

**Clearwater Anesthesia Beach Retreat: March 24-27, 2025**  
**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

<b>Rating</b> <b>1 to 5</b>
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**Lecture 01 - Anesthesia Considerations for the Asthmatic Patient - S. Wooden**

Review the pathophysiology of asthma.  
 Discuss the latest pharmacology being used inside and outside of the operating room.  
 Define best practices for managing asthmatic patients receiving anesthesia.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 02 - 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.  
 Define the pharmacologic options for the high-risk patient.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Anesthesia Care for Endocrine Patients: Soup to Nuts, What You Need to Know - M. Talon**

Define most common endocrine disorders and key anesthetic management considerations including pharmacologic agents and anesthesia management contents.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 04 - 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 05 - Best Practice for Cardiac Patients: A Comprehensive Review - K. Westra**

Discuss evidence-based anesthetic medication selection for cardiac patients for non-cardiac surgery.  
 Define hemodynamic goals using vasoactive medication.  
 Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Troubleshooting Pulmonary Issues in Anesthesia: Common & Uncommon Conundrums - K. Westra**

Define the physiological considerations for management of COPD, Asthma, Pulmonary Hypertension, Negative Pressure Pulmonary Edema in anesthesia care in the intraoperative environment.  
 Discuss the pharmacological agents and mechanism of action in treatment of patients with both acute & chronic pulmonary conditions.  
 Overall rating of topic and facilitator during this lecture.


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**Lecture 07 - Patient Safety: Avoiding Medication 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.


**Lectures 08 - Perioperative Complications Common, Uncommon or Unthought-of - M. Talon**

Define the basic postoperative complications related to anesthetics.  
Examine the pathophysiology of heparin-induced thrombocytopenia and paralytic ileus.  
Review 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 09 - 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.


**Lectures 10 - 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.


**Lectures 11 - Everything, Everyone Should Know About Pain Management Part I - 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.


**Lectures 12 - Everything, Everyone Should Know About Pain Management Part II - 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.


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Rating 1 to 5
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**Lectures 13 - For Your Eyes Only: From Corneal Abrasions to Visual Loss in Anesthesia - L. MacLean**

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.


**Lectures 14 - OB Anesthesia Care: Critical 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.


**Lecture 15 - I 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 16 - NPO: Or Why We Starve Our Patients Before Surgery - S. Wooden**

Identify the evidence surrounding the use of common pharmaceutical agents for the prevention of aspiration.

List at least five aspiration risks for anesthesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - 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 18 - Cryoanalgesia: An Alternative Pain Management Technique - S. Wooden**

Review the anatomy most commonly treated with cryoanalgesia.

Describe the mechanism of action of cryoanalgesia and the expected duration of action.

Discuss the current use of cryoanalgesia and the potential future use.

Review frequently asked questions about cryoanalgesia.

Overall rating of topic and facilitator during this lecture.


**Lecture 19 - 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.


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

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Rating 1 to 5
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**Lecture 20 - 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.


**Lecture 21 - 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 22 - Management of Acute Burn Patients - M. Talon**

Review perioperative considerations that differentiate burn patients.

Define the physiology of acute burns.

Describe the considerations for inhalation injury.

Review fluid resuscitation and estimating blood loss.

Examine the management of extreme airway conditions.

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
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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.

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State any barriers to implement this change.

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What future topics would you like presented?

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