

**Autumn in Bar Harbor & Acadia National Park: October 19-22, 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 - Old Drugs with a New Twist – K. Westra**

List the mechanism of action and pharmacodynamics for Ryanodex for treatment of malignant hyperthermia in anesthesia care.  
 Define the pharmacokinetic properties of Ryanodex and the ability to achieve a plasma concentration level of Ryanodex in the treatment of Malignant Hyperthermia.  
 Define the mechanism of action and pharmacodynamics for Exparel/Liposomal Bupivacaine as used for soft tissue infiltration and peripheral nerve blocks for anesthesia care.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 02- Anesthesia for Emerging Interventional Cardiology Procedures – K. Westra**

List the cardiac pathophysiology associated with patients undergoing cardiac interventional procedures for atrial ablation techniques.  
 Identify the risk factors associated with thoracic and cardiac interventional techniques performed outside of the perioperative care area.  
 State the goals of pharmacological and anesthetic management of the patient undergoing the Lariat and Atrial Ablation Procedures.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Ketamine Infusion Therapy for PTSD and Severe Depression - J. Pabalate**

Review pharmacology of Ketamine for general anesthesia.  
 Review the pathophysiology of PTSD and Severe Depression.  
 Discuss the evolution of ketamine infusion therapy and ketamine clinics.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Changing Healthcare Culture by Reporting the Positive - J. Pabalate**

Discuss the impact and development of the American HealthCare System.  
 Explain how payment drivers evolved.  
 Review the positive result reporting enhanced patient outcomes.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 05 - 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 06 - Aging and Cognitive Dysfunction - T. Davis**

Correlate the physiology of aging with altered anesthetic requirements in the elderly patient.  
 Explain both pharmacologic and non-pharmacologic factors that contribute to cognitive dysfunction.  
 Describe the pharmacological factors controlled by the anesthetist that could reduce the incidence of postoperative cognitive dysfunction.  
 Overall rating of topic and facilitator during this lecture.


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**Lecture 07 & 08 - Pain Theory and How It Applies to Your Anesthesia Practice – S. Wooden**

Identify two common anesthetic/pain management pharmaceutical agents that might help prevent chronic pain.

List at least three substances that are released when tissue is damaged.

Describe how opioid and non-opioid pain pharmaceutical agents can be used to interrupt the progression of “windup”.

Identify the key difference between neuropathic and non-neuropathic pain.

Overall rating of topic and facilitator during this lecture.


**Lecture 09 - Remifentanyl: Uses in Today’s Perioperative Environment - J. Pabalate**

Identify anesthesia implications and treat adverse effects related to opioids in accordance with evidence-based practices.

Describe the Pk/Pd of Remifentanyl.

Discuss the advantages and disadvantages when using Remifentanyl.

Identify the applicable uses cases for Remifentanyl.

Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Delivering Healthcare in the Distracted Perioperative Environment - J. Pabalate**

Review the history and evolution of technology in the healthcare environment.

Discuss some of the positive and negative ways healthcare has been transformed by technology.

Identify challenges that technology devices pose to the human practice of healthcare delivery.

Define the specific dangers of distraction in surgical settings.

State the legal issues of malpractice and distraction.

Discuss remedies to prevent distraction and preserve patient-centered care.

Overall rating of topic and facilitator during this lecture.


**Lecture 11 - Anesthesia Potpourri: Elevator Talks on Interesting Topics – T. Davis**

Appreciate pharmacogenetics and the implication to anesthetic requirement.

Support the requirement for reversal of neuromuscular blockade on every patient.

Discuss the effectiveness of cricoid pressure in reducing aspiration.

Identify ways in which CRNAs can reduce deaths in mass casualty situations.

Overall rating of topic and facilitator during this lecture.


**Lecture 12 - Hold the Show: Eliminate Drama and Enhance Communication – T. Davis**

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

Describe the amygdala hijack and the Drama triangle.

