

Destin Emerald Coast Escape Encore Symposium: March 20-23, 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

Rating
1 to 5

Lecture 01 - Comfortably Numb: A Review of Local Anesthetic Management - R. Shores

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 02 - Understanding and Managing Acid-Base Balance in Anesthesia - R. Shores

Review chemistry and physics of acid base balance.
 Describe compensatory mechanisms.
 Overall rating of topic and facilitator during this lecture.

Lecture 03 - Damage Control-Fluids & Resuscitation - K. Westra

State the key anesthesia considerations for Hemorrhagic Trauma patient including implementation and utilization of a massive transfusion protocol.
 State physiological considerations for massive hemorrhagic shock including damage control, permissive hypotension and transfusion resuscitation ratios.
 Overall rating of topic and facilitator during this lecture.

Lecture 04 - Anesthesia and Endocrine Disorders - 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 - Optimizing Perioperative Ventilation - L. MacLean

Review key aspects of respiratory anatomy & physiology.
 Recall techniques to improve patient perioperative respiratory status.
 Define and discuss lung protective ventilation as well as the optimization of ventilator modes and settings.
 Analyze common ventilator graphics.
 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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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.

Lectures 08 - Goal Directed Fluid Therapy: A New Way of Thinking - L. MacLean

Discuss the cellular and physiologic forces that influence fluid distribution.
Explain goal directed fluid therapy.
List 5 consequences of poorly controlled fluid management.
Evaluate the accuracy of different techniques used to determine current fluid status.
Overall rating of topic and facilitator during this lecture.

Lectures 09 - Postoperative Nausea and Vomiting: Pharmacologic Triggers, Preventers, and Treatment Options - L. MacLean

Understand the pathophysiology of PONV.
Identify patient, anesthetic, and surgical risk factors for PONV.
Recall pharmacologic and non-pharmacologic preventative techniques.
Identify PONV rescue therapies.
Overall rating of topic and facilitator during this lecture.

Lectures 10 - Anesthesia for Laser Surgery - M. Talon

Explain the basic principles behind laser technology.
Identify the common medical lasers used.
Describe the hazards and safety measures associated with laser therapy.
Discuss considerations for various anesthetic techniques and pharmacological choices.
Overall rating of topic and facilitator during this lecture.

Lecture 11 - 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 12 - Traumatic Airways: Including Pediatrics - M. Talon

Differentiate the anatomical differences with pediatric airways.
Describe the use of Mallampati thyromental distance in 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.

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Lectures 13 - Approach to Home-meds in the Peri-op Setting: Blood Thinners, Herbals & OTCs, Cardiovascular, Diabetic, and Recreational Drugs - L. MacLean

Identify indications of use for specific home medications.
Recall the pharmacokinetics and pharmacodynamics of these drugs.
Identify pertinent interactions between home medications and common anesthetic drugs.
Discuss the anesthetic implications of each home-med drug category and the necessary actions of the anesthesia provider.
Overall rating of topic and facilitator during this lecture.

Lectures 14 - Perioperative Considerations and Pharmacologic Interventions for the Diabetic Patient - L. MacLean

Identify the current state and deleterious effects of diabetes on multi-organ systems.
Describe mechanism of action and pre-operative management of oral hypoglycemic agents.
Describe the various types, mechanism of action, and pre-operative management of insulin.
Explain peri-operative glucose and insulin management best practices and algorithms.
Overall rating of topic and facilitator during this lecture.

Lecture 15 - How Low Can You Go! Perioperative Hypotension & Goal Directed Therapy Evidence-Based Approach - K. Westra

Describe 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 16 - Over the Top! Hypertension & Evidence-Based Guidelines for Perioperative Management - K. Westra

Discuss the current understanding of the pathophysiology of hypertension.
Review the pre-operative evaluation and testing for the patient with hypertension.
Describe best practice for goal directed therapy of intra-operative hypertension.
Overall rating of topic and facilitator during this lecture.

Lecture 17 - Multimodal Anesthesia Strategies: Narcotic Sparing Techniques - K. Westra

Explain 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 18 - Anesthesia Care for Total Joint Procedures - K. Westra

Define the importance of a multimodal pain management approach in the care of total joint patients in the perioperative care setting.
Discuss the pharmacokinetics of tranexamic acid and its implications in total joint procedures.
Overall rating of topic and facilitator during this lecture.

Lecture 19 - Inflammatory Disease Anesthetic Management - K. Westra

Describe 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.
Overall rating of topic and facilitator during this lecture.

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Lecture 20 - Anesthesia: Pediatric Considerations - M. Talon

Describe 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.).

Identify and compare airway techniques in the management of pediatric patients.

Overall rating of topic and facilitator during this lecture.

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

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?
