



Faculty

Mark A. Kossick, DNSc, CRNA, APN
Professor, School of Nursing
Anesthesia Simulation Education Coordinator
College of Health and Human Sciences
Western Carolina University
Asheville, North Carolina

HOTEL RATES: A portion of the room rate is used to partially offset the cost of refreshments served during the meeting for participants only. All rates per night, single/double occupancy, plus tax.

JANUARY Las Vegas, Nevada

The Westin Las Vegas - Run of House Guestroom: \$189

APRIL Las Vegas, Nevada

The Westin Las Vegas - Run of House Guestroom: \$189

SEPTEMBER Las Vegas, Nevada

The Palms - Fantasy Tower Guestroom: \$79-\$119

OCTOBER Gatlinburg, Tennessee

The Park Vista Doubletree - Run of House Guestroom: \$140

NOVEMBER Key West, Florida

Margaritaville, Key West - Run of House Room: \$380

DECEMBER Las Vegas, Nevada

Encore at Wynn Las Vegas - Resort Suite Guestroom: \$229-\$299

DEPOSIT REQUIRED: First night deposit plus tax within 10 days of booking to hold your room. Limited number of rooms available. Rate and availability not guaranteed until deposit received.

CANCELLATIONS: Cancellations of room reservations accepted without penalty until five days prior to arrival. Early departure fees apply for check-out prior to confirmed date. **Travel insurance is recommended.**
Visit www.nwas.com for detailed hotel information

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. For availability, please 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

COURSE DIRECTOR: Mark 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: Due to the epidemiology of cardiovascular disease and standards of care regarding EKG monitoring by various professional organizations, physicians in many specialties (anesthesiology, emergency medicine, and critical care), advanced practice nurses, and other healthcare providers are being challenged to interpret the EKG as well as treat underlying conduction disturbances. This program is designed to update these practitioners with the latest information on this body of scientific information. This seminar offers 8 contact hours.

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

Review the 12-lead EKG system, the normal morphology of the EKG waveforms, and options for lead placement.

Define the criteria for assessing evidence of myocardial ischemia, injury, and infarction, including the limitations of the EKG.

Review the classic placement of chest leads and limb leads as well as discuss legitimate variations available for EKG lead placement for surgical and postoperative patients.

Apply the criteria for the diagnosis of supraventricular arrhythmias (e.g., sinus bradycardia, atrial tachycardia, atrial flutter, atrial fibrillation, and Wolff-Parkinson-White Syndrome).

Explain the treatment guidelines for supraventricular arrhythmias.

Apply the criteria for the diagnosis of first degree heart block, second degree heart block (Mobitz I & II), and third degree heart block with a junctional escape or ventricular escape rhythm.

Discuss the treatment of AV nodal and infranodal arrhythmias.

Apply the criteria for the diagnosis of ventricular arrhythmias (e.g., torsade de pointes, ventricular tachycardia, ventricular fibrillation).

Discuss the recommended treatment for ventricular arrhythmias.

Diagnose faculty-presented EKG rhythm strips and 12-Lead EKGs, reviewing the criteria by which each was identified.

Clarify the material presented throughout the day through questions and answers and discuss participants' concerns for application in their own clinical settings.

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 8 *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®).

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 #1034980; Expiration Date 12/10/2018.

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 8 hours of Category I credit for completing this program.

Registered Nurses: NWAS is an approved provider for the following state nursing boards: Arkansas State Board of Nursing (Provider Number 50-7480), 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), Georgia Board of Nursing (Provider Number 50-7480), and the South Carolina Board of Nursing (Provider Number 50-7480). This program offers 8 contact hours.

Dr. Mark A. Kossick

Dr. Mark A. Kossick received his research doctorate (DNSc) in 2003 from the University of Tennessee Health Science Center, and completed his clinical research in the electrophysiology laboratory at the University of Alabama at Birmingham (UAB) while developing a new modified chest lead (MAC1).

He finished his nurse anesthesia education in 1984 at Hamot Medical Center, Erie, Pennsylvania, affiliated with Edinboro University. Over the past 30 years he has been on faculty at the University of Kansas, UAB, University of Maryland, and currently Western Carolina University.

In addition, he has lectured extensively on EKG interpretation to an eclectic audience across the United States and from other countries such as Spain, Germany, Iceland, Australia, Great Britain, Saudi Arabia, and New Zealand. Attendees include anesthesiologists, hospitalists, intensivists, emergency department physicians, cardiologists, nurse anesthetists, nurse practitioners, and critical care nurses.