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

Overall rating of topic and facilitator during this lecture.


**Lecture 13 - Obstetrical Emergencies – K. Westra**

List the most common complications and management in maternal/obstetrical anesthesia care including Maternal Hemorrhage and Amniotic Fluid Embolism.

State the pharmacodynamics and mechanism of action for use of Methergine and Hemabate when used in resuscitation during a maternal hemorrhage in anesthesia care.

State the mechanism of action and pharmacodynamics for the administration of Atropine, Odansetron, and Tordal for the resuscitation of an amniotic fluid embolism Patient for Obstetrical Anesthesia care.

Overall rating of topic and facilitator during this lecture.


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**Lecture 14 - Opioids Sparing Techniques: Anesthesia Toolbox – K. Westra**

Define the mechanism of action and pharmacodynamics for non-narcotic medications used for the delivery of an opioid sparing anesthesia plan of care including: Ketamine, Lidocaine, Magnesium, Precedex.

Define the mechanism of action and pharmacodynamics for preoperative oral medications delivered in the preoperative care area including Gabapentin, Clonidine, Acetaminophen.

List the most common adverse side reactions of narcotics such as morphine, hydromorphone, fentanyl when used for pain management for general anesthesia care.

Overall rating of topic and facilitator during this lecture.


**Lecture 15 - COVID-19 History, Pathophysiology, and Management - K. Driscoll**

Outline the historical and epidemiological perspectives of COVID.

Describe the pathological progression of COVID.

Identify key management strategies.

Outline current clinical trials for COVID as well as completed trials and outcomes.

Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Advanced Airway Management for High Consequence Pathogen COVID Management - K. Driscoll**

Examine the Epidemiology of High Consequence Pathogens. (HCP)

Discuss the environmental considerations for optimal containment.

Review the pathology of COVID.

Discuss ventilatory management strategies for the treatment of COVID.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Technology in Anesthesia: Past, Present, and Future – T. Davis**

Appreciate the contribution of CRNAs to the advancement of technology from open drip ether to modern anesthesia machines.

Identify two examples of the use of technology to augment current anesthesia practice.

Describe the use of artificial intelligence and advanced technology to create an ideal environment for patients 20 years in the future.

Overall rating of topic and facilitator during this lecture.


**Lecture 18 - Patient Safety: Achieving Zero Errors – T. Davis**

List two common root causes of patient injury.

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

Describe how to make a personal commitment to connect with and protect each individual patient.

Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Pediatric Pearls – K. Westra**

Define the pharmacodynamics and pharmacokinetic anesthesia considerations for pediatric and neonatal patients for general anesthesia care.

Overall rating of topic and facilitator during this lecture.


**Lecture 20 - Neuroanesthesia: Old, New and Emerging - K. Westra**

Define the key anesthetic considerations and strategies in managing patients undergoing intracranial surgical procedures.

State the impact of anesthetic agents and medications on neurophysiologic monitoring for intracranial and spinal surgical procedures.

State the importance of multimodal anesthetic approach to optimizing surgical exposure for intracranial surgical procedures.

Overall rating of topic and facilitator during this lecture.


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1 to 5

**Lecture 21 - PONV: One Drug Does Not Fit all Problems – S. Wooden**

Will be able to list the classes of pharmacologic agents that can effectively treat post-operative nausea and vomiting.

Define, Chemoreceptor trigger zone.

List ten factors that contribute to post-operative nausea and vomiting.

Overall rating of topic and facilitator during this lecture.


**Lecture 22 - Midazolam and Romazicon: An Excellent Partnership – S. Wooden**

Describe the role of pharmaceutical synergism in identifying the risks of Midazolam.

List at least one of the potential side effects of Romazicon.

Identify why midazolam reversal is superior to opioid reversal.

Overall rating of topic and facilitator during this lecture.


**Lecture 23 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) Update – S. Wooden**

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.

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.

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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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