



Upper and Lower Extremity Nerve Block Workshop

August 18-19, 2018

**AANA Foundation Learning Center
Park Ridge, Illinois**

Safe and effective anesthesia



AANA.com

Purpose:

The *Upper and Lower Extremity Nerve Block Workshop* is an educational activity designed to enhance the practitioner's knowledge in the clinical sciences related to upper and lower peripheral nerve anesthesia. The program will expand the skills and expertise of CRNAs in using upper and lower extremity nerve block anesthesia using ultrasonography. The program will include case studies and hands-on demonstration, return demonstration, and skill validation.

Target Audience:

This workshop is for CRNAs interested in developing or enhancing their skills and knowledge in peripheral nerve blocks.

Accreditation Statements:

This program has been prior approved by the American Association of Nurse Anesthetists for 12 Class A CE credits; AANA Code Number:1035590; Expiration Date: 08/19/2018.

AANA designates this program as meeting the criteria for 1 CE credit in Pharmacology/Therapeutics.

The American Association of Nurse Anesthetists is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

AANA is an approved provider by the California Board of Registered Nursing, CEP #10862.

In Kind Support:

Ultrasound equipment for this educational activity has been provided by Sonosite. The planners of this workshop disclose that Sonosite was not involved in any component of the planning process for this educational activity. Sonosite understands that they must abide by the American Association of Nurse Anesthetists (AANA) Provider Unit's policies and procedures. Educational sessions will be monitored by AANA staff to ensure content integrity and prevent bias.

Accreditation does not imply that the AANA or the American Nurses Credentialing Center's Commission on Accreditation (ANCC) approves or endorses any product displayed, mentioned, or used in any of the educational activities.

Faculty and Planner Disclosures:

All presenters and planners of this continuing nursing education activity are required to disclose to the audience any significant financial relationship with the manufacturer(s) of any commercial healthcare products, goods or services consumed by or used on patients.

All planners, authors and content reviewers have disclosed for this meeting and there were no commercial interest relationships to declare.

Evaluation/CE Credit Claim:

The link to an electronic Evaluation/CE credit claim form will be emailed to all participants no later than Friday, August 24, 2018. Please check your Spam folder and Inbox for this important email. Once you receive the email with hyperlink, please complete the Program Evaluation, the Overall Meeting Evaluation and finally, SUBMIT your CE credits. You will be able to print your certificate immediately when this is done. CE credits are imported to the member transcripts within 5 business days of the meeting and weekly after that for 60 days.

Please note – if you have “opted-out” of receiving emails from the AANA, you will not receive this email. You will need to send an email to: AANA_evaluations@aana.com requesting that a separate email be sent to you.



WiFi Access
Network: AANA Guest Wireless
Password: PR-AANAWRLS

Saturday, August 18, 2018

7:30 a.m.	Shuttle Pickup at Hampton Inn Hotel – Transport to AANA	
8:00-8:30 a.m.	Welcome	Bruce A. Schoneboom, PhD, CRNA, FAAN
8:30-9:30 a.m.	Pharmacology of Local Anesthesia (1 Class A CE with 1 Pharm) Learner Outcomes: 1. Identify the mechanisms and sites of actions of local anesthetics. 2. List the physiochemical properties and clinical effects of common local anesthetics utilized for peripheral nerve blocks. 3. Discuss commonly used dosage ranges used for regional anesthesia. 4. Discuss the selection and pharmacology of vasopressors used in conjunction with regional anesthesia. 5. Discuss the treatment of local anesthetic toxicity. 6. Identify the concept of “grams percent” and “ratio” as applied to calculations for preparing drugs for regional anesthesia.	Lisa Osborne-Smith, PhD, CRNA
9:30-10:30 a.m.	Anatomy of the Brachial Plexus (1 Class A CE) Learner Outcomes: 1. Describe the anatomy and landmarks of the upper extremity structures related to brachial plexus block.	Charles A. Reese, PhD, CRNA
10:30-10:45 a.m.	Break	
10:45-11:45 a.m.	Brachial Plexus Block - Axillary and Supraclavicular Techniques (1 Class A CE) Learner Outcome: 1. Describe various common axillary and supraclavicular techniques for regional anesthesia of the brachial plexus.	Charles A. Reese, PhD, CRNA
11:45-12:30 p.m.	Lunch	<i>Provided by the AANA</i>
12:30-1:30 p.m.	Brachial Plexus Block - Evaluation and Peripheral Nerve Block Augmentation (1 Class A CE) Learner Outcomes: 1. Describe the necessary steps to evaluate the results of a brachial plexus block. 2. Discuss procedures for augmenting a brachial plexus block using additional peripheral nerve blocks.	Franklin J. McShane, DNP, CRNA

Saturday, August 18, 2018

1:30-2:30 p.m.	Principles of Ultrasound Guided Regional Anesthesia (1 Class A CE) Learner Outcomes: 1. Describe the function of ultrasound technology and the technique of acquiring a view of the nerves of interest. 2. Discuss the common sources of artifact that interferes with ultrasound imaging.	Franklin J. McShane, DNP, CRNA
2:30-2:45 p.m.	Break	
2:45-3:45 p.m.	Techniques of Ultrasound Guided Regional Anesthesia (1 Class A CE) Learner Outcomes: 1. Demonstrate visual elements that indicate the proper disposition of local anesthetic agents for ultrasound guided regional anesthesia.	Franklin J. McShane, DNP, CRNA Donald Van Dam, DNP, CRNA
3:45-5:45 pm	Teaching Stations: Upper Extremity (2 Class A CE) Learner Outcomes: 1. Demonstrate techniques (axillary) and general principles of safe practice associated with regional anesthesia of the brachial plexus. 2. Demonstrate techniques (interscalene) and general principles of safe practice associated with regional anesthesia of the brachial plexus.	Franklin J. McShane, DNP, CRNA Charles A. Reese, PhD, CRNA Lisa Osborne-Smith, PhD, CRNA Donald Van Dam, DNP, CRNA
5:45 p.m.	End of Day Shuttle Pickup - Return to Hampton Inn Hotel	

Sunday, August 19, 2018

7:30 a.m.	Shuttle Pickup at Hampton Inn Hotel – Transport to AANA	
8:00-10:00 a.m.	Plexus Blocks of the Lower Extremity: Anatomy, Techniques and Evaluation (2 Class A CE) Learner Outcome: 1. Discuss pain pathways and current pain management priorities. 2. Identify the anatomy and peripheral nerves associated with the lumbar sacral plexus. 3. Describe the landmarks used for the placement of lower extremity blocks. 4. Describe the use of ultrasound for the placement of lower extremity blocks. 5. Describe the indications and use of Transverse Abdominis Blocks.	Franklin J. McShane, DNP, CRNA

10:00-10:15 a.m.	Refreshment Break	
10:15-12:15 p.m.	Teaching Stations: Hands-On Ultrasound Guided Imaging and Informal Q & A (2 Class A CE) Learner Outcomes: 1. Demonstrate the technique for identifying neural and vascular anatomy important for upper and lower extremity regional anesthesia. 2. Discuss the implications of using an “in plane” versus “out of plane” approach to nerves during ultrasound guided regional anesthesia techniques.	Franklin J. McShane, DNP, CRNA Charles A. Reese, PhD, CRNA Lisa Osborne-Smith, PhD, CRNA Donald Van Dam, DNP, CRNA
12:15 p.m.	End of Day Shuttle Pickup - Return to Hotel	