

**Naples & Everglades 2020 Encore Symposiums: March 16-19, 2020**  
**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 1 to 5</b>
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**Lecture 01 - Anesthesia for Endovascular Treatment of Cerebral Aneurysms - Quinn McCutchen**

Explain the pathophysiology and clinical presentation of subarachnoid hemorrhage.  
 Explain Decision-making for clipping vs coiling to manage cerebral aneurysms.  
 Discuss the advances in endovascular aneurysm treatment.  
 Discuss the anesthetic management for endovascular cerebral aneurysm cases and how it differs from craniotomy for aneurysm clipping.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 02 - Propofol: The Good, The Bad and The Ugly - M. Zinder**

Explore specific problems related to Propofol use.  
 Investigate pros and cons of current formulation.  
 Discuss clinical and social implications of current Propofol concerns.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Let's Party! Old and New Psychoactive Substances - M. Scott-Herring**

Identify examples of old and new psychoactive substances.  
 Explain how to test for and identify the use of psychoactive substances.  
 Describe the anesthetic implications of psychoactive substances.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Lidocaine: More than a Regional Anesthetic - C. Frederick**

Describe the physiologic mechanism by which local anesthetics exert an anti-inflammatory affect.  
 Discuss research evidence for its efficacy.  
 Describe systemic local anesthetic use as part of a multimodal pain plan.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 05 - Multimodal Anesthesia Strategies: Narcotic Sparing Techniques - C. Federick**

Identify the continuing challenges in post op pain management.  
 Describe the newer concepts of the complex biochemistry involved in pain transmission.  
 Discuss existing data supporting practice changes: "Preventive analgesia", Multimodal therapy.  
 Identify system changes which might diminish narcotic use in surgical patients.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) Update - K. Driscoll**

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


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Rating 1 to 5
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**Lecture 07 - The Power of the Placebo - M. Zinder**

List the uses of the placebo and how it relates to patient outcomes.

Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Anesthesia and Cancer Recurrence: What We Do MATTERS - C. Frederick**

Discuss the physiology and pathophysiology of micrometastasis and cancer recurrence.

Discuss the pharmacologic effect of various types of anesthetics on inflammation and cellular mediated immunity.

Discuss current evidence for best practice in the administration of anesthesia to cancer patients.

Overall rating of topic and facilitator during this lecture.


**Lecture 09 - How Anesthesia Allows Surgeons to Safely Remove Brain Tumors - Q. McCutchen**

Discuss common brain tumors.

Explain basic brain physiology and pathophysiology.

Describe brain relaxation strategies.

Discuss basic pharmacology of drugs unique to neuroanesthesia.

Explain at positioning concerns and management of VAE during craniotomies.

Discuss emergence strategies after craniotomy.

Overall rating of topic and facilitator during this lecture.


**Lectures 10 & 11 - Adventures in Pediatric Anesthesia - M. Scott-Herring**

Discuss common medications administered in pediatric anesthesia and how to dose them.

Identify the most common anesthetics administered to pediatric patients.

List the most common pediatric emergency surgical procedures and their anesthetic management.

Overall rating of topic and facilitator during this lecture.


**Lecture 12 - A Review of Valvular Heart Disease and Anesthesia - C. Frederick**

Describe normal physiology as it pertains to valve function.

Identify the etiologies, pathophysiology and anesthetic modifications required to care for patients with mitral stenosis, aortic stenosis, mitral regurgitation and aortic regurgitation.

Discuss general risks associated with non- cardiac surgery in patients with VHD.

Provide a *brief* review of normal physiology as it pertains to valve function.

Describe the pathophysiology and common anesthetic modifications required to care for patients with mitral stenosis, aortic stenosis, mitral regurgitation, aortic regurgitation.

Overall rating of topic and facilitator during this lecture.


**Lecture 13 - CRNAs as First Responders - M. Scott-Herring**

Explain the EMS system in Maryland.

Compare skills sets/medication/equipment used.

Analyze the types of patients treated.

Overall rating of topic and facilitator during this lecture.


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Rating 1 to 5
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**Lecture 14- Anesthesia for Spine Surgery - Q. McCutchen**

- State the indications for spinal surgery.
- Describe the anatomy, biomechanics, and physiology of the spine.
- Explain basic pathophysiology of spinal conditions.
- Explain how to “clear” the C Spine.
- Describe neuromonitoring used in spinal surgery.
- Discuss surgical Approaches.
- Discuss blood Loss Management.
- Identify positioning concerns.
- Overall rating of topic and facilitator during this lecture.


**Lecture 15 - Stress Management for Healthcare Providers - M. Zinder**

- Describe the long-term effects of stress on one's health.
- Identify and describe strategies for decreasing stress.
- Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Business of Anesthesia - M. Zinder**

- Define the concept of knowing your worth.
- Describe the process of insurance enrollment.
- State understanding of how to bill for cases.
- Discuss business models
- Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Active Shooter: Avoid, Deny, Defend - M. Scott-Herring**

- List common misconceptions regarding active shooter events.
- Identify 3 steps in surviving an active shooter event.
- Identify barriers to implementing Active Shooter Guidelines.
- Overall rating of topic and facilitator during this lecture.


**Lecture 18- PTSD and How It Affects Us as Anesthesia Providers - M. Zinder**

- Describe PTSD and its effects on healthcare providers following critical incidents.
- Describe treatment options for PTSD.
- Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Anesthesia and Altitude - Q. McCutchen**

- Explain the environmental considerations of high altitude.
- Explain the physiologic effects of and acclimatization process to high altitude.
- Discuss the signs, symptoms, pathophysiology, and treatment of: Acute Mountain Sickness, High Altitude Cerebral Edema, High Altitude Pulmonary Edema.
- Explain the effect of high altitude on the pharmacology of inhaled anesthetics
- Discuss basic considerations of administering anesthesia at high altitude
- Overall rating of topic and facilitator during this lecture.


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

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<b>Rating</b> <b>1 to 5</b>
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**Lecture 20 - Anesthesia for Non-OB Surgery Pregnant Patients - Q. McCutchen**

Discuss the impact of maternal and fetal physiology on the anesthetic plan.

Review anesthetics and perioperative treatment modalities which are teratogenic and which are not.

Review the ACOG guidelines regarding Non-Obstetric surgery in the pregnant patient.

Explain how to perform fetal monitoring in the pregnant patient undergoing anesthesia for non-obstetric surgery.

Overall rating of topic and facilitator during this lecture.


**Lecture 21 - Residual Neuromuscular Blockade and Sugammadex - C. Frederick**

Discuss the current evidence surrounding the issue of residual neuromuscular blockade and best monitoring practices.

Describe best practices for minimizing the risk of RNMB.

Discuss the approval of Sugammadex – risks associated with its use and the benefits it has in reducing RNMB.

Overall rating of topic and facilitator during this lecture.


**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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