

**Sedona Red Rock & Grand Canyon Experience by Encore Symposiums: November 6-9, 2017**

**Learner Assessment and Program Evaluation**

Name:

AANA ID#:

Indicate your level of achievement for each learner objective on the rating scale.

Rate on the following scale: 1=Poor, 2=Below Average, 3=Average, 4=Above Average, 5=Excellent

<b>Rating</b>
<b>1 to 5</b>

**Lecture 01 - Emergency Airway Preparedness at Ambulatory Surgery Centers with Solo Providers - M. Lord**

Describe four characteristics of ambulatory surgery centers with solo anesthesia providers that present challenges to emergency airway preparedness in this setting.

Describe how the interplay between the clinical knowledge and the self-efficacy of interdisciplinary team members contributes to emergency airway preparedness in this setting.

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


**Lecture 02 - Cardiac Implanted Electronic Devices: What Do I Need to Know? - H. Barnwell**

Identify the origin and evolution of modern cardiovascular implantable electronic devices (CIEDs).

List common indications for CIED placement.

Identify essential pre-operative assessment information to acquire

Describe perioperative care of the patient with an existing CIED.

Identify the implications of placing a magnet over a CIED.

Describe treatment of the patient with suspected CIED failure.

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


**Lecture 03 - Big Data & Healthcare - J. Pabalate**

Describe the digital information contained in today's operating room.

Describe advantages of digital information in modern anesthesia records.

Describe the impact that digital information will have on the future of anesthesiology.

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


**Lecture 04 - Big Data and Anesthesia Outcomes - J. Pabalate**

Describe the history and development of anesthesia quality.

Identify the bodies and organizations who guide anesthesia quality outcome measures.

Describe the importance of measuring outcomes and quality measures as it pertains to reimbursement.

Describe transition from FFS (Fee For Service) to VBC (Value Based Costing) and the impact of Risk Shifting.

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


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**Lecture 05 - Pharmacology Update: Recent Additions to the Armamentarium - H. Barnwell**

Describe pharmacokinetics and pharmacodynamics of sugammadex, dexmedetomidine, and clevidipine.  
 Describe a brief historical perspective for sugammadex, dexmedetomidine, and clevidipine.  
 Describe warnings and precautions related to the use of sugammadex, dexmedetomidine, and clevidipine.  
 Compare and contrast sugammadex, dexmedetomidine, and clevidipine to similar agents traditionally used in clinical practice.  
 Describe current literature related to the anesthetic use of sugammadex, dexmedetomidine, and clevidipine.  
*Overall rating of topic and facilitator during this lecture.*


**Lecture 06 - Neuroanesthesia: Review and Update - H. Barnwell**

Identify the concepts of cerebral perfusion, autoregulation, and cerebral metabolic requirement of oxygen.  
 Describe current literature related to anesthetic selection and effect on cerebral physiology.  
 Identify methods to effectively control intracranial pressure and brain relaxation.  
 Describe considerations for the intra-operative anesthetic management of the patient presenting for neurosurgery.  
*Overall rating of topic and facilitator during this lecture.*


**Lecture 07 - Review of Restrictive Lung Disease - C. Falyar**

Define restrictive lung disease (RLD).  
 Distinguish between different types of RLD.  
 Compare and contrast the anesthetic management varying types of RLD.  
*Overall rating of topic and facilitator during this lecture.*


**Lecture 08 - Remifentanyl: Uses in Today's Perioperative Environment - J. Pabalate**

Describe the Pk/Pd of Remifentanyl.  
 Describe the advantages and disadvantages when using Remifentanyl.  
 Describe the applicable uses cases for Remifentanyl.  
*Overall rating of topic and facilitator during this lecture.*


**Lecture 09 - Current Trends in Ultrasound Applications in Anesthesia - C. Falyar**

Describe the origins of ultrasound and the development of diagnostic imaging.  
 Identify common ultrasound applications in anesthesia.  
 Identify newer applications being used in anesthesia.  
 Describe future trends and research for ultrasound technology in anesthesia practice.  
*Overall rating of topic and facilitator during this lecture.*


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Rating
1 to 5

**Lecture 10 - Anesthetic Management of Pheochromocytoma: Focus on Magnesium and Clevidipine - M. Lord**

Identify the classifications of pharmaceuticals used for the anesthetic management of pheochromocytoma.

