

**Sedona Red Rock & Grand Canyon Adventure 2019 Encore Symposiums: November 4-7, 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</b>
<b>1 to 5</b>

**Lecture 01 - 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 02 - Mentoring: Build Your Team from Within - T. Davis**

Correlate the importance of professional development to the creation of a preferred workplace.  
 State two elements of a mentoring relationship.  
 List two activities that will build trust between the mentor and the mentee.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 03 - 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 04 - Occupational Hazards in the Operating Room - R. Shores**

Identify potential occupational hazards facing anesthetists.  
 Analyze conceptual knowledge regarding scientific concepts.  
 Define regulatory mandates of pertinent agencies.  
 Identify strategies for protection.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 05 - Pre-Operative Evaluation and Testing - C. Frederick**

Describe current evidence-based recommendations for the pre-operative assessment and testing of healthy patients.  
 Review the current evidence-based recommendations for the pre-operative evaluation of specific medical co-morbidities in surgical patients.  
 Discuss the role pre-operative evaluation and testing has on the pre-habilitation of patients prior to surgery.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Trauma Resuscitation in the OR - R. Shores**

Examine trauma statistics and evaluation.  
 Identify the role the military has played in development of resuscitation guidelines.  
 Describe pathophysiological phenomena during hemorrhagic trauma.  
 Explain current evidence on resuscitation strategies for trauma resuscitation.  
 Overall rating of topic and facilitator during this lecture.


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

**Lecture 07 - Dispelling Myths in the Practice of Anesthesia - T. Davis**

Explain the science behind the recommended pre-op NPO period of time.

State the relative importance of preoperative pregnancy testing.

Explain the effectiveness of cricoid pressure during rapid sequence induction.

Discuss the relative safety of light versus deep anesthesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Opioid Free Anesthesia - K. Westra**

State the physiological pain pathways in the peripheral and central nervous systems utilized in opioid free pain management regimes.

List the pharmacodynamics and mechanism of action of opioid free medications such as gabapentoid, lidocaine infusions, ketamine and magnesium.

Overall rating of topic and facilitator during this lecture.


**Lecture 09 - A Review of Airway Risk Assessment and Risk Mitigation - C. Frederick**

Describe the ongoing issues with airway management via closed claims analysis.

Discuss the concept of risk management and how it applies to airway management.

Discuss the context sensitive nature of airway management and evidenced based decision-making during airway management.

Overall rating of topic and facilitator during this lecture.


**Lecture 10 - 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 11 - Bonus Credit: 2019 OB and Pathophysiology and Anesthetic Implications - 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.


**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.

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 inhalational 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.


**Lecture 14 - 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.


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Rating 1 to 5
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**Lecture 15 - Patient Safety: Achieving Zero Defects - T. Davis**

List two common root causes of patient injury.

Understand how lessons learned from the aviation industry can improve patient safety.

Overall rating of topic and facilitator during this lecture.


**Lecture 16 - 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, glycopyrulate and succinylcholine used in the anesthesia plan of care for the pediatric patient.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Bonus Credit: Anesthesia for the Cardiac Patient for Non-Cardiac Surgery: Handle with Care - K. Westra**

State the importance of a comprehensive preoperative systemic exam and review for the co morbid cardiac patient for non-cardiac surgery.

State the importance of careful hemodynamic monitoring and treatment to reduce the risk of adverse outcome in Perioperative Care.

Overall rating of topic and facilitator during this lecture.


**Lecture 18 - The Pregnant OR Worker: Separating Myth from Fact - T. Davis**

State three occupational hazards to the pregnant worker in the operating room.

Describe methods to reduce the risk of exposure to radiation, trace gas and infection.

Review the protection provided to the pregnant worker by Federal Labor laws.

Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Hold the Show: Eliminate Drama and Enhance Communication - T. Davis**

Explain the link between Think-Feel-Say/do-Results.

Describe the amygdala a hijack and the Drama triangle.

Describe the importance of creating a safe environment for the free flow of thoughts.

Overall rating of topic and facilitator during this lecture.


**Lecture 20 - Social Media in Anesthesia: Advantages and Dangers - T. Davis**

Discuss the uses of mobile devices to improve communication among staff and with patients.

Describe the use of apps to provide real time information and improve patient care.

List two risks created by the use of mobile devices while doing patient care.

Overall rating of topic and facilitator during this lecture.


**Lecture 21 - A Review of Hypertension and Evidence Based Guidelines for Perioperative Management - C. Frederick**

Discuss the current understanding of the pathophysiology of hypertension, pre-operative evaluation and testing, and goal directed pharmacologic intra-operative therapy for the patient with hypertension.

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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Rating 1 to 5
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**Lecture 22 - A Review of Perioperative Hypotension and Shock and Goal Directed Therapy - C. Frederick**

Discuss the definitions and pathophysiology, and multiple perioperative physiologic causes of hypotension and shock and the best pharmacologic choices and practices for goal directed therapy of intra-operative hypotension.

Overall rating of topic and facilitator during this lecture.


**Lecture 23 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) Update - M. Wojnakowski**

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.


**Overall Assessment**

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

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Rating 1 to 5
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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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