

**Discover Cape Cod Encore Symposium: September 18 - 21, 2023**  
**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 - Septic Patient Management – R. Stagemeyer**

Explain 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.


**Lecture 02 - Ketamine: Newest Updates – K. Westra**

Discuss the mechanism of action for ketamine for pain management and chronic pain syndromes.

State the pharmacokinetics of ketamine for use in chronic, resistant depressive disorder including emerging mental health disorders.

Review the pharmacological applications for use of Ketamine as an adjunct for chronic pain patients and patients with complex pain syndromes.

Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Intraoperative Optimization of the PS IV Patient – C. Burke**

Describe evidence-based strategies for ventilatory management of the PS IV patient.

Identify endocrine dysfunction in the PS IV patient and pharmacological interventions.

Understand the role of goal directed fluid therapy of the PS IV patient.

Explain the role and choice of vasopressors for the PS IV patient.

Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Understanding and Managing Acid-Base Balance in Anesthesia – R. Shores**

Review chemistry and physics of acid base balance.

Describe compensatory mechanisms.

Discuss the hemodynamic implications of acid base imbalances and define corrective pharmacological agent/infusions to maintain hemodynamic stability in anesthesia care.

Overall rating of topic and facilitator during this lecture.


**Lecture 05 - Introduction to Ultrasound: Physics, Knobology, and POCUS – S. Garner**

Discuss ultrasound physics and indications for ultrasound.

Understand ultrasound probe and machine features.

Understand how to obtain the optimal target image and needle visualization.

Recognize ultrasound anatomy for neuraxial and gastric ultrasound.

Interpret gastric ultrasound content and volume.

Overall rating of topic and facilitator during this lecture.


**Lecture 06 - 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.


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Rating 1 to 5
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**Lecture 07 - Postoperative Nausea and Vomiting Consensus: Are you Following the Recommendations? – C. Burke**

Identify the risk factors associated with postoperative nausea and vomiting.

Discuss factors that reduce the baseline risk factors for postoperative nausea and vomiting.

Describe the most effective antiemetic single drug and combination therapy regimens.

Identify the optimal dosing and timing of antiemetic prophylaxis.

Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Anesthesia and Cancer Recurrence: What We Do MATTERS – K. Westra**

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.


**Lecture 09 - Anesthesia Considerations for the Asthmatic Patient – R. Stagemeyer**

Review the pathophysiology of asthma.

Review the latest pharmacology being used inside and outside of the operating room.

Explain how to best assess asthmatic patients prior to undergoing anesthesia.

Define the best practices for managing asthmatic patients receiving anesthesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Legal Aspects: Avoiding Legal Battles and Preparing for Your Deposition – R. Stagemeyer**

State common errors in documentation.

Engage in a case review and describe how to avoid and respond in this situation.

Describe 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 11 - Advances in Regional Anesthesia for Orthopedics: New Blocks and New Tricks for Old Blocks – S. Garner**

Explain the benefits of peripheral nerve blocks for orthopedic surgery.

Discuss upper extremity blocks.

Discuss lower extremity blocks.

Overall rating of topic and facilitator during this lecture.


**Lecture 12 - QL and ESP Blocks: The Holy Grail of Truncal Analgesia – S. Garner**

Identify the indications for quadratus lumborum and erector spinae plane blocks.

Recognize ultrasound anatomy for quadratus lumborum and erector spinae plane blocks.

Discuss potential side effects and complications for each block.

Overall rating of topic and facilitator during this lecture.


**Lecture 13 - 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 14 - Patient Safety and Positive Deviance: How to Make a Difference – C. Burke**

Describe errors in anesthesia practice.

Identify quality improvement programs to improve and measure anesthesia safety.

Discuss perioperative patient safety threats.

Identify strategies for the anesthesia provider to improve patient safety.

Overall rating of topic and facilitator during this lecture.


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Rating 1 to 5

**Lecture 15 - Hospital Acquired Infections and the Anesthesia Provider: We've All Been Slimed – C. Burke**

Identify anesthesia providers potential role in hospital acquired infections.  
Review the updated AANA infection control guidelines.  
Discuss the CDC "One and Only Campaign."  
Define the medications used in both prophylactic and therapeutic treatment of hospital acquired infections.  
Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Management of an Anaphylactic Reaction – R. Stagemeyer**

List the common triggers leading to anaphylaxis in anesthesiology.  
Review the pathophysiology of anaphylaxis.  
Review pharmacology and other modalities to best treat an anaphylactic reaction.  
Review pharmacologic options for the high-risk patient will be reinforced.  
Overall rating of topic and facilitator during this lecture.


**Lecture 17 - Regional Anesthesia Complications: Protecting Your Patients and Yourself – S. Garner**

Discuss evidence-based approaches to regional anesthesia.  
Discuss complications and controversies in regional anesthesia.  
Implement effective and safe changes to their regional anesthesia practice.  
Overall rating of topic and facilitator during this lecture.


**Lecture 18 - Pharmacological Review of Local Anesthetics and Adjunctive Agents – S. Garner**

Discuss pharmacodynamics and pharmacokinetics of local anesthetics.  
Discuss common local anesthetics used in regional anesthesia.  
Discuss pharmacodynamics of various local anesthetic adjuncts used in regional anesthesia.  
Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Cannabis and Anesthesia: Are You Prepared? – C. Burke**

Describe the pharmacokinetics of endocannabinoids.  
Identify the effect of cannabis on other medications  
Develop a preoperative plan for patients using cannabis.  
Discuss intraoperative considerations for patients using cannabis.  
Overall rating of topic and facilitator during this lecture.


**Lecture 20 - Postoperative Cognitive Dysfunction: Are We to Blame? – C. Burke**

Describe the physiologic age-related changes.  
Discuss preoperative evaluation of the geriatric and the domains of cognitive function.  
List the anesthetic agents including inhalational medications that increase the incidents of POCD and define agents that lower incidents of POCD.  
State the impact of pharmacokinetics and pharmacodynamics of anesthesia medications used in geriatric anesthesia care.  
Overall rating of topic and facilitator during this lecture.


**Lecture 21 - Review of Medications Used in Obstetric Management – R. Stagemeyer**

Review the pharmacology of the most frequently used medications used in obstetric anesthesia care.  
State the optimal dosing and administration of commonly used medications in obstetric anesthesia.  
Discuss the updates in the research in order to optimize care for obstetric patients.  
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 - Alternative Nerve Block Approaches for Shoulder Analgesia – S. Garner**

Understand the anatomy of the shoulder.

Discuss advantages and disadvantages of various peripheral nerve block techniques for shoulder analgesia.

Recognize ultrasound anatomy for various peripheral nerve block techniques for shoulder analgesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 23 - Pediatric Anesthesia Essentials – K. Westra**

Discuss pediatric medication dosage considerations for anesthesia medications and adjunct medications including fentanyl, local anesthesia medications.

Review the pharmacokinetic considerations for pediatric patients undergoing general anesthesia with consideration for renal and hepatic growth and development.

Discuss the use of dexmetomidate for emergence delirium in pediatric patients undergoing general anesthesia.

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
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The facilitator was 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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