

**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</b>
<b>1 to 5</b>

**Lecture 01 - Pharmacogenetics: A New Way of Thinking in the Era of Personalized Medicine – C. Biddle**

Appreciate how the patient's genome affects their response to drugs and technical interventions.

Overall rating of topic and facilitator during this lecture.


**Lecture 02 - 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 03 - 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 04 & 05 - 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 06 - 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.


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Rating 1 to 5
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**Lecture 07 - 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 08 - Obstetrical Emergencies – K. Westra**

List the most common complications 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, Ondansetron, and Tordal for the resuscitation of an amniotic fluid embolism Patient for Obstetrical Anesthesia care

Overall rating of topic and facilitator during this lecture.


**Lecture 09 - 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 10 - 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 11 - The Value of Anesthesia Closed Claims – C. Biddle**

Identify lessons learned from malpractice suits brought against the anesthesia provider.

Overall rating of topic and facilitator during this lecture.


**Lecture 12 - Bonus Credit: Infectious Disease Transmission in the Anesthesia Workstation – C. Biddle**

Describe strategies that mitigate our role in iatrogenic infections.

Overall rating of topic and facilitator during this lecture.


**Lecture 13 - 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.


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

**Lecture 14 - Creating a Preferred Workplace – T. Davis**

List three characteristics of an ideal workplace.  
Describe three indicators of highly engaged employees.  
Discuss the importance of professional development in a preferred workplace.  
Overall rating of topic and facilitator during this lecture.


**Lecture 15 - 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 16 - Challenging Anesthesia Dogma – C. Biddle**

Critically assess several dogmas that are routinely practiced in terms of contemporary evidence.  
Overall rating of topic and facilitator during this lecture.


**Lecture 17 - 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 18 - Bonus Credit: 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 19 - Hospital Patient Safety in 2019: The Call to do More and Better – C. Biddle**

Critique hospital-wide patient safety with a focus on where improvements must be made.  
Overall rating of topic and facilitator during this lecture.


**Lecture 20 - The Quest for a Substitute for Human Blood – C. Biddle**

Explain the multiple critical roles that hemoglobin plays in the body and why progress in synthesizing a substitute is so complex.

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Overall rating of topic and facilitator during this lecture.

**Lecture 21 - 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.


**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>

**Lecture 22 - 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 23 - 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.


**Overall Assessment**

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

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

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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