State the rationale for the use of magnesium and clevidipine prior to tumor resection.

State the rationale for the use of vasopressin after tumor resection.

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


**Lecture 11 - NBCRNA / CPC (Continued Professional Certification) Program Update - M. Wojnakowski**

Describe anesthesia credentialing and current trends in continued competence.

Describe the background and rationale for the CPC program for nurse anesthetists.

Describe the components of the NBCRNA CPC program for nurse anesthetists.

Describe the timeline for implementation of the NBCRNA CPC program for nurse anesthetists.

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


**Lecture 12 - Modern Anesthesia Machine Ventilator Modes - J. Pabalate**

Describe ventilator modes historically use in the operating room.

Describe modern ventilator modes available on modern anesthesia machines.

Identify and describe examples of applicability of new ventilator modes.

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


**Lecture 13 - Cricoid Pressure: Is it Necessary and Effective? Update 2017 - S. Ciresi**

Identify the anatomy associated with the application of cricoid pressure and the technology associated with its measurement.

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


**Lecture 14 - Implications of Antithrombic and Thrombolytic Therapy on Regional Anesthesia - C. Falyar**

Describe the impact of venous thromboembolism (VTE) in healthcare.

Describe the coagulation cascade.

Identify the risks associated with therapeutic anticoagulation and thrombolytic therapy to regional (neuraxial) anesthesia.

Describe the implications of various anticoagulants and thrombolytics on regional anesthesia.

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


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<b>Rating</b>
<b>1 to 5</b>

**Lecture 15 - Surgical Infection Prevention: Focus on Antibiotics - M. Lord**

Identify the mechanisms of action of various classes of antibiotics.

Describe the rationale for procedure-specific antibiotic selection.

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


**Lecture 16 - Regional Anesthesia – Truncal Blocks - C. Falyar**

Identify the advantages of ultrasound-guided regional anesthesia (USRA).

Discuss the indications, US approaches and complications for the following truncal blocks: Neuraxial imaging, Transversus Abdominis Plane (TAP) block, Paravertebral block, Intercostal block, and PECS Block.

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


**Lecture 17 - Preemptive Analgesia: Pain Anatomy Physiology Review - S. Ciresi**

Describe the anatomy/physiology of pain perception and pain receptors.

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


**Lecture 18 - Preemptive Analgesia: Pain Pharmacology Review - S. Ciresi**

Describe the pharmacology analgesic agents available for anesthetic management.

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


**Lecture 19 - OB Anesthesia: Management of Comorbidities - S. Ciresi**

Describe the pathophysiology associated with diseases during pregnancy to include their management and anesthetic options.

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


**Lecture 20 – Staying Out of Trouble: Guarding Against Cognitive Biases - M. Lord**

Discuss how at least four types of cognitive biases can lead to poor clinical decision-making.

Discuss cognitive biases in clinical vignettes that may lead to negative patient outcomes.

Identify three ways to guard against cognitive biases in practice.

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


**Lecture 21 - Understanding and Managing Acid-Base Balance in Anesthesia - M. Lord**

Articulate the importance of understanding acid-base physiology in regard to anesthetic management.

List three complications that must be considered by anesthesia providers when caring for this patient population.

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


***Please Turn To Page 5 for Overall Assessment***

**Overall Assessment**

**Indicate your level of achievement for each statement on the rating scale.**

Rate on the following scale: 1=Poor, 2=Below Average, 3=Average, 4=Above Average, 5=Excellent

<b>Rating</b> <b>1 to 5</b>
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The facilitators were effective in presenting the material.

Teaching methods were effective.

The program content was related to the objectives.

My personal learning objectives were met.

Physical facilities facilitated learning.

**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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