

**Spring on Hilton Head Island Encore Symposium: April 25 - 28, 2022**  
**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 - Neuroanesthesia Essentials: CPC Prep - 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.


**Lecture 02 - Acid Base Balance Essentials: CPC Prep - R. Shores**

Review chemistry and physics of acid base balance.

Describe compensatory mechanisms.

Discuss anesthetic implications and administration for local anesthetics.

Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Uptake and Distribution of Inhalation Agents: CPC Prep - 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.

Discuss the pharmacologic advantages and disadvantages of our current inhalational agents - desflurane, sevoflurane and isoflurane.

Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Non-opioid Anesthesia: A Look at Multi-Modal Therapy - K. Driscoll**

Provide 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 05 - Optimizing Perioperative Ventilation: CPC Prep - L. MacLean**

Review key aspects of respiratory anatomy & physiology.

Analyze common ventilator graphics.

Define and discuss lung protective ventilation and its benefits compared to traditional approaches.

Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Septic Patient Management: CPC Prep - R. Stagemeyer**

Review the pathophysiology of sepsis and the inflammatory process.

Discuss intraoperative management of the septic patient including fluid resuscitation, medication administration, and ventilation strategies.

Overall rating of topic and facilitator during this lecture.


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Rating 1 to 5
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**Lecture 07 - Cryoanalgesia: An Alternative Pain Management Technique - R. Stagemeyer**

- Review the anatomy most commonly treated with cryoanalgesia.
- Describe the mechanism of action of cryoanalgesia and the expected duration of action.
- Discuss the current use of cryoanalgesia and the potential future use.
- Review frequently asked questions about cryoanalgesia.
- Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Exparel in Peripheral Nerve Blocks and Plane Nerve Blocks - R. Stagemeyer**

- Review the pharmacology of Exparel.
- List and identify the FDA guidelines with Exparel and the drugs approved to be administered with Exparel.
- List and identify peripheral nerve blocks being used with Exparel.
- List and identify plane nerve blocks being used with Exparel.
- Discuss results seen with Exparel being used in peripheral nerve blocks.
- Overall rating of topic and facilitator during this lecture.


**Lecture 09 - Goal Directed Fluid Therapy: A New Way of Thinking - L. MacLean**

- Discuss the cellular and physiologic forces that influence fluid distribution.
- Explain the goal of directed fluid therapy.
- List 5 consequences of poorly controlled fluid management.
- Name 3 different techniques used to determine the patient's current fluid status.
- Describe recent evidence on the advantages and disadvantages of crystalloid and colloid products.
- Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Anesthesia Providers & Diversion: Discovery, Recovery & Re Integration or Anesthesia Care for the Recovering Substance Abuse Patient - K. Westra**

- Define the pharmacokinetics and pharmacodynamics of Naloxone and Suboxone for the substance addicted patient for General Anesthesia in the perioperative care setting.
- State the key preoperative considerations for pain management for the substance addicted patient for minor, moderate and major surgical procedures including patient education.
- Overall rating of topic and facilitator during this lecture.


**Lecture 11 - PONV: What is the Evidence - K. Driscoll**

- Describe the various pharmacologic and non-pharmacologic modalities to PONV.
- Provide an understanding to an Evidence Based approach to PONV.
- Provide a rationale for pre-emptive treatment.
- Overall rating of topic and facilitator during this lecture.


**Lecture 12 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) - 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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<b>Rating</b>
<b>1 to 5</b>

**Lecture 13 - CRNA Life: Making it to Retirement Safely - K. Westra**

List advantages and disadvantages of independent contractor status versus employee status in professional trajectory.

Define risk mitigation strategies for asset planning and protection for the CRNA to limit risk during potential medicolegal judicial proceedings.

Discuss the business considerations and tax implications of employment as an independent contractor versus an at will employee status.

Overall rating of topic and facilitator during this lecture.


**Lecture 14 - 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 15 - Approach to Home-meds in the Peri-op Setting: Blood Thinners, Herbals & OTCs, Cardiovascular, Diabetic, and Recreational Drugs - L. MacLean**

Discuss the historical context and increased prevalence of blood thinners, herbals & OTCs, cardiovascular, diabetic, and recreational drugs.

Identify indications of use for home medications.

Recall the pharmacokinetics and pharmacodynamics of these drugs.

Identify pertinent interactions between home medications and common anesthetic drugs.

Discuss the anesthetic implications of each home-med drug category and the necessary actions of the anesthesia provider.

Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Airway Management: What Could Possibly Go Wrong? - K. Driscoll**

List at least three methods to determine proper ET tube placement.

Describe the most common causes for "lost Airways".

Describe the classes of airways.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Legal Aspects: Avoiding Legal Battles and Preparing for Your Deposition - R. Stagemeyer**

Discuss common errors in documentation.

Review a legal case and discuss how to respond and document in this situation.

Review how to prepare for a deposition.

Discuss common instances that may lead to legal action.

Overall rating of topic and facilitator during this lecture.


**Lecture 18 - COVID Update: 2022 - K. Driscoll**

Outline the historical and epidemiological perspectives of COVID.

Describe the pathological progression and management of COVID.

Describe the emerging Pharmacologic Management of COVID patients.

Outline current Pharmacologic clinical trials for COVID as well as Pharmacologic Vaccine Updates.

Overall rating of topic and facilitator during this lecture.


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**Lecture 19 - Legal Conundrum from a CRNA Witness - K. Westra**

- 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.
- Identify why one drug will not treat all nausea problems.
- Outline a multimodal pharmacological approach.
- Overall rating of topic and facilitator during this lecture.


**Lecture 20 - Perioperative Considerations and Pharmacological Interventions for the Diabetic Patient - L. MacLean**

- Identify the current state and deleterious effects of diabetes on multi-organ systems.
- Describe the mechanism of action and pre-operative management of oral hypoglycemic agents.
- Describe the various types, mechanisms of action, and peri-operative management of insulin.
- Explain intra and post-operative glucose and insulin management best practices and algorithms.
- Overall rating of topic and facilitator during this lecture.


**Lecture 21 - Postoperative Nausea and Vomiting: Pharmacological Triggers, Obstetrical Emergencies Preventers, and Treatment Options - L. MacLean**

- Understand the pathophysiology of PONV.
- Identify patient, anesthetic, and surgical risk factors for PONV.
- Recall pharmacologic and non-pharmacologic preventative techniques.
- Identify PONV rescue therapies.
- Overall rating of topic and facilitator during this lecture.


**Lecture 22 - 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 Toradol for the resuscitation of an amniotic fluid embolism Patient for Obstetrical Anesthesia care.
- 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 1 to 5</b>
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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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