

**Newport Mansion Seaside Experience: September 21-24, 2020**  
**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>

**Lecture 01 - Lidocaine: More than a Regional Anesthetic – C. Frederick**

Describe the physiologic mechanism by which local anesthetics exert an anti-inflammatory affect.

Discuss research evidence for its efficacy.

Describe systemic local anesthetic use as part of a multimodal pain plan.

Overall rating of topic and facilitator during this lecture.


**Lecture 02 - Neuroendocrine Tumors: Pathophysiology, Anesthetic Management and Use of Octreotide – S. Ciresi**

Discuss and Identify pharmacological agents used to treat Neuroendocrine tumors.

Discuss the pharmacologic anesthetic management for neuroendocrine tumors.

Discuss the pharmacology of octreotide to include side effects and impact on anesthetic management.

Overall rating of topic and facilitator during this lecture.


**Lecture 03 - Brain Health Following Anesthesia: Are You Concerned? – S. Ciresi**

Identify neurologic changes associated with aging and their impact on pharmacodynamics.

Identify ideal pharmacological agents to use to minimize the incidence of cognitive dysfunction/delirium.

Discuss the difference between delirium, cognitive dysfunction and dementia.

Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Pharmacologic Review: Latest and Greatest? in Anesthesia – R. Shores**

Identify and review implications newer anesthetic medications.

Identify and review implications of newer medications with anesthetic complications.

Overall rating of topic and facilitator during this lecture.


**Lecture 05 - What is the Future of Medicine: From Those Mandated to Create It – K. Driscoll**

Provide background to medical research and clinical trials.

Describe cancer treatment advances and future through TIL harvest and Car-T Therapy.

Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) Update – K. Driscoll**

Describe anesthesia credentialing and current trends in continued competence.

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 - Neuromuscular Drugs: Where We Are and Where We Are Going – R. Shores**

Examine the neuromuscular junction and pharmacodynamics of current neuromuscular drugs.

Explore indications for the use of neuromuscular blockade.

Discuss strategies for pharmacologic administration.

Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Mythbusters: Neuromuscular Monitoring and Reversal – R. Shores**

Examine currently available methods for neuromuscular monitoring.

Describe current reversal agents.

Compare methods and value of quantitative and qualitative methods.

Overall rating of topic and facilitator during this lecture.


**Lecture 09 - Operating Room Culture and Outcomes: Can We Move the Needle – K. Driscoll**

Describe the burden of colon infections.

Outline the relationship between culture and clinical outcomes.

Outline the perceptions of Teamwork from various healthcare providers.

Describe the use of adaptive and technical changes to prevent colon infections.

Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Goal-Directed Fluid Therapy: Impact on Postoperative Outcomes and Length of Stay (Cheetah) – S. Ciresi**

Discuss the physiological determinants of cardiac output, pharmacological agents that impact its measurement, and noninvasive methods to quantify it.

Overall rating of topic and facilitator during this lecture.


**Lecture 11 - A Review of Valvular Heart Disease and Anesthesia – C. Frederick**

Describe normal physiology as it pertains to valve function.

Identify the etiologies, pathophysiology and anesthetic modifications required to care for patients with mitral stenosis, aortic stenosis, mitral regurgitation and aortic regurgitation.

Review general risks associated with non- cardiac surgery in patients with VHD.

Provide a *brief* review of normal physiology as it pertains to valve function.

Review the pathophysiology and common anesthetic modifications required to care for patients.

Overall rating of topic and facilitator during this lecture.


**Lecture 12 - Legal Conundrum from a CRNA Witness – K. Driscoll**

Outline two common closed claims database events for CRNAs.

Explain the pathophysiology of each event.

Outline Pharmacologic interventions.

Describe pharmacologic and documentation standards to ensure quality care.

Overall rating of topic and facilitator during this lecture.


**Lecture 13 - Anesthesia for Intraoperative Neuromonitoring: Evidence, Application, and Hocus Pocus? – R. Shores**

Review neuroanatomy relevant to surgery utilizing neuromonitoring.

Identify current neuromonitoring methods.

Describe pharmacodynamic effects of anesthetic agents.

Discuss pharmacologic techniques for anesthesia.

Overall rating of topic and facilitator during this lecture.


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**Rating**

**1 to 5**

**Lecture 14 - 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 15 - Oxygen: Impact on Intraoperative Lung Dynamics and Surgical Outcome – S. Ciresi**

Discuss the chemical structure of oxygen and radical formation.

Discuss the negative side effects of oxygen and implications for anesthesia.

List the positive consequences of oxygen and at what concentrations.

Overall rating of topic and facilitator during this lecture.


**Lecture 16 - Alpha Agonist: The New Sedative on the Block – S. Ciresi**

List the physiological responses associated with preoperative anxiety.

List preoperative medications that are effective in reducing anxiety.

Identify and discuss the pharmacologic and clinical application of alpha agonists - specifically dexmedetomidine and clonidine.

Identify other techniques that can be used to reduce preoperative anxiety.

Overall rating of topic and facilitator during this lecture.


**Lecture 17 - A Review of Airway Risk Assessment and Evidence-Based Risk Mitigation – C. Frederick**

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

Discuss the concept of risk management and how it applies to airway management.

Discuss the context sensitive nature of airway management and evidenced based decision-making during airway management.

Overall rating of topic and facilitator during this lecture.


**Lecture 18 - Anesthesia and Cancer Recurrence: What We Do MATTERS – C. Frederick**

Discuss the physiology and pathophysiology of micrometastasis and cancer recurrence.

Discuss the pharmacologic effect of various types of anesthetics on inflammation and cellular mediated immunity.

Discuss current evidence for best practice in the administration of anesthesia to cancer patients.

Overall rating of topic and facilitator during this lecture.


**Lecture 19 - Post-operative Nausea and Vomiting: One Drug Does Not Fill all Problems – K. Driscoll**

Describe the physiologic and pharmacologic components of the chemoreceptor trigger zone.

List three different triggers of post-surgical nausea related to anesthesia care.

Describe three non-drug treatments for post-operative nausea and vomiting.

Identify why one drug will not treat all nausea problems.

Overall rating of topic and facilitator during this lecture.


**Lecture 20 - Anesthesia Safety: Lessons from the Aviation Community – R. Shores**

Identify potential hazards to providing safe anesthesia care.

Describe methods to help prevent harm to patients.

Overall rating of topic and facilitator during this lecture.


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<b>Rating</b> <b>1 to 5</b>
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**Lecture 21 - A “Near-Miss” in the Air or on the Ground: Comparing Systems and Human Factors in Anesthesia and Aviation – R. Shores**

Describe methods of evaluation of best practice analysis.

Discuss human and systems factors that can lead to safe anesthetic management.

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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<b>Rating</b> <b>1 to 5</b>
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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?**
