

Spring on Hilton Head Island Encore Symposium: May 20 - 23, 2024
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

Rating
1 to 5

Lecture 01 - Pharmacologic Updates: Recent and Future Drugs and Delivery: CPC Prep - K. Westra

Identify and review the implications of newer medications with anesthetic complications.

Overall rating of topic and facilitator during this lecture.

Lecture 02 - Understanding and Managing Acid-Base Balance in Anesthesia: CPC Prep - K. Westra

Review chemistry and physics of acid-base balance.

Describe compensatory mechanisms.

Overall rating of topic and facilitator during this lecture.

Lecture 03 - Comfortably Numb Local Anesthetics: CPC Prep - K. Westra

Explain the pharmacokinetics and mechanism of action for local anesthetic medications.

Define the anesthesia implications and adverse effects related to local anesthetics using evidence-based practices.

State the management of local anesthetic toxicity.

Overall rating of topic and facilitator during this lecture.

Lecture 04 - Considerations for Anesthesia in Patients with Endocrine Disorders: CPC Prep - M. Talon

Explain the common endocrine disorders and their etiologies.

Describe the associated signs and symptoms of related endocrine pathology.

Examine the anesthetic implications and management modalities.

Explain the pharmacokinetics and mechanisms of action for perioperative pharmacologic management for each endocrine disorder.

Overall rating of topic and facilitator during this lecture.

Lecture 05 - Malignant Hyperthermia: Do You Really Know Everything: CPC Prep - M. Talon

Explain the mechanism of action by which the volatile anesthetics and depolarizing muscle relaxants trigger Malignant Hyperthermia.

Describe the DNA variants that make the ryanodine receptor susceptible to succinylcholine and volatile anesthetics.

Examine possible links to other disorders.

Discuss new information related to Malignant Hyperthermia and non-anesthesia related conditions that may or may not be associated with Malignant Hyperthermia.

Overall rating of topic and facilitator during this lecture.

Lecture 06 - Innovations in Hemodynamic Monitoring and Recent Advancements in Technology: CPC Prep - M. Talon

Discuss the advantages and disadvantages of arterial hemodynamic measurements including volume calculations.

Review the concepts of volume management vs. pressure management for volume resuscitation.

Discuss the utilization of pulses pressure and stroke volume variations in identifying volume issues with patients.

Discuss the new concepts and methodologies in monitoring hemodynamic changes.

Overall rating of topic and facilitator during this lecture.

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Lecture 07 - Patient Safety: Avoiding Errors - M. Talon

- Explain the definitions related to medical errors.
- Examine the types of medical errors.
- Compare avoidance techniques to decrease medical errors.
- Identify the impact of medical error.
- Overall rating of topic and facilitator during this lecture.

Lecture 08 - Ethics and Legal Considerations in the Peri-Anesthetic Environment - M. Talon

- Discuss the current controversial topics in patient care.
- Discuss case scenarios.
- Develop a collaborative plausible approach to deal with ethical scenarios.
- Review the common ethical and legal terms.
- Overall rating of topic and facilitator during this lecture.

Lecture 9 - 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."
- Describe strategies to assist the anesthesia provider in preventing hospital acquired infections.
- Overall rating of topic and facilitator during this lecture.

Lecture 10 - 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 11 - Anesthesia as a Business: 1099 Secrets - 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.

Lecture 12 - 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.

Lecture 13 - Perioperative Ventilation: What' New in Protective Lung Strategy - K. Westra

- Define the three key components of protective lung ventilation for general anesthesia care including reduced tidal volumes, implementation of positive end expiratory pressure and reduced oxygen settings.
- Discuss the risks of adverse pulmonary complications in general anesthesia using large tidal volumes in general anesthesia care.
- Overall rating of topic and facilitator during this lecture.

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Lecture 14 - Damage Control: Fluids & Resuscitation - K. Westra

Discuss the pharmacokinetics and pharmacodynamics of medications used in Massive Transfusion protocols including Tranexamic Acid.

Discuss best practices in fluid resuscitation including blood product infusion ratios and medications commonly given concomitantly in trauma anesthesia care.

Overall rating of topic and facilitator during this lecture.

Lecture 15 - 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 16 - Postoperative Cognitive Dysfunction: Are We to Blame? - C. Burke

Describe the physiologic age-related changes.

Discuss preoperative evaluation of the older adult.

Identify the domains of cognitive function.

Identify anesthetic techniques and their impact on cognitive dysfunction.

Overall rating of topic and facilitator during this lecture.

Lecture 17 - A Potpourri of Hybrid Room Cases: What's New? - K. Westra

Discuss the key anesthetic considerations for TCAR and Neurovascular procedures in the Hybrid room including pharmacological medications and hemodynamic considerations.

Overall rating of topic and facilitator during this lecture.

Lecture 18 - Best Practice Options in Trauma - C. Burke

Describe the regional anesthesia options for the trauma patient.

List the necessary preparation of the OR 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.

Lecture 19 - Postoperative Nausea and Vomiting Consensus: Are You Following the Recommendations? - C. Burke

Discuss the pharmacokinetic and dynamic considerations for Post operative Nausea & Vomiting prophylaxis in anesthesia care.

Define the current best practices for medications used to treat at risk patients for Post operative Nausea & Vomiting in anesthesia care.

Overall rating of topic and facilitator during this lecture.

Lecture 20 - Anesthesia and Pharmacogenetics - 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.

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Lecture 21 - Cardiac Conundrums: What You Need to Know About Stents, Pacemakers, Cardiac Risk Factors in Anesthesia Care - K. Westra

Discuss the pharmacological agents used for patients with cardiac risk factors including coronary disease & dysrhythmias.

Define hemodynamic goals and considerations for patients with coronary disease & dysrhythmias including vasoactive medications/infusions.

Overall rating of topic and facilitator during this lecture.

Lecture 22 - OB Anesthesia Care: Critical Anesthesia Anesthesia Scenarios - K. Westra

Discuss the key anesthesia considerations for placental abruption and maternal hemorrhage including fluid resuscitation, pharmacological medication management with Tranexamic Acid and Vasoactive medications with mechanism of actions.

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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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.

State any barriers to implement this change.

What future topics would you like presented?
