



Spinal & Epidural Anesthesia Workshop
 March 20 - 22, 2019 - Clearwater Beach, Florida
 April 14 - 16, 2019 - Charleston, South Carolina

Lecture & Presenter	Objectives
Spinal Anesthesia: Techniques and Dosing David Gleason, CRNA BHS	<ol style="list-style-type: none"> 1. Review the anatomy and physiology relevant to the subarachnoid space 2. List the physiologic changes that occur during spinal anesthesia 3. Discuss the commonly used spinal anesthetic agents 4. Describe midline and paramedian approaches
Spinals and Epidurals in the Difficult Back David Gleason, CRNA BHS	<ol style="list-style-type: none"> 1. Discuss common causes of difficult neuraxial blocks including anatomic, disease states, and previous surgery 2. Relate useful techniques for difficult neuraxial blocks 3. Describes advantages of blocks in patients with altered anatomy
Clinical Techniques of Epidural Anesthesia Charles A. Reese, CRNA, PhD, CAPT, NC, USN (ret)	<ol style="list-style-type: none"> 1. Review anatomy relevant to the epidural space 2. Describe techniques and identify methods to improve success of epidural placement
Local, Lipids, Toxic Events and Beyond LTC Peter D. Strube, DNP, CRNA, MSNA, APNP, ARN	<ol style="list-style-type: none"> 1. The listener will be able to list and identify current treatments for local anesthesia toxicity
Spinal Headache? What Happen and Considerations? LTC Peter D. Strube, DNP, CRNA, MSNA, APNP, ARN	<ol style="list-style-type: none"> 1. The listener will be able to list and identify the physiology of post dural puncture headache and correct treatment
Clinical Conundrums of Epidural Anesthesia Charles A. Reese, CRNA, PhD, CAPT, NC, USN (ret)	<ol style="list-style-type: none"> 1. The learner will understand the cause of clinical misadventures associated with epidural anesthesia
Introduction to Use of Ultrasound in Epidural Anesthesia Charles A. Reese, CRNA, PhD, CAPT, NC, USN (ret)	<ol style="list-style-type: none"> 1. Describe the basics of ultrasonography 2. List potential advantages and indications for ultrasound-guided neraxial blocks
Teaching Stations Faculty	<ol style="list-style-type: none"> 1. Demonstrates the anatomical landmarks, manipulation of equipment, proper needle insertion, and drug instillation for spinal and epidural anesthesia
Cost, Safety and Advantages of Local Anesthetics David Gleason, CRNA BHS	<ol style="list-style-type: none"> 1. Relate how regional anesthetic techniques with local anesthetics can impact the primary and secondary costs of patient care. 2. Describe: <ol style="list-style-type: none"> A) signs and symptoms of local anesthetic toxicity B) prevention and treatment of local anesthetic toxicity 3. List three advantages of regional anesthetic
Regional Anesthesia and Anticoagulation David Gleason, CRNA BHS	<ol style="list-style-type: none"> 1. Relate literature-based guidelines for spinals and epidurals with patients on anticoagulants 2. Discuss the most commonly encountered anticoagulants 3. List presentation of spinal/epidural hematoma
Local Anesthesia, What Did I Forget? The Pharmacology of It All LTC Peter D. Strube, DNP, CRNA, MSNA, APNP, ARN	<ol style="list-style-type: none"> 1. The learner will be able to list and identify the pharmaceutical mechanism of action of local anesthetics



<p>Clinical Applications of Epidural Anesthesia</p> <p>Charles A. Reese, CRNA, PhD, CAPT, NC, USN (ret)</p>	<p>1. Identify common drugs and dosages used in epidural anesthesia</p>
<p>Epidural Anesthesia: When Bad Things Happen</p> <p>Charles A. Reese, CRNA, PhD, CAPT, NC, USN (ret)</p>	<p>1. Recognize the importance of sterile techniques and timely recognition of systemic infection associated with epidural anesthesia</p>