



**Greenbrier Resort:** The story of The Greenbrier begins at the spring of sulphur water that remains at its center, issuing forth below the green dome of the white-columned Springhouse that has been the symbol of The Greenbrier for generations. Since 1778, people have come to “take the waters” to restore their health. In its first 125 years, the resort was known as White Sulphur Springs.

The Greenbrier was put to different use by the U.S. government as an internment facility and military hospital during the Civil War and World War II. In the 1950s, it was expanded to be used as an emergency bunker for Congressmen in case of nuclear attack. Tours of this facility are available. As a National Historic landmark, The Greenbrier's classic architecture, exquisite interior design, carefully sculpted landscape, impeccable service, and outstanding amenities have hosted distinguished guests from around the world.

The Greenbrier's excellence is perhaps most clearly defined by its fine dining. With three championship courses, The Greenbrier is unmatched in its dedication to golfers. The Casino Club at The Greenbrier mixes world-class gaming, live entertainment, and designer boutiques to create a grand casino experience. Spa treatments here take great attention to natural healing, perfect for recuperating after shopping at The Greenbrier's 30 delightful stores.

**Note:** The Greenbrier Dress Code is an important complement to the standards that guests expect and which distinguish this resort. The Resort hopes that you will observe these requirements. See more: <http://www.nwas.com/whitesulphursprings/17DWV.html>

**HOTEL RATES:** A portion of the room rate is used to partially offset the cost of refreshments served during the meeting for participants only.

**Run of House Guest Room: \$225** (1 King bed or 2 Double beds)  
**Superior Guest Room: \$255** (1 King or 2 Double beds) **(LIMITED)**  
**Spring Row Cottage: \$415** (1 King or 2 Double beds + sofa sleeper) **(LIMITED)**

**Rates plus 6% tax and 3% occupancy tax. An additional \$50 per adult, per night will apply for triple or quad occupancy. \$25 per room per day resort fee applies (reduced from \$35 per room, per day for those who book their room through NWAS/NWWT only.)**

All guest rooms feature a TV, clock radio/CD player, refreshment bar, hair dryer, iron/board, robes, in-room safe, and more. Superior Rooms are approximately 400 sq. ft. The Spring Row Cottages feature a porch, fireplace, parlor, wet bar, dressing area, and large bathroom. Cottages can accommodate 2 to 6 people.

**Resort Fee Includes:** Morning coffee service, afternoon tea, historical tours, on-property transportation, daily newspaper delivery, champagne toast in the Casino Club each evening, local and toll free phone calls, wireless Internet access, use of indoor swimming pools, fitness center, and entertainment provided daily by the Casino Club's Beverage Entertainers. **Resort fee inclusions subject to change without notice.**

**DEPOSIT REQUIRED:** Deposit of first night plus tax is due within 10 days of booking to hold room.

**CANCELLATIONS:** Cancellations inside of 17 days prior to arrival will result in loss of deposit. **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 #1033949; Expiration Date 12/10/2017.

**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.



**White Sulphur Springs** Escape to the southeast where an intimate small town awaits. Set amid the Allegheny Mountains, Greenbrier County is an area rich in history, hospitality, and natural beauty known far and wide as the most attractive area in West Virginia. Gorgeous mountain views, specialty shops, Revolutionary and Civil War battle sites, art galleries, great restaurants, and quiet country roads await you.

Discover indoor and outdoor activities alike, such as swimming, falconry, bowling, hiking and jogging trails, horseback riding, and wintry carriage rides. Golfers can even enjoy the sport year-round on a championship course when the weather permits.

White Sulphur Springs, population 2,800, is home to the world-famous resort, The Greenbrier. The Greenbrier has been awarded AAA Five Diamond status since the inception of the award, and it is one of only three properties to have earned this distinction for 30 consecutive years.

White Sulphur Springs itself has also received the prestigious "Main Street USA" designation and boasts the presence of the oldest organized golf club in America, as well as the Federal Fish Hatchery, and the Monongahela National Forest Information Center. Register today and get to know this charming locale.

