



The Sanderling Situated between the shores of the majestic Atlantic Ocean and the Currituck Sound, and close to Duck, North Carolina, The Sanderling Resort and Spa is the perfect Outer Banks retreat and the recipient of numerous awards and accolades. The Sanderling Resort offers access to the beautiful beaches and scenery as well as a luxurious spa, salon and fitness center. Enjoy the indoor and outdoor pools, as well as beach chairs and umbrellas. Concierge services are available to help with reservations for restaurants and activities. If you'd rather play a relaxing game of golf, The Currituck Club is only six miles north. All guest rooms feature amenities such as furnished balcony, flat screen television, mini fridge, coffee maker, robes, beach towels, iron, and clock/radio with CD and MP3 Player. The North Inn is adjacent to the Conference Center and guests will enjoy room views of the protective dunes or a rock garden with a pond. 1 King bed or 2 Queen beds are based on availability. Run of Limited Sound/Ocean View rooms will be located in the hotel's choice of the north, south or Main Inn buildings and feature 1 king bed. The Main Inn houses the resort's reception area. The Main Inn Ocean front rooms feature 1 King bed and provide views of the Atlantic Ocean over the scenic sand dunes from your balcony. Here you have the best opportunity to see porpoises at play or sip sail by.

HOTEL RATES: A portion of the room rate is used to partially offset the cost of refreshments served during the meeting for participants only. **This location sells out early every year! Book now to avoid disappointment!**

- Sunset Room:** 1 King bed \$290
Sunset Room: 2 Queen beds \$290*

Premium Room: 1 King bed
+ Queen sofa sleeper: \$300*
- Oceanside Room:** 1 King bed: \$300
Oceanside Room: 2 Queen beds: \$300*

Oceanview Room: 1 King bed \$365
Oceanview Room: 2 Queen beds \$365*
- Rates are for single-quad occupancy plus 12.75% tax and \$30 plus tax per room, per day resort fee.
 - Rooms with two beds are very limited. Max four people per room.
 - Some room types can accommodate a rollaway bed, based on availability for a charge of \$35 plus tax per night.
 - All rooms are non-smoking.
- *Extremely limited**

PLEASE NOTE: If you need elevator access, the South Inn and North Inn are the only buildings with an elevator. Choose the Sunset, Oceanside, Oceanview room types and please let us know you need elevator access or ground floor accommodations at time of booking.

RESORT FEE: The taxable nightly Resort Fee includes gratuity for housekeeping and all Guest Service staff including the bell, valet, concierge, front desk and beach. In addition, it includes wireless internet, parking, newspapers, morning coffee and tea, access to the steam room and indoor pool, fitness center, beach chairs and umbrellas. **Resort fee inclusions subject to change without notice.**

DEPOSIT REQUIRED: Credit card required at time of booking to hold room. Full amount for entire stay plus tax required no later than May 3, 2017 and credit card will be charged. Rooms are limited and available only through Northwest-Worldwide Travel. Rate and availability not guaranteed until deposit received.

CANCELLATIONS: Cancellations or change of reservation accepted without penalty until May 16, 2017, less a \$25 administrative fee. After May 16, 2017 you will be charged for the entire reserved stay plus tax. This includes shortening your stay, no-show or changing room type. Hotel policy – No exceptions allowed for any reason. **Travel insurance is recommended.**

COURSE DIRECTOR: Mark T. Murphy, MD, MSN Education, Austin, Texas, and Medical Director, Northwest Anesthesia Seminars, Pasco, Washington

TARGET AUDIENCE: This course is designed for physicians, certified registered nurse anesthetists, physician assistants, nurse practitioners, registered nurses and other medical care providers who must maintain state-of-the-art knowledge of the specialty or are impacted by it.

PROGRAM PURPOSE: The practitioner of anesthesiology must possess the scientific background for clinical practice; maintain state-of-the-art knowledge of not only the specialty, but also of all additional related disciplines which may impact it; maintain an up-to-the-minute armamentarium of knowledge and skills for the selection and use of complex equipment, pharmacological agents, and procedures necessary for the provision of quality patient care; manage self and colleagues to function toward common goals in the clinical setting, the clinical and educational institutions, and the community in which the practice resides; serve as an expert in matters involving health care delivery; serve as an informed manager of clinical and educational services provided, including the acquisition and distribution of resources necessary in meeting professional goals; and provide assistance with and support of other service providers, departments, institutions, and organizations dependent upon the professional expertise of the practitioner. Presentations are designed to facilitate the physician, nurse specialist, and other providers maintaining skills of the same kind to review and update knowledge and abilities in one or more of these areas vital to the practicing professional.

OBJECTIVES: At the conclusion of this activity, the participant will be able to:

Apply the pertinent physical and behavioral sciences—to include but not be limited to advanced anatomy and physiology, pathophysiology, chemistry, physics, psychology, and social sciences—as they impact and are affected by the planning, delivery, and monitoring of anesthesia and related services inherent in the anesthesia professions.