Dr. Kossick is in the process of completing a third edition of a textbook and handbook on EKG interpretation, and authored the Clinical Monitoring I: Cardiovascular System chapter of all six editions in the textbook, Nurse Anesthesia. He has also written the antiarrhythmic chapter in the textbook, Pharmacology for Nurse Anesthesiology.

Dr. Kossick continues to provide anesthesia care to a diverse surgical population at several medical centers.

Rev. 7/10/18

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

SCHEDULE

0730 Registration – Mandatory Sign In – Continental Breakfast

0755 Welcome

NWAS Staff

0800 Cardinal Concepts for Accurate EKG Interpretation: Part I

Describe the 12-lead EKG system, dipole concept, and clinical applications of the normal morphology of EKG waveforms

Discuss the current American College of Cardiology guidelines for obtaining a 12-lead EKG

0900 Cardinal Concepts for Accurate EKG Interpretation: Part II

Discuss the clinical relevance and recommendations for correct EKG lead placement

Describe how the grouping of EKG leads (e.g., II, III, aVF) may provide insight to the anatomical location of myocardial ischemia/injury, and infarction

Identify T wave changes suggestive of myocardial ischemia

1000 Break

1015 Evidence-Based Guidelines for Diagnosing T Wave and ST Segment Changes

Describe the current American College of Cardiology and American Heart Association criteria for assessing

EKG evidence of myocardial ischemia/injury

Describe the correct technique and indications for adjusting bedside EKG software parameters for continuous computerized ST segment analysis

Discuss how incorrect identification and placement of computerized ST segment parameters on newer software (Iso point, ST point) and older software (Iso point, J point, ST point) can produce iatrogenic injury

1115 Decision Algorithm for EKG Lead Selection Including True Chest Leads Versus Modified Chest Leads

Describe the most current recommendations for chest lead monitoring for myocardial ischemia/injury

Discuss variations for EKG lead placement and consideration for the use of modified chest leads

1215 Lunch (on your own)

1315 Diagnostic Criteria for Myocardial Infarction

Identify EKG criteria for myocardial infarction

Recognize the potential value in using biomarkers in the differential diagnosis of myocardial infarction

1415 Practice EKG Interpretation: Part I

Identify EKG criteria for anterior, inferior, lateral, and posterior myocardial ischemia, injury, and infarction

1515 Break

1530 Current Treatment Strategies and EKG Lead Selection for Atrial Fibrillation

Describe the diagnostic criteria and clinical implications of various etiologies of atrial fibrillation

Describe the rate control versus rhythm control treatment strategies for atrial fibrillation

1630 Practice EKG Interpretation: Part II

Diagnose faculty presented EKG rhythm strips and 12-lead EKGs, reviewing the criteria by which each is identified

1730 Adjourn

8 CME I / 8 Class A CEC

NWAS

Northwest Anesthesia Seminars

Continuing Education for the Anesthesia Professional

EKG Interpretation Seminar

Diagnostic Skills for Myocardial Ischemia, Infarction, Current Treatment Strategies and Lead Selection for Atrial Fibrillation

Las Vegas, Nevada

January 22, 2018

Gatlinburg, Tennessee

October 3, 2018

Las Vegas, Nevada

April 9, 2018

Key West, Florida

October 31, 2018

Las Vegas, Nevada

September 3, 2018

Las Vegas, Nevada

December 10, 2018



Baylor Scott & White
HEALTH
A. WEBB ROBERTS CENTER FOR
CONTINUING MEDICAL EDUCATION

CONCURRENT COURSES:

We are offering other seminars/workshops after EKG.

If you have colleagues that wish to come with you but do not need to take EKG, or if you would like to obtain additional credits while at the location: Call (800) 222-6927 or visit www.nwas.com for additional program brochures.

FREQUENT ATTENDEE POINTS (FAP):

A great program to reward you for supporting NWAS.

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). Join us today and learn how easy it is to get rewarded for the continuing education you need.

NOW ACCEPTING CREDIT CARDS FOR TUITION

Course Registration

18EKG

TUITION: In USD	MD/DO	CRNA	RN/Others
Early <i>(Paid 90 days prior to event)</i>	\$400	\$375	\$350
Regular <i>(Paid after 90 days prior to event)</i>	\$450	\$425	\$400

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 60-30 days prior to course. No refund inside 30 days; 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. Cancellation must be made in writing.

ERRONEOUS PRICING NOTICE:

Northwest Seminars, Northwest Anesthesia 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.

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