**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](http://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@universaltravel1.com](mailto:kellee@universaltravel1.com)

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**[www.nwas.com](http://www.nwas.com)   [info@nwas.com](mailto:info@nwas.com)**  
**(800) 222-6927   (509) 547-7065**

## SCHEDULE

### Thursday, December 7

|      |                                                                               |                  |
|------|-------------------------------------------------------------------------------|------------------|
| 0700 | Registration – Mandatory Sign In – Continental Breakfast                      |                  |
| 0725 | Welcome                                                                       | NWAS Staff       |
| 0730 | Cleared for Surgery                                                           | J.Kryc           |
| 0830 | Preoperative Evaluation of the Ambulatory Patient                             | J.Kryc           |
| 0930 | Break                                                                         |                  |
| 0945 | Modern Fasting Guidelines                                                     | R.Lenhardt       |
| 1045 | Airway Evaluation                                                             | R.Lenhardt       |
| 1145 | Risk of Aspiration and GERD: Supraglottic Devices or Endotracheal Intubation? | E.Lobato         |
| 1245 | Adjourn                                                                       | 0.7 Pharmacology |

### Friday, December 8

|      |                                                                          |                  |
|------|--------------------------------------------------------------------------|------------------|
| 0700 | Registration – Mandatory Sign In – Continental Breakfast                 |                  |
| 0730 | Perioperative Evaluation and Management of Patients With Coronary Stents | E.Lobato         |
| 0830 | Intraoperative Myocardial Ischemia: Diagnosis and Management             | E.Lobato         |
| 0930 | Break                                                                    |                  |
| 0945 | Introduction to Nanotechnology: Honey I Shrunk the Kids                  | J.Kryc           |
| 1045 | Nanomedicine: The Cyborg Era Begins                                      | J.Kryc           |
| 1145 | Perioperative Management of Obesity Hypoventilation Syndrome             | R.Lenhardt       |
| 1245 | Adjourn                                                                  | 1.8 Pharmacology |

### Saturday, December 9

|      |                                                                                                               |                |
|------|---------------------------------------------------------------------------------------------------------------|----------------|
| 0700 | Registration – Mandatory Sign In – Continental Breakfast                                                      |                |
| 0730 | Anesthesia for the Morbidly Obese Patient                                                                     | R.Lenhardt     |
| 0830 | Anesthesia for Robotic Surgery                                                                                | R.Lenhardt     |
| 0930 | Break                                                                                                         |                |
| 0945 | The Patient With Heart Failure Undergoing Noncardiac Surgery: Does the Ejection Fraction Matter?              | E.Lobato       |
| 1045 | Anesthetic Management of the Patient With Valvular Heart Disease During Noncardiac Surgery: Who Is High Risk? | E.Lobato       |
| 1145 | Complications From MAC: Is It Our Fault?                                                                      | E.Lobato       |
| 1245 | Adjourn                                                                                                       | 1 Pharmacology |

### Sunday, December 10

|      |                                                                   |                  |
|------|-------------------------------------------------------------------|------------------|
| 0700 | Registration – Mandatory Sign In – Continental Breakfast          |                  |
| 0730 | From Symptoms to Biomarkers: Should We Change the Paradigms?      | J.Kryc           |
| 0830 | Statins and Noncardiac Surgery: Can We Reduce Perioperative Risk? | J.Kryc           |
| 0930 | Break                                                             |                  |
| 0945 | Cardiac Disease in Pregnancy                                      | J.Kryc           |
| 1045 | Hemorrhagic Shock and Trauma                                      | R.Lenhardt       |
| 1145 | Prevention and Treatment of Perioperative Hypothermia             | R.Lenhardt       |
| 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](http://www.nwas.com) or call (800) 222-6927.**



## Northwest Anesthesia Seminars

Continuing Education for the Anesthesia Professional

## Topics in Anesthesia

## White Sulphur Springs, West Virginia

December 7-10, 2017



**Baylor Scott & White**  
HEALTH

A. WEBB ROBERTS CENTER FOR  
CONTINUING MEDICAL EDUCATION

## FACULTY

### Joseph J. Kryc, MD, MBA

Adjunct Clinical Associate Professor of Anesthesiology  
Banner University Hospital  
Tucson, Arizona

### Rainer Lenhardt, MD, MBA

Professor and Vice-Chair for Clinical Affairs  
Department of Anesthesiology and Preoperative Medicine  
University of Louisville  
Louisville, Kentucky

### Emilio B. Lobato, MD

Anesthesiology Services  
North Florida/South Georgia VAMC  
Gainesville, Florida

## Course Registration

**17DWV**

| TUITION: In USD                    | MD/DO  | CRNA/PA | RN/Others |
|------------------------------------|--------|---------|-----------|
| Early <i>(Paid by 9/8/17)</i>      | \$950  | \$900   | \$800     |
| Regular <i>(Paid after 9/8/17)</i> | \$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 October 8, 2017 to November 7, 2017. No refund after November 7, 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.