

**Palm Springs' Oasis in the Desert 2019: February 18-21, 2019  
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 - Noninvasive Measurement of Cardiac Output: Use of Cheetah - S. Ciresi**

Discuss the physiological determinants of cardiac output, pharmacological agents that impact its measurement, and noninvasive methods to quantify it.

Overall rating of topic and facilitator during this lecture.


**Lecture 02 - What is the Future of Medicine: From Those Mandated to Create It - K. Driscoll**

Describe the background to medical research and clinical trials.

Describe cancer treatment advances and future through TIL Harvest and Car-T Therapy.

Explain the background on the Undiagnosed Disease Program.

Define airway related clinical trials to include HPV.

Demonstrate how CRNAs can lead as advocates for our patients and families.

Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Emerging Interventional Cardiology Procedure - K. Westra**

List the physiological and age-related risk factors for the development of a trial fibrillation in geriatric patients in the perioperative care setting.

List the evidence-based anesthesia considerations for the care of patients for the Lariat and Watchman Procedure.

Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Neuroanesthesia - K. Westra**

Define the physiological and anatomical considerations for the plan of care for intracranial neuroanesthesia plan of care.

Define the importance of cerebral perfusion pressure and careful intracranial pressure management in neuroanesthesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 05 - Understanding and Managing Acid-Base Balance in Anesthesia - R. Shores**

Review chemistry and physics of acid base balance (05.04)

Describe compensatory mechanisms (05.04)

Overall rating of topic and facilitator during this lecture.


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

Describe anesthesia credentialing and current trends in continued competence.

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 - Operating Room Culture and Outcomes: Can We Move the Needle - K. Driscoll**

Describe the burden of colon infections.  
Outline the relationship between culture and clinical outcomes.  
Outline the perceptions of Teamwork from various healthcare providers.  
Describe the use of adaptive and technical changes to prevent colon infections.  
Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Non-opioid Anesthesia: A Look at Multi-Modal Therapy - K. Driscoll**

Illustrate a refresher of pain pathways.  
Outline pain pharmacology.  
Describe approaches to non-opioid anesthesia to include benefits and concerns.  
Overall rating of topic and facilitator during this lecture.


**Lecture 09 - Neuromuscular Drugs: What, Why and How - R. Shores**

Examine the neuromuscular junction and pharmacodynamics of current neuromuscular drugs. (02.02)  
Explore indications for the use of neuromuscular blockade. (02.07)  
Discuss strategies for pharmacologic administration. (02.07)  
Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Neuroendocrine Tumors: Preoperative Intraoperative and Postoperative Anesthetic Management - S. Ciresi**

Identify the pathophysiologic process/consequences associated with Neuroendocrine tumors and the pharmacologic intervention necessary to minimize its impact during the management of anesthesia.  
Overall rating of topic and facilitator during this lecture.


**Lecture 11 - Ketamine: The Old Kid on the Block - K. Westra**

List the pharmacodynamics and mechanism of action of Ketamine using in the plan of anesthesia care.  
State the role of ketamine infusion in the treatment of post-traumatic stress disorder and chronic depression.  
Overall rating of topic and facilitator during this lecture.


**Lecture 12 - ERAS: What is the Anesthetic Game Plan? - S. Ciresi**

Discuss the physiological objectives associated with ERAS and how they can be achieved using the appropriate pharmacological agents.  
State pharmacologic approaches which minimize the side effects of general anesthesia and enhance the recovery of the patient.  
Overall rating of topic and facilitator during this lecture.


**Lecture 13 - Uptake and Distribution of Inhalation Agents: A Revisit - S. Ciresi**

Discuss the uptake and distribution/pharmacology of inhalation agents and the impact of cardiac output and alveolar uptake on speed of induction and emergence.  
Overall rating of topic and facilitator during this lecture.


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Rating 1 to 5
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**Lecture 14 - Pediatric Pearls: Anesthesia for the Occasional Pediatric Anesthetist - K. Westra**

List the physiological and anatomical considerations for the pediatric patient for general anesthesia care.

Define the pharmacodynamics and mechanism of action of atropine, glycopyrrolate and succinylcholine used in the anesthesia plan of care of the pediatric patient.

Overall rating of topic and facilitator during this lecture.


**Lecture 15 - Mythbusters: Neuromuscular Monitoring and Reversal - R. Shores**

Examine currently available methods for neuromuscular monitoring. (02.07 & 03.01)

Describe current reversal agents. (02.07)

Compare methods and value of quantitative and qualitative methods (02.07)

Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Pre-operative Fasting: Concepts are Changing, it is Time We Do as Well - K. Driscoll**

Describe what events lead to the beginning of NPO policies.

Discuss the acidic and volume elements thought to contribute to aspiration pneumonitis.

List the components of the syndrome associated with aspiration pneumonitis.

List six risks associated with aspiration pneumonitis.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Anesthesia Business and the Independent Contractor, Employee or Contractor: What You Need to Know - K. Westra**

Define the key business considerations for anesthesia business as an independent contractor, employee and contractor in anesthesia care services.

State the legal, financial and anesthesia practice considerations for an independent contractor, employee or contractor in anesthesia care services.

Overall rating of topic and facilitator during this lecture.


**Lecture 18 - Pharmacologic Review: Latest and Greatest? in Anesthesia - R. Shores**

Identify and review implications newer anesthetic medications.

Identify and review implications of newer medications with anesthetic complications.

Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Does Choice of Fluid Matter in Major Surgery? - K. Driscoll**

Outline the various intravenous products utilized from crystalloids to colloids.

Demonstrate the evidence for each product.

Describe Goal Directed Therapy.

Describe current and emerging trends.

Overall rating of topic and facilitator during this lecture.


**Lecture 20 - OB and Pathophysiology - S. Ciresi**

Discuss the physiology and pharmacologic approach associated with OB pathophysiology to include: Diabetes, Pre-eclampsia, eclampsia, HIV, and high maternal age risk.

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 1 to 5</b>
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**Lecture 21 - Occupational Hazards in the Operating Room - R. Shores**

Identify potential occupational hazards facing anesthetists.

Introduce conceptual knowledge regarding scientific concepts.

Provide regulatory mandates of pertinent agencies.

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

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Teaching methods were effective.

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The program content was related to the objectives.

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My personal learning objectives were met.

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Physical facilities facilitated learning.

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**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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