Explain the selection, dosing considerations with methods of administration, safe use, and contraindications and precautions of presented pharmacological agents through the understanding of their physicochemical properties, pharmacokinetics and pharmacodynamics, updated uses, and more recently developed additional, related, and similar drugs.

Outline comprehensive management plans for the group of patients discussed, whether related in age, physical status, cultural background, invasive procedure, anesthetic or analgesic requirements, clinical setting, adverse reactions, and/or goals of care.

Apply the principles of safety and asepsis in the performance of anesthetic procedures and administrations, equipment use, and other applications encountered during the provision of anesthesia and analgesia whether in the surgical unit, the labor and delivery suite, the pain management clinic, or other more remote location of anesthetizing services.

Incorporate the appropriate recommendations and/or requirements of pertinent external organizations, institutions, and professional groups—recognized as serving as the authority for and/or holding the responsibility to compile and approve such tenets—in the provision of anesthesia and related services, whether medical, legal, philosophical, ethical, or health care management standards.

Apply the new techniques in the clinical setting of the participant.

ACCREDITATION: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health and Northwest Anesthesia Seminars. The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health is accredited by the ACCME to provide continuing medical education for physicians.

The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health designates this live activity for a maximum of 20 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Anesthesiology: CME credit will be sent directly to The American Board of Anesthesiology to fulfill the Part 2 requirement for the Maintenance of Certification in Anesthesiology Program (MOCA®).

Anesthesiologist Assistants: The National Commission for Certification of Anesthesiologist Assistants (NCCAA) will accept CME credit for programs approved for continuing medical education by the AMA, AAPA, and ACCME.

Canadian Physicians: This activity is eligible for Section 1 credits in the Royal College's Maintenance of Certification (MOC) Program. Participants must log into MAINPORT to claim this activity.

Certified Registered Nurse Anesthetists: This program has been prior approved by the AANA for 20 Class A CEC; AANA Code #1033638; Expiration Date 6/8/2017.

Nurse Practitioners: The American Academy of Nurse Practitioners Certification Program (AANPCP) and the American Nurses Credentialing Center (ANCC) accept CME from organizations accredited by the ACCME.

Osteopathic Physicians: This program is eligible for Category 2 credit with the American Osteopathic Association (AOA).

Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 20 hours of Category I credit for completing this program.

Registered Nurses: NWAS is an approved provider for the following state nursing boards: California Board of Registered Nursing (Provider Number 4833), District of Columbia Board of Nursing (Provider Number 50-7480), Florida Board of Nursing (Provider Number 50-7480), and the Georgia Board of Nursing (Provider Number 50-7480). This program offers 20 contact hours.

†Pharmacology hours subject to change.



Duck The Outer Banks of North Carolina are a 200 mile long strip of barrier islands. Beautifully natural, they were formed by centuries of wind, water, and sand blown from the Atlantic Ocean. From Duck down to Hatteras, each town and island along the banks offers a unique experience not soon forgotten. Determining the origin of many Outer Banks town names is a study of history and sometimes even pirate lore.

As for Duck's namesake, it's exactly what you might expect. Hunters and gatherers have been flocking to the area since the 1800s for its abundant waterfowl. Incorporated in 2002, Duck is the Outer Bank's newest town, but already owns an impressive reputation for great beaches, water sports, outdoor adventures, fine dining, and eclectic shopping. The beaches, many named among the top in the nation, are private and afford great shell collecting opportunities.

Despite phenomenal growth in the past few years, Duck still feels like a charming resort town. Be sure to spend some time on the popular walking/cycling trail that runs parallel to Highway 12, especially at sunrise or sunset. Cape Hatteras National Seashore and lighthouses are a part of the many other points of interest of the barrier islands. The Outer Banks is easily accessible from Norfolk International Airport (82 miles north), Newport News, Virginia (120 miles north), or Raleigh Durham International Airport (192 miles west). A rental car is highly suggested for this location.

We have a block of rooms for seminar participants. Once this block is sold, rooms are based upon availability only and may be at a higher rate. To make reservations, please visit our website: www.nwas.com or call (800) 222-6927.

Call Universal Travel for your airfare needs. Be sure to mention Northwest Anesthesia Seminars when booking. Booking fee applies. Contact Kellee Kilmer: Phone: (858) 456-7887 or E-mail: kellee@universaltavel1.com

