

Naples & Everglades National Park Escape Encore Symposiums: March 21-24, 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

Rating 1 to 5

Lecture 01 - Use of Low Flow Anesthesia: Reduction in Cost, Waste, and Environmental Impact - R. Shores

- Review pharmacological properties of Inhalation agents.
- Review Uptake and Distribution basics.
- Review anesthesia machine basics.
- Identify inhalation agent costs.
- Discuss strategies to reduce inhalation agent costs.
- Provide results of available data regarding cost savings strategies.
- Overall rating of topic and facilitator during this lecture.

Lecture 02 - The Cardiac Patient: Anesthetic Risk Factors, Cardiac Output, Noninvasive Measurements - S. Cirese

- Discuss the risk factors associated with cardiac patients and implications for anesthetic management.
- Discuss and identify the components of cardiac output and physiological variables that impact.
- Discuss noninvasive measurements of cardiac output to include CHEETAH.
- Overall rating of topic and facilitator during this lecture.

Lecture 03 - Technology in Anesthesia: Understanding Ventilation - M. Talon

- Explain the effects of Covid19 and ARDS on the respiratory system.
- Describe the physiological effects of hypercapnia, and hypoxia.
- Compare the modes of ventilation and types of ventilation.
- Describe options to improve oxygenation and ventilation.
- Overall rating of topic and facilitator during this lecture.

Lecture 04 - Neuroanesthesia for the Occasional Neuroanesthetist - K. Westra

- Discuss the anesthesia medications and adjunct medications used for intracranial procedures in neuroanesthesia to optimize the "slack brain" for surgical exposure.
- State the pharmacokinetic and pharmacodynamics of Mannitol, Lasix, Levetiracam for intracranial procedures under general anesthesia.
- Discuss the use of remifentanyl, dexmetomidate and propofol infusions for intracranial procedures under neuromonitoring.
- Overall rating of topic and facilitator during this lecture.

Lecture 05 - Anesthesia and Cancer Recurrence - T. Davis

- Discuss the link between immunosuppression, inflammation and cancer recurrence.
- Identify two drugs to avoid using during removal of a primary cancer tumor.
- 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

Lecture 07 - Physiology of Aging and the Art of Geriatric Anesthesia - T. Davis

State at least one effect of aging on the heart, lung, kidney and brain.
Discuss the implications of cognitive dysfunction related to executive functions of the brain.
State the pharmacokinetic and pharmacodynamics considerations for anesthesia care for patients receiving Exparel for orthopedic joint replacements.
Overall rating of topic and facilitator during this lecture.

Lecture 08 - Opioid Free Anesthesia: OFA - K. Westra

Discuss anesthesia medications and adjuncts used in opioid free anesthesia including lidocaine, ketamine, magnesium, Esmolol and Dexmetomidate.
Review the mechanism of action of Lidocaine on the pain pathway including spinothalamic tract and dorsal horn of the spinal vertebrae.
Review indications and contraindications for Opioid Free Medication techniques including Lidocaine, Magnesium, Ketamine.
Overall rating of topic and facilitator during this lecture.

Lectures 09 - New Drugs in Anesthesia Practice: Sugamadex, Exparel, Ryanode - K. Westra

State the pharmacokinetic and pharmacodynamics considerations for anesthesia care for patients receiving Ryanodex for Malignant Hyperthermia.
State the pharmacokinetic and pharmacodynamics considerations for anesthesia care for patients receiving Exparel for orthopedic joint replacements.
State the pharmacokinetic and pharmacodynamics considerations for patients who receive Sugamadex for the cannot intubate cannot ventilate anesthesia care scenario.
Procedures in the OR.
Overall rating of topic and facilitator during this lecture.

Lecture 10 - 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 11 - Management of Acute Burn Patients - M. Talon

Identify the anesthetic implications and best practice application of principles of pharmacology.
Explore the perioperative considerations that differentiate burn patients.
Examine the physiology of acute burns.
Explore the considerations for inhalation injury.
Examine fluid resuscitation and estimating blood loss.
Examine the management of extreme airway conditions.
Overall rating of topic and facilitator during this lecture.

Lecture 12 - Postoperative Complications: Common/Uncommon or Unthought-of - M. Talen

Explore the basic postoperative complications related to anesthetics.
Examine the pathophysiology of heparin-induced thrombocytopenia and paralytic ileus.
Explore the treatment and anesthetic options for controlling certain uncommon complications.
Examine pharmacologic and non-pharmacologic methods for decreasing these complications.
Overall rating of topic and facilitator during this lecture.

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Lecture 13 - 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 14 - Values Based Teambuilding - T. Davis

Understand the importance of value-based hiring in the team building process.
Gain an understanding and appreciation for personal values and their alignment with team values.
Describe two ways to enhance team performance through the use of common values.
Overall rating of topic and facilitator during this lecture.

Lecture 15 - 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 16 - 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 17 - Anesthesia for Parkinson's and Deep Brain Stimulation - K. Westra

List the anesthesia medications used in deep brain stimulation including Propofol, Remifentanyl, Dexmetomidate including advantages for deep brain procedures for patients with Parkinson's Disease.
Discuss the medications used for Parkinson's Disease and the interactions and implications for anesthesia medications utilized in general anesthesia for Parkinson's patients.
Discuss the implication of Methyldopa in preoperative and postoperative care of the Parkinson's patients undergoing general anesthesia for non-deep brain stimulation procedures.
Overall rating of topic and facilitator during this lecture.

Lecture 18 - Anesthesia Care for the Recovering Substance Abuse - 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.

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Rating
1 to 5

Lecture 19 - 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.

Make a personal commitment to connect with and protect each individual patient.

Overall rating of topic and facilitator during this lecture.

Lecture 20 - Innovations in Hemodynamic Monitoring and Recent Advancements in Technology - 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.

Lecture 21 - Malignant Hyperthermia: Do You Really Know Everything? - M. Talon

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

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

Become aware of possible links to other disorders.

Become updated on newer 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.

Overall Assessment

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

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Rating
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?
