Sedona Red Rock and Grand Canyon Adventure Encore Symposium: November 7-10, 2022
Learner Assessment and Program Evaluation

Name:

AANA ID#:

Indicate your level of achievement for each learner objective on the rating scale.	Rating
Rate on the following scale: 1=Poor, 2=Below Average, 3=Average, 4=Above Average, 5=Excellent	**1 to 5**

Lecture 01 - Comfortably Numb: A Review of Local Anesthetic Management - R. Shores
Explain the pharmacokinetics and mechanism of action for local anesthetic medications.
Define the anesthesia implications and adverse effects related to local anesthetics using evidence-based practices.
State the management of local anesthetic toxicity.
Overall rating of topic and facilitator during this lecture.

Lecture 02 - Understanding and Managing Acid-Base Balance in Anesthesia - R. Shores
Review chemistry and physics of acid base balance.
Describe compensatory mechanisms.
Overall rating of topic and facilitator during this lecture.

Lecture 03 - Damage Control-Fluids & Resuscitation - K. Westra
State the key anesthesia considerations for Hemorrhagic Trauma patient including implementation
and utilization of a massive transfusion protocol.
State physiological considerations for massive hemorrhagic shock including damage control, permissive
hypotension and transfusion resuscitation ratios.
Overall rating of topic and facilitator during this lecture.

Lecture 04 - The Future of Medicine From Those Mandated to Make It − K. Driscoll
Provide background to medical research and clinical trials.
Describe cancer treatment advances and pharmacologic interventions.
Define Pharmacological Sequela related to treatment.
Overall rating of topic and facilitator during this lecture.

Lecture 05 - Anesthesia and Endocrine Disorders - M. Talon
Explain the common endocrine disorders and their etiologies.
Describe the associated signs and symptoms of related endocrine pathology.
Examine the anesthetic implications and management modalities.
Explain the pharmacokinetics and mechanisms of action for perioperative pharmacologic management
for each endocrine disorder.
Overall rating of topic and facilitator during this lecture.

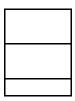**Lecture 06 - Applying Evidence-based Medicine Through Specialized Teams - K. Driscoll**
Identify the 5 elements of a PICOT question and how the question is used to guide a review of the literature.
Appreciate levels of evidence and their relationship to credibility of the research.
Understand the process of applying evidence when developing best practice guidelines.
Overall rating of topic and facilitator during this lecture.

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Lecture 07 - Pharmacogenetics: Applications in Anesthesia - K. Westra

List and identify basic genetic traits and pathways and how to use these pathways and traits to promote better patient outcomes.

Define the impact of pharmacogenetics personalization to improve patient outcomes and reduce adverse drug reactions.

List and identify resources for understanding pharmacogenetics and how pharmacology can be maximized in the presence of genetic variations.

Overall rating of topic and facilitator during this lecture.

Lecture 08 - Inflammatory Disease Anesthetic Management - K. Westra

Describe the pathophysiology associated with the inflammatory process.

Discuss pharmacological agents associated with increasing/decreasing the inflammatory process.

Identify an anesthetic strategy that meets the needs for the patient with inflammatory disease.

Overall rating of topic and facilitator during this lecture.

Lectures 09 - Anesthesia for Laser Surgery - M. Talon

Explain the basic principles behind laser technology.

Identify the common medical lasers used.

Describe the hazards and safety measures associated with laser therapy.

Discuss considerations for various anesthetic techniques and pharmacological choices.

Overall rating of topic and facilitator during this lecture.

Lecture 10 - Patient Safety: Avoiding Errors - M. Talon

Explain the definitions related to medical errors.

Examine the types of medical errors.

Compare avoidance techniques to decrease medical errors.

Identify the impact of medical error.

Overall rating of topic and facilitator during this lecture.

Lecture 11 - 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.

Lecture 12 - Legal Conundrum from a CRNA Expert Witness: Pharmacologic Interventions and Documentation - K. Driscoll

Outline two common closed claims database events for CRNAs.

Explain the pathophysiology of each event.

Outline pharmacologic interventions.

Describe pharmacologic and documentation standards to ensure quality care.

Overall rating of topic and facilitator during this lecture.

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	Rating 1 to 5

Lecture 13 - Traumatic Airways: Including Pediatrics - M. Talon

Differentiate the anatomical differences with pediatric airways.

Describe the use of Mallampati thyromental distance in evaluation of the airway.

Examine the predictors of difficult mask ventilation and difficult laryngoscopy.

Discuss the pros and cons of preoperative sedation.

Analyze methods for induction and maintenance of anesthesia.

Compare methods for securing the airway and preparing for extubation.

Overall rating of topic and facilitator during this lecture.

Lecture 14- Postoperative Complications: Common/Uncommon or Unthought-of - M. Talon

State two categories of environmental to the operating room worker.

Explore the basic postoperative complications related to anesthetics.

Discuss workflow modifications to reduce the threat of COVID to the healthcare worker.

Examine pharmacologic and non-pharmacologic methods for decreasing these complications.

Overall rating of topic and facilitator during this lecture.

Lecture 15 - How Long Can You Go! Perioperative Hypotension & Goal Directed Therapy Evidence Based Approach - K. Westra

Describe the definitions and pathophysiology associated with hypotension and shock.

Examine the pathophysiology of heparin-induced thrombocytopenia and paralytic ileus.

Explore the treatment and anesthetic options for controlling certain uncommon complications.

Overall rating of topic and facilitator during this lecture.

Lecture 16 - Over the Top! Hypertension & Evidence Based Guidelines for Perioperative Management - K. Westra

Discuss the current understanding of the pathophysiology of hypertension.

Review the pre-operative evaluation and testing for the patient with hypertension.

Describe best practice for goal directed therapy of intra-operative hypertension.

Overall rating of topic and facilitator during this lecture.

Lecture 17- Anesthesia Care for Total Joint Procedures - K. Westra

Define the importance of a multimodal pain management approach in the care of total joint patients in the perioperative care setting.

Discuss the pharmacokinetics of tranexamic acid and its implications in total joint procedures.

Overall rating of topic and facilitator during this lecture.

Lecture 18 - Multimodal Anesthesia Strategies: Narcotic Sparing Techniques - K. Driscoll

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 19- Thromboelastography for Evidence-based Transfusion Management– K. Driscoll

Describe the clotting cascade.

Discuss utilization of TEG for analysis and pharmacologic intervention related to clotting.

Discuss evidence regarding TEG in various case studies.

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

Lecture 20 - Anesthesia: Pediatric Considerations - M. Talon

Describe what makes pediatric anesthesia different.
Identify the pharmacology and techniques for sedation and induction of pediatric patients.
Examine the effects of anesthetic agents on neurological development (nitrous oxide, ketamine etc.).
Identify and compare airway techniques in the management of pediatric patients.
Overall rating of topic and facilitator during this lecture.

Lecture 21 - Malignant Hyperthermia: Do You Really Know Everything? - M. Talon

Explain the mechanism of action by which the volatile anesthetics and depolarizing muscle relaxants trigger Malignant Hyperthermia.
Describe the DNA variants that make the ryanodine receptor susceptible to succinylcholine and volatile anesthetics.
Examine possible links to other disorders.
Discuss new information related to Malignant Hyperthermia and non-anesthesia related conditions that may or may not be associated with Malignant Hyperthermia.
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

	Rating 1 to 5

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.
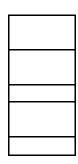
Physical facilities facilitated learning.

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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