

**Palm Springs' Oasis in the Desert 2021 Encore Symposiums: February 18-21, 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

<b>Rating 1 to 5</b>
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**Lecture 01 - Review of Basic Pharmacology Concepts - T. Wicks**

- Compare and contrast Phase I and Phase II metabolic drug reactions.
- Discuss the factors influencing drug uptake and distribution of drugs.
- Describe the influence of ionization and pKa on drug distribution.
- Discuss the characteristics of a simple 3 compartment pharmacokinetic model.
- Compare and contrast elimination half time and context sensitive half time.
- Compare and contrast ligand gated, voltage gated, and G protein gated ion channels.
- Discuss the factors influencing Minimum Alveolar Concentration.
- Overall rating of topic and facilitator during this lecture.


**Lecture 02 - The Pharmacology and Toxicology of Local Anesthetics - T. Wicks**

- Discuss the factors influencing the potency of local anesthetic agents.
- Compare and contrast the metabolic pathways of ester and amide based local anesthetics.
- Describe the symptoms and treatment of local anesthetic toxicity.
- Overall rating of topic and facilitator during this lecture.


**Lecture 03 - 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 04 - The Business of Anesthesia: Know Your Value - S. Wooden**

- Examine the Epidemiology of High Consequence Pathogens.
- Discuss the environmental considerations for optimal containment.
- Review the pathology of COVID.
- Discuss ventilatory management strategies for the treatment of COVID.
- Overall rating of topic and facilitator during this lecture.


**Lecture 05 - COVID-19 History, Pathophysiology and Management - K. Driscoll**

- Outline the historical and epidemiological perspectives of COVID.
- Describe the pathological progression of COVID.
- Identify key management strategies.
- Outline current clinical trials for COVID as well as completed trials and outcomes.
- 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
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**Lecture 07 - 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.  
Provide background on the Undiagnosed Disease Program.  
Outline Airway related clinical trials to include HPV.  
Demonstrate how CRNAs can lead as advocates for our patients and families.  
Overall rating of topic and facilitator during this lecture.


**Lecture 08 - Review of Neuromuscular Blockade Pharmacology - T. Wicks**

Describe the physiologic events of neuromuscular transmission.  
Compare and contrast the characteristics of depolarizing and non-depolarizing neuromuscular blockade.  
Discuss monitoring and antagonism of neuromuscular blockade.  
Overall rating of topic and facilitator during this lecture.


**Lectures 09 & 10 - Review of the Physiology and Pharmacology of Coagulation, Hematologic Disorders, and Blood Component Administration - T. Wicks**

Discuss the components and steps of normal hemostasis.  
Describe the role the coagulation cascade in limiting the scope of coagulation.  
Compare and contrast the pathophysiology and pharmacological preparation of patients with hemophilia A & B, and von Willibrand disease.  
Compare and contrast the pathophysiologic and pharmacological implications of type I and type II heparin induced thrombocytopenia.  
List the common disorders of hypercoagulability.  
Describe the common complication associated with blood product administration.  
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 with mitral stenosis, aortic stenosis, mitral regurgitation and aortic regurgitation.  
Overall rating of topic and facilitator during this lecture.


**Lecture 12 - Anesthesia and Cancer Recurrence: What We Do MATTERS - C. Frederick**

Discuss the physiology and pathophysiology of micrometastasis and cancer recurrence.  
Discuss the concept of risk management and how it applies to airway management.  
Discuss current evidence for best practice in the administration of anesthesia to cancer patients.  
Overall rating of topic and facilitator during this lecture.


**Lecture 13 - Everything, Everyone Should Know About Pain Management - 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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1 to 5

**Lecture 20 - Midazolam and Romazicon: An Excellent Partnership - S. Wooden**

Describe the role of pharmaceutical synergism in identifying the risks of Midazolam.

List at least one of the potential side effects of romazicon.

Identify why midazolam reversal is superior to opioid reversal.

Overall rating of topic and facilitator during this lecture.


**Lecture 21 - 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.


**Overall Assessment**

Indicate your level of achievement for each statement 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

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.

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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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