per night, and a tourism fee of \$2 per night. Resort charges \$25 each for third and fourth guest sharing a room (excluding children under 18). An early departure fee of one night's room and tax will apply if group attendee checks out prior to the confirmed checkout date. Cancellation policy is five days prior to arrival. A charge of one night's room and tax will be charged for any cancellations within five days of arrival.

THE WESTIN
HILTON HEAD ISLAND
RESORT & SPA



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The Westin Hilton Head Island Resort & Spa \ Hilton Head Island, S.C.
www.westinliltonheadisland.com

Program Committee

Kenneth E. Nelson, MD, Director
Roger L. Royster, MD
Angela F. Edwards, MD
Drew A. MacGregor, MD
Scott A. Miller, MD
Benjamin N. Morris, MD

J. Wells Reynolds, MD
Douglas G. Ririe, MD, PhD
John A. Thomas, MD
Sue Saunders
Pam Martin

WakeHealth.edu/anes-cme-annual-meeting



Saturday, October 27, 2018

9:30–9:45 am	Registration
9:45–Noon	Ultrasound Vascular Access Workshop
12:30–1 pm	Registration
1–4 pm	Airway Workshop
4:15–5:15 pm	Registration
5:15–6:30 pm	Special Lecture – Welcome and Introduction: Kenneth E. Nelson, MD The Neuroscience of Mindfulness Meditation and Pain: An Integration of Science and Practice <i>Fadel Zeidan, PhD</i>
6:30–7:30 pm	Welcome Reception <i>(Spouses/Guests are invited to Special Lecture and Welcome Reception)</i>

Sunday, October 28, 2018

6:15 am	Registration/Continental Breakfast
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Session 1: Thoracic Park

Angela F. Edwards, MD - Moderator

7–7:35 am	e-Cigs and Vapes: for Better or Worse? <i>Drew A. MacGregor, MD</i>
7:35–8:10 am	What are All These Ventilator Modes and What Can They Do For Me? <i>Benjamin N. Morris, MD</i>
8:10–8:45 am	Report Cards for the Anesthesia Provider. What are Your Grades? <i>Scott T. Reeves, MD</i>
8:45–9:15 am	Question & Answer
9:15–9:30 am	Break

Session 2: Current Issues in Obstetric Anesthesia

Benjamin N. Morris, MD - Moderator

9:30–10:05 am	Is It Time to Abandon Left Uterine Displacement? <i>Kenneth E. Nelson, MD</i>
10:05–10:40 am	The Changing Parturient: Older, Sicker, and Larger <i>John A. Thomas, MD</i>
10:40–11:15 am	Are All Pregnant Women Really Full Stomachs? <i>B. Scott Segal, MD</i>
11:15–Noon	Question & Answer
5–6:30 pm	Pro/Con Debate: – Sugammadex Reversal Should Be Routine! <i>Scott A. Miller, MD: PRO, Benjamin N. Morris, MD: CON</i> <i>Drew A. MacGregor, MD Moderator</i>

Monday, October 29, 2018

6:30 am	Registration/Continental Breakfast
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Session 3: Improving Safety and Outcomes

John A. Thomas, MD - Moderator

7–7:35 am	Modern Airway Evaluation: From Mallampati to Computerized Facial Analysis <i>B. Scott Segal, MD</i>
7:35–8:10 am	Human Error and Teamwork in the Cardiac Operating Room <i>Scott T. Reeves, MD</i>
8:10–8:45 am	OR Attire, Room Traffic, Hand Hygiene: What is the Evidence? <i>B. Scott Segal, MD</i>
8:45–9:15 am	Question & Answer
9:15–9:30 am	Break

Monday, October 29 (continued)

Session 4: Contemporary Issues in Regional Anesthesia

Kenneth E. Nelson, MD - Moderator

9:30–10:05 am	ASRA Practice Advisories Update <i>Joseph M. Neal, MD</i>
10:05–10:40 am	Thoracic Epidural Analgesia: New Techniques and Management <i>J. Wells Reynolds, MD</i>
10:40–11:15 am	Most Significant Advances Over a Three Decade Career in Regional Anesthesia <i>Joseph M. Neal, MD</i>
11:15–Noon	Question & Answer

Session 5: Pearls, Pitfalls, and Progress

J Wells Reynolds, MD - Moderator

4:30–5:05 pm	Health Professionals: How to Plan for the Next Phase in Your Life <i>Drew A. MacGregor, MD</i>
5:05–5:40 pm	Antibiotics for Anesthesia <i>Benjamin N. Morris, MD</i>
5:40–6:15 pm	Positioning Pearls and Pitfalls <i>Angela F. Edwards, MD</i>
6:15–6:45 pm	Question & Answer

Tuesday, October 30, 2018

6:30 am	Registration/Continental Breakfast
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Session 6: Top Fives

