

**Encore Symposiums' Sedona Ultrasound Workshop: November 5, 2017**  
**Introduction to Ultrasound-Guided Upper and Lower Extremity Peripheral Nerve Blocks**  
**Learner Assessment and Program Evaluation**

Name: \_\_\_\_\_

AANA ID#: \_\_\_\_\_

Indicate your level of achievement for each objective.

*Rate on the following scale: 1 = Excellent, 2 = Good, 3 = Adequate, 4 = Fair, 5 = Poor*

Rating 1 to 5
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**Hour 01/Lecture - Ultrasound Physics - C. Falyar**

Define the physics and principles of sound.

Describe how sound/tissue interaction is used to create an ultrasound image.

Describe how Doppler ultrasound can be used to augment a brightness mode (B-Mode) image.

State commonly seen artifacts and how they impact an ultrasound image.

*Overall rating of topic and facilitator during this lecture.*


**Hour 02/Lecture - Principles of Scanning - H. Barnwell**

Name the basic components and functions of an ultrasound system.

Define body ergonomics and its impact on the performance of peripheral nerve blocks.

Describe strategies used to optimize an ultrasound image.

Describe common needle imaging strategies.

*Overall rating of topic and facilitator during this lecture.*


**Hour 03/Lab - Basic Scanning Lab - C. Falyar, H. Barnwell**

Demonstrate the following:

Ultrasound system functions

Body ergonomics

Proper technique for holding a transducer

Correct image orientation

Ultrasound image optimization

In-plane and out-of-plane needle imaging

*Overall rating of topic and facilitator during this lab.*


**Hour 04/Lecture - Upper Extremity / Truncal Blocks - H. Barnwell**

List the indication for each upper extremity block.

State the relationship between landmark anatomy and ultrasound image for each upper extremity block.

Describe the basic technique for each upper extremity block.

Describe the potential complications of each upper extremity block.

*Overall rating of topic and facilitator during this lecture.*


**Hour 05/Lab - Upper Extremity Truncal Block Scanning Lab - C. Falyar, H. Barnwell**

Demonstrate proper scanning techniques for the following upper extremity nerve blocks:

Interscalene

Supraclavicular

Infraclavicular

*Overall rating of topic and facilitator during this lab.*


**Rate on the following scale: 1 = Excellent, 2 = Good, 3 = Adequate, 4 = Fair, 5 = Poor**

**1 to 5**

**Hour 06/Lecture - Lower Extremity Blocks / Neuroaxial Imaging - C. Falyar**

List the indication for each lower extremity block.

State the relationship between landmark anatomy and ultrasound image for each lower extremity block.

Identify the basic technique for each lower extremity block.

Discuss the potential complications of each lower extremity block

*Overall rating of topic and facilitator during this lecture.*


**Hour 07/Lab - Lower Extremity / Neuraxial Scanning Lab - C. Falyar, H. Barnwell**

Demonstrate proper scanning techniques for the following lower extremity nerve blocks:

Femoral

Saphenous

*Overall rating of topic and facilitator during this lab.*


**Overall Assessment**

**Rate on the following scale: 1 = Excellent, 2 = Good, 3 = Adequate, 4 = Fair, 5 = Poor**

**1 to 5**

The facilitators were effective in presenting the material.

Teaching methods were effective.

Physical facilities facilitated learning.

The program content was related to the objectives.

My personal learning objectives were met.


**State one item you learned that will improve your nurse anesthesia practice.**

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**State any barriers to implement this change.**

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**What future topics would you like presented?**

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