

Discover Cape Cod 2021 Encore Symposium: September 20 - 23, 2021

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 - Hot Topics: Covid and Beyond-Implications for Anesthesia Practice - K. Westra

State the signs & symptoms of COVID 19 including onset time for symptoms in infected individuals.

Discuss the evolution of COVID 19 variant viruses in the COVID 19 pandemic including impact on response to

Vaccine immunity

State most common side effects of COVID 19 Vaccine administration in adults

Overall rating of topic and facilitator during this lecture.

Lecture 02 - Anesthesia Case Reports: What Went Wrong - K. Westra

List and identify common pharmaceutical errors that are occurring that when eliminated can improve patient outcomes.

List and identify various techniques and options for investigating evidence to determine options for improving care of the patient undergoing anesthesia.

Overall rating of topic and facilitator during this lecture.

Lecture 03 - Multimodal Anesthesia Strategies: Narcotic Sparing Techniques - C. Frederick

Identify the continuing challenges in post op pain management.

Describe the newer concepts of the complex biochemistry involved in pain transmission.

Discuss existing data supporting practice changes: "Preventive analgesia", Multimodal therapy.

Identify system changes which might diminish narcotic use in surgical patients.

Overall rating of topic and facilitator during this lecture.

Lecture 04 - Acute Lung Injury: ARDS and COVID - M. Talon

Explain the effects of Covid-19 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 05 - Anesthesia 101; Machines, Vaporizers, and Agents - T. Davis

Compare and contrast the fail-safe mechanism with the mechanically linked, minimum oxygen flow assembly.

Describe the flow of gas through a variable bypass vaporizer.

Explain the relationship between the vapor pressure of Desflurane and the need for a pressurized, heated vaporizing chamber.

Overall rating of topic and facilitator during this lecture.

Lecture 06 - Aging and Cognitive Dysfunction - T. Davis

Correlate the physiology of aging with altered anesthetic requirements in the elderly patient.

Appreciate both pharmacologic and non-pharmacologic factors that contribute to cognitive dysfunction.

Describe factors controlled by the anesthetist that could reduce the incidence of postoperative cognitive dysfunction.

Overall rating of topic and facilitator during this lecture.

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Rating
1 to 5

Lecture 07 - Residual Neuromuscular Blockade and Sugammadex - C. Frederick

Review the current evidence surrounding the issue of residual neuromuscular blockade and best monitoring practices.

Describe best practices for minimizing the risk of RNMB.

Discuss the approval of Sugammadex – risks associated with its use and the benefits it has in reducing RNMB.

Overall rating of topic and facilitator during this lecture.

Lecture 08 - Anesthesia Machine: Tricks and Tips for the Pandemic - K. Westra

List and identify new clinically relevant technology to enhance patient care.

Demonstrate an understanding of alternative technology evolutions and styles and how to implement them.

Overall rating of topic and facilitator during this lecture.

Lecture 09 - Ethics and Legal Considerations in the Peri-anesthetic Environment - M. Talon

Discuss current controversial topics in patient care.

Discuss case scenarios.

Develop a collaborative plausible approach to deal with ethical scenarios.

Review common ethical and legal terms.

Overall rating of topic and facilitator during this lecture.

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

Discuss 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 11 - 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.

Lecture 12 - Values-based Teambuilding - T. Davis

Describe the importance of value-based hiring in the team building process.

Understand and appreciate the necessity for personal values to align with team and organizational values.

State the advantage of using corporate values when delivering performance reviews or disciplinary counseling.

Overall rating of topic and facilitator during this lecture.

Lecture 13 - Anesthesia and Pediatric Considerations - M. Talon

Describe the anatomical differences that make pediatric airway management different.

Identify the possibilities 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.

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Lecture 14 - Postoperative Complications: Common/Uncommon or Unthought-of - M. Talon

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.

Lecture 15 - Pharmacogenetics and Personalized Anesthesia - C. Frederick

List and identify basic genetic traits and pathways and how to use these pathways

and traits to promote better patient outcomes.

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 16 - A Review of Perioperative Hypotension and Shock and Goal Directed Therapy - C. Frederick

Discuss the definitions and pathophysiology associated with hypotension and shock.

Review the multiple perioperative causes of hypotension and shock.

Discuss best practices for goal directed therapy of intra-operative hypotension.

Overall rating of topic and facilitator during this lecture.

Lecture 17 - An Update on Airway Management - C. Frederick

Describe the ongoing issues with airway management via closed claims analysis.

Discuss current evidenced based airway assessment.

Describe the 4 basic airway management modalities and the limitations of the many tools used in each of these modalities.

Overall rating of topic and facilitator during this lecture.

Lecture 18 - A Review of Hypertension and Evidence Based Guidelines for Perioperative Management - C. Frederick

Discuss the current understanding of the pathophysiology of hypertension.

Review the pre-operative evaluation and testing for the patient with hypertension.

Discuss best practice for goal directed therapy of intra-operative hypertension.

Overall rating of topic and facilitator during this lecture.

Lecture 19 - Anesthesia Challenges: Antidotes, Adversity, Solutions - K. Westra

List and identify evidenced based pharmacology practice and to prevent and/or treat

List and identify understanding and interpreting evidenced based practice for using

Overall rating of topic and facilitator during this lecture.

Lecture 20 - 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 21 - Technology in Anesthesia; Past, Present, and Future - T. Davis

Identify the contribution of CRNAs to the advancement of technology from open drip ether to modern anesthesia machines.

State an example of the use of artificial intelligence in current medical practice.

Describe the use of artificial intelligence and advanced technology to create an ideal.

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 facilitator was 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?