Scott A. Miller, MD - Moderator

7–7:35 am	Top Five Reasons to Use Spinal 2-Chloroprocaine <i>Kenneth E. Nelson, MD</i>
7:35–8:10 am	Top Five Things You Should Know About Anesthesia- ACLS (A - ACLS) <i>John A. Thomas, MD</i>
8:10–8:45 am	Top Five Regional Anesthetics for Orthopedic Surgery <i>J. Wells Reynolds, MD</i>
8:45–9:15 am	Question & Answer
9:15–9:30 am	Break

Session 7: Insights, Innovations, and Interventions

Douglas G. Ririe, MD PhD - Moderator

9:30–10:05 am	Anesthesia on the Edge: Keeping Remote Site Anesthesia Safe <i>Andrea J. Strathman, MD</i>
10:05–10:40 am	Inattentional Blindness and How to Better Focus on Patient Care <i>Chandrika R. Garner, MD</i>
10:40–11:15 am	Neuroanesthesia for the Occasional Neuroanesthetist <i>Scott A. Miller, MD</i>
11:15–Noon	Question & Answer

Workshops Limited Space

Ultrasound Vascular Access Workshop

J. Wells Reynolds, MD, Director

Saturday, October 27, 2018

9:30–9:45 am	Registration
9:45 am–Noon	Ultrasound Vascular Access Workshop

Ultrasound technology has made it possible to image and identify veins, arteries and neural structures that can facilitate safe and rapid vascular access in the difficult patient. This workshop is designed to provide education and skills training to medical personnel who are tasked with vascular cannulation. From routine central venous catheter placement to challenging peripheral intravenous and arterial line establishment, the ultrasound is a valuable tool.

Airway Workshop: Ancillary Tools and Adjuncts

Scott A. Miller, MD, Director

Saturday, October 27, 2018

12:30–1 pm	Registration
1–4 pm	Airway Workshop

The airway workshop will allow participants to get the most up-to-date information on current alternative airway tools. Participants will get hands-on experience with video laryngoscopy, fiber-optic laryngoscopy, the intubating light wand and the intubating LMA. The Wake Forest School of Medicine faculty selected to lead this workshop are very experienced using all of these tools.

Guest Faculty

Joseph M. Neal, MD

*Anesthesiology Faculty
Virginia Mason Medical Center
Clinical Professor of Anesthesiology
University of Washington*

Scott T. Reeves MD

*Professor and Chairman
Anesthesia and Perioperative Medicine
Medical University of South Carolina*

Fadel Zeidan, PhD

*Assistant Professor of Neurobiology and Anatomy
Associate Director of Neuroscience at the Wake
Forest Center for Integrative Medicine*

Faculty

Wake Forest School of Medicine Department of Anesthesiology

Angela F. Edwards, MD

Associate Professor

Chandrika R. Garner, MD

Assistant Professor

Drew A. MacGregor, MD

Professor

Scott A. Miller, MD

Associate Professor

Benjamin N. Morris, MD

Assistant Professor

Kenneth E. Nelson, MD

Associate Professor

J. Wells Reynolds, MD

Associate Professor

Douglas G. Ririe, MD, PhD

Professor

Roger L. Royster, MD

Professor and Vice Chairman

B. Scott Segal, MD, MHCM

Professor and Chairman

Andrea J. Strathman, MD

Assistant Professor

John A. Thomas, MD

Associate Professor

Registration Form (Print clearly)

Advances in Physiology and Pharmacology in Anesthesia and Critical Care

October 27–30, 2018

Name _____

MD CRNA Other (specify) _____

Name badge should read _____

Last 4 digits of SS# (required) _____ AANA # (required) _____

Institution _____

Address _____ Home Office

City/State/Zip _____

Email (required) _____

Daytime Phone _____

Workshops			
		<i>Please Check</i>	
		By Sept. 14	After Sept. 14
Sat. Oct. 27 9:45 am–Noon	<input type="checkbox"/> Ultrasound Vascular Access Workshop <i>(limited to 20)</i>	\$240	\$290
Sat. Oct. 27 1–4 pm	<input type="checkbox"/> Airway Workshop: Ancillary Tools and Adjuncts <i>(limited to 20)</i>	\$340	\$390
General Session			
Oct. 27–30	<input type="checkbox"/> Physicians	\$710	\$760
	<input type="checkbox"/> Nurse Anesthetists and Other Medical Professionals	\$670	\$715
	<input type="checkbox"/> Residents and Student Nurse Anesthetists <i>(letter from program director required)</i>	\$200	\$225
Total Fee(s) Enclosed			

Two ways to register:

1. Online: www.nwahec.org/54627

2. Mail to: Office of Continuing Medical Education
Wake Forest School of Medicine
Medical Center Boulevard, Winston-Salem, NC 27157-1028
Make check payable to: Wake Forest University Health Sciences

For general meeting information, contact Pam Martin at 336-716-2712 or by email, pdmartin@wakehealth.edu

Early Registration and Cancellation Deadline: Friday, September 14, 2018