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

Lecture 01 - Neuromuscular Block: Where We Have Been and Where We are Going - M. Welliver
- Explain the clinical use of non-depolarizing muscle relaxants.
- Explore potential new muscle relaxant drugs.
- Describe the history and clinical use of cholinesterase inhibitors.
- Critically evaluate competitive antagonism of acetylcholine, cholinesterase inhibition, and non-depolarizing (NMDR) muscle relaxant used.
- Overall rating of topic and facilitator during this lecture.

Lecture 02 - Airway Management: What Could Possibly Go Wrong? - S. Wooden
- List at least three methods to determine proper ET tube placement.
- Describe the most common causes for "lost Airways".
- Describe the classes of airways.
- Overall rating of topic and facilitator during this lecture.

Lecture 03 - Improving Outcomes by Improving Neuromuscular Block Monitoring - M. Welliver
- Critically appraise current neuromuscular monitoring practice.
- Compare and contrast qualitative and quantitative monitoring techniques.
- Devise methods to improve neuromuscular monitoring in individual practice by maximizing available resources and data extrapolation.
- Overall rating of topic and facilitator during this lecture.

Lecture 04 - Patient Safety: Achieving Zero Defects - T. Davis
- List two common root causes of patient injury.
- Describe how lessons learned from the aviation industry can improve patient safety.
- Make a personal commitment to connect with and protect each individual patient.
- Overall rating of topic and facilitator during this lecture.

Lecture 05 - Implications of Antithrombic and Thrombolytic Therapy on Regional Anesthesia - C. Falyar
- Discuss the impact of venous thromboembolism (VTE) in healthcare.
- Describe the coagulation cascade.
- Relate the risks associated with therapeutic anticoagulation and thrombolytic therapy to regional (neuraxial) anesthesia.
- Explain the implications of various anticoagulants and thrombolytics on regional anesthesia.
- Overall rating of