www.nwas.com info@nwas.com
(800) 222-6927 (509) 547-7065

Rev. 2/13/17

SCHEDULE			
Monday, June 5			
0700	Registration – Mandatory Sign In – Continental Breakfast		
0725	Welcome		NWAS Staff
0730	Nuclear, Biological and Chemical Bioterrorism: An Update for the Anesthesia Provider: Are You Ready?	L.Guzzi	
0830	Blast Injuries and Acute Lung Injury: An Anesthesia and Critical Care Review	L.Guzzi	
0930	Break		
0945	Austere Anesthesia: Where Did the Anesthesia Machine Go?	L.Guzzi	
1045	Hyperlactemia and Anesthesia	R.Ing	
1145	Anesthesia Jeopardy for the Child With Cardiac Disease	R.Ing	
1245	Adjourn	1.2 Pharmacology	
Tuesday, June 6			
0700	Registration – Mandatory Sign In – Continental Breakfast		
0730	Noncardiac Anesthesia for Children With Congenital Heart Disease	R.Ing	
0830	Neurotoxicity of Anesthetic Agents in the Immature Brain	R.Ing	
0930	Break		
0945	Understanding Basics of Acid/Base	L.Guzzi	
1045	Treatment and Management of Acid Base and Case Studies	L.Guzzi	
1145	The AHA Effect: 2014 ACC/AHA Guideline on Perioperative Cardiovascular Evaluation and Management of Patients Undergoing Surgery	C.Goldstein	
1245	Adjourn	1.2 Pharmacology	
Wednesday, June 7			
0700	Registration – Mandatory Sign In – Continental Breakfast		
0730	The New Kid on the Block I: TAVR Overview and Anesthetic Considerations	C.Goldstein	
0830	Hypoxemia in the Perioperative Setting: The Alveolar Gas Equation Put to Work for You	C.Goldstein	
0930	Break		
0945	Problem-Based Learning: Plastic Bronchitis for Bronchoscopy	R.Ing	
1045	The Critically-Ill Infant for Anesthesia	R.Ing	
1145	Infectious Disease and Risk for the Anesthesia Provider: Hepatitis, HIV, MRSA, The New Threats	L.Guzzi	
1245	Adjourn	1.1 Pharmacology	
Thursday, June 8			
0700	Registration – Mandatory Sign In – Continental Breakfast		
0730	The Future is Now: ERAS (Enhanced Recovery After Surgery)	C.Goldstein	
0830	Back to the Future: Noninvasive and Invasive Goal-Directed Therapy Principles Used in ERAS	C.Goldstein	
0930	Break		
0945	The New Kid on the Block II: Sugammadex: Overview and Clinical Use	C.Goldstein	
1045	The Anesthesia Record: Documentation and Clarity	L.Guzzi	
1145	A Perioperative Event Has Occurred: Defense and Litigation	L.Guzzi	
1245	Adjourn	1.3 Pharmacology	
20 CME I / 20 CEC / 4.8 Pharmacology Hours†			
Children and non-registered guests are not allowed to attend the lectures.			

To register for this program and reserve your hotel room, please visit our website: www.nwas.com or call (800) 222-6927.

NWAS

Northwest Anesthesia Seminars

Continuing Education for the Anesthesia Professional

Topics in Anesthesia

Duck, North Carolina

June 5-8, 2017

 BaylorScott&White HEALTH A. WEBB ROBERTS CENTER FOR CONTINUING MEDICAL EDUCATION	FACULTY Louis Guzzi, MD Attending in Anesthesia and CCM Clinical Professor of Anesthesia and CCM Florida State University School of Medicine FHMG Medical Group Orlando, Florida Joseph Christopher Goldstein, MD Acting Assistant Chief, Department of Anesthesiology Director of Medical Informatics Director of Anesthesia Clinical Affairs Department of Veterans Affairs, NF/SG VHS Co-Director TAVR-Program Department of Anesthesiology Department of Veterans Affairs, NF/SG VHS Gainesville, Florida Richard John Ing, MD Associate Professor, Children's Hospital Colorado University of Colorado Health Science Center Department of Anesthesiology Anschutz Medical Campus Aurora, Colorado
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Course Registration		17JNC		
TUITION: In USD		MD/DO	CRNA/PA	RN/Others
Early	(Paid by 3/7/17)	\$950	\$900	\$800
Regular	(Paid after 3/7/17)	\$1000	\$950	\$850
Daily		\$255	\$243	\$218

PAYMENT METHODS:
Payment methods accepted for tuition include Visa, Mastercard, American Express, Discover, check, or money order in US funds, payable to NWAS.

SCHEDULE AND FACULTY CHANGES:
Factors beyond our control sometimes necessitate changes in the schedule and faculty. If time permits, we will inform all registrants of any changes prior to the program. Changes on site due to local conditions will be announced in class.

COURSE CANCELLATION BY PROVIDER:
We reserve the right to cancel a course for any reason. In such case, a minimum of 30 days notice will be given to those registered and 100% of tuition paid will be refunded. NWAS and NWWT will not be responsible for any non-refundable airfare, hotel, or other liabilities you may incur. **We highly recommend purchase of travel insurance. Travel at your own risk.**

COURSE CANCELLATION FEE:
\$100 April 6, 2017 to May 6, 2017. No refund after May 6, 2017; however, 50% of tuition paid may be applied toward tuition for another NWAS program within the next 12 months. **Cancellation must be made in writing.**

FAP (FREQUENT ATTENDEE POINTS):
FAP lets you accumulate points based on dollars spent with NWAS including net hotel and tuition booked through NWAS (but not air). Once you have enough points to cover a full tuition they can be redeemed for tuition (no cash value). A great program to reward you for supporting NWAS.

ERRONEOUS PRICING NOTICE:
Northwest Anesthesia Seminars, Northwest Seminars, and Northwest World Wide Travel reserves the right not to honor any published prices or coupons that it determines were erroneous due to printing, electronic, or clerical error.