

**Charleston Encore Symposiums: May 24-27, 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</b>
<b>1 to 5</b>

**Lecture 01 - Review of Basic Pharmacology - 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 - 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 03 - Anesthesia and Pediatric Considerations - M. Talon**

- Discuss the need for preoperative sedation.
- Explore alternative routes then the traditional approaches to sedation and analgesia.
- Examine the effects of pain and the alternative approaches to pain management.
- Overall rating of topic and facilitator during this lecture.


**Lecture 04 - Breathe.... Select Airway Emergencies, Best Evidence - W. Howie**

- Identify best practices, as highlighted in the difficult airway algorithm, to employ when confronted with select airway emergencies.
- Describe how to recognize and respond to airway management complications in accordance with evidence-based practices.
- Delineate preventative strategies to avoid select airway emergencies.
- Overall rating of topic and facilitator during this lecture.


**Lecture 05- Flail Chest: Why is there an Elephant on My Chest? - W. Howie**

- Describe the physiological and pathophysiologic implications of a traumatically induced "flail chest".
- Describe respiratory compromise and manage the anesthetic in accordance with evidence-based practice associated with a "flail chest".
- Discuss best practice management and anesthetic implications associated with a traumatically induced "flail chest".
- Overall rating of topic and facilitator during this lecture.


**Lecture 06 - Legal Concepts 101 - P. McMullen**

- Explain the concepts of negligence, vicarious liability, comparative negligence and contributory negligence.
- Use knowledge of legal concepts to suggest best practices in nurse anesthesia.
- Overall rating of topic and facilitator during this lecture.


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Rating 1 to 5
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**Lecture 07 - Select Anesthetic Emergencies: Pathophysiology and Best Practice Recommendations - W. Howie**

Discuss bronchospasm and management of the anesthetic care consistent with evidence-based practices.

Discuss the anesthetic implications of Obstructive Sleep Apnea Syndrome in accordance with current best practices.

Discuss be able to recognize anaphylaxis and manage the anesthetic care in accordance with current evidence-based practices.

Overall rating of topic and facilitator during this lecture.


**Lecture 08 - 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 09 - Patient Safety: Avoiding Error - M. Talon**

List the definitions related to medical errors.

Describe the types of errors.

Explain avoidance techniques to decrease medical errors.

Explain the impact of medical error.

Overall rating of topic and facilitator during this lecture.


**Lecture 10 - Mock Deposition - P. McMullen**

Participate as defendant in a deposition.

Critique expert witness' testimony in a mock deposition.

Overall rating of topic and facilitator during this lecture.


**Lecture 11 - 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 12 - Bonus Credit: NBCRNA / CPC (Continued Professional Certification) Update - T. Wicks**

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.


**Lecture 13 - Can't Intubate, Can't Ventilate.... What Now? - W. Howie**

Employ an evidence-based airway algorithm when confronted with a "can't intubate, can't ventilate scenario.

Describe best practice airway assessment principles to help predict potential "cannot ventilate, cannot intubate" situations.

Demonstrate appropriate steps to perform a cricothyrotomy when challenged with a "cannot ventilate, cannot intubate" situation.

Overall rating of topic and facilitator during this lecture.




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Rating 1 to 5
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**Lecture 21 - Geriatric Pharmacology: Senior Citizens Have Senior Needs - W. Howie**

Discuss how best practice pharmacologic principles are applied to the geriatric patient.  
Identify the anesthetic implications of administration of pharmacological agents to the geriatric patient.  
Identify anesthetic implications and treat adverse effects related to geriatric pharmacology.  
Overall rating of topic and facilitator during this lecture.


**Lecture 22 - NPDB (National Practitioners Data Bank) - P. McMullen**

Delineate major components of NPDB.  
Explain why or why not a CRNA could wind up on the NPDB given a set of case studies.  
Overall rating of topic and facilitator during this lecture.


**Lecture 23 - Legal Jeopardy: It's Not Just for Lawyers - P. McMullen**

Apply knowledge of key legal concepts to selected CRNA scenarios.  
Overall rating of topic and facilitator during this lecture.


**Overall Assessment**

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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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