

**Sedona Red Rock and Grand Canyon Adventure Encore Symposium
Learner Assessment and Program Evaluation
November 11-14, 2024**

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

Rating
1 to 5

Lecture 01 - Everything, Everyone Should Know About Pain Management - 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 02 - Traumatic Airways: Including Pediatrics - M. Talon

Differentiate the anatomical differences with pediatric airways.
Describe the use of Mallampati thyromental distance in the 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 03 - Anesthesia: Pediatric Considerations - M. Talon

Analyze 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).
Revisit and compare airway techniques in the management of pediatric patients.
Overall rating of topic and facilitator during this lecture.

Lecture 04 - Sepsis and Inflammation: Current Trends in Anesthesia Management - K. Westra

Discuss 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.
Discuss the statistical incidence and the population at risk for developing sepsis.
Discuss the pathophysiology associated with sepsis.
Discuss the pharmacological management of sepsis.
Overall rating of topic and facilitator during this lecture.

Lecture 05 - Intraoperative Optimization of the PS IV Patient – C. Burke

Describe the regional anesthesia options for the trauma patient.
List the necessary preparation of the OR for the trauma patient.
Describe the risks and benefits of pharmacologic options for the trauma patient.
Describe the pros and cons of the various hemodynamic monitoring options for trauma patients.
Overall rating of topic and facilitator during this lecture.

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Rating 1 to 5

Lecture 06 - Anesthesia: Cardiac Valvular Disorders for Non-Cardiac Surgery - K. Westra

State the perioperative hemodynamic goals for patients with aortic stenosis in regional and inhalation anesthesia.

State the hemodynamic goals for patients for patients with mitral valve stenosis for general anesthesia.

State the pharmacological considerations for patients with mitral valve regurgitation for general anesthesia.

Overall rating of topic and facilitator during this lecture.

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 - Best Practice Options in Trauma - K. Westra

Describe the regional anesthesia options for the trauma patient.

List the necessary preparation of the OR for the trauma patient.

Describe the risks and benefits of pharmacologic options for the trauma patient.

Describe the pros and cons of the various hemodynamic monitoring options for trauma patients.

List the risks and benefits of sedation in trauma patients.

Overall rating of topic and facilitator during this lecture.

Lectures 09 - Latest in Brain Function Monitoring - C. Burke

List the available brain function monitoring techniques.

Describe the benefits of brain function monitoring.

Describe the limitations of brain function monitoring.

List the patients who may benefit from brain function monitoring.

Overall rating of topic and facilitator during this lecture.

Lecture 10 - Failure to Treat Pain - S. Wooden

Discuss the pharmacokinetics and pharmacodynamics of opioid pain medications in perioperative anesthesia care including risks and benefits.

Overall rating of topic and facilitator during this lecture.

Lecture 11 - Age Related Considerations - S. Wooden

Define pharmacokinetic and pharmacodynamic considerations in perioperative anesthesia care for the extremes of ages including neonates and geriatric patients.

Overall rating of topic and facilitator during this lecture.

Lecture 12 - Management of an Anaphylactic Reaction - S. Wooden

Discuss the common triggers leading to anaphylaxis in anesthesiology.

Review the pathophysiology of anaphylaxis.

Review pharmacology and other modalities to best treat an anaphylactic reaction.

Explore the pharmacologic options for the high-risk patient will be reinforced.

Overall rating of topic and facilitator during this lecture.

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Lecture 13 - Have Been Sued, What Now? What Should I Expect? - S. Wooden

Define the four components of a medical malpractice suit.

Define the role of a medical malpractice expert witness.

Overall rating of topic and facilitator during this lecture.

Lecture 14 - 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 15 - For Your Eyes Only: From Corneal Abrasions to Visual Loss in Anesthesia - K. Westra

Discuss the incidence, risk factors, and physiology of corneal abrasions in anesthesia care.

Define the Ophthalmic medications and mechanism of action including treatment regime for corneal abrasions following anesthesia care.

Discuss incidence, risk factors, and physiology of postoperative vision loss after anesthesia care.

Define the vasoactive medications and pharmacological adjuncts used during spine surgery to reduce the risk of Postoperative vision loss.

Overall rating of topic and facilitator during this lecture.

Lecture 16 - Compassion Fatigue: Are You at Risk? - C. Burke

List the differences between compassion fatigue and burnout.

Identify the signs and symptoms of compassion fatigue.

List strategies to address/mitigate compassion fatigue.

Describe how to prevent compassion fatigue before it occurs.

Overall rating of topic and facilitator during this lecture.

Lecture 17 - 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 18 - 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 19 - Anesthesia Business: Are You Valued? - K. Westra

Discuss the difference between 1099 independent contractors and W2 employed individuals including tax implications, short- and long-term financial strategy and planning.

Overall rating of topic and facilitator during this lecture.

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Lecture 20 - Remimazolam Coming to a Pyxis Near You - C. Burke

Describe the pharmacokinetics and pharmacodynamics of remimazolam.

List the side effects of remimazolam.

List the clinical applications of remimazolam.

Compare remimazolam and dexmedetomidine for intraoperative sedation.

Overall rating of topic and facilitator during this lecture.

Lecture 21 - Review of Medications Used in Obstetric Management - S. Wooden

Review the pharmacology of the most frequently used medications used in obstetric anesthesia care.

Discuss optimal dosing and administration of commonly used medications in obstetric anesthesia.

Discuss the updates in research in order to optimize care for obstetric patients.

Overall rating of topic and facilitator during this lecture.

Lecture 22 - Exparel in Peripheral Nerve Blocks and Plane Nerve Blocks - S. Wooden

Define the mechanism of action including pharmacokinetics for Exparel and peripheral nerve blocks and plane nerve blocks for 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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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.

State any barriers to implement this change.

What future topics would you like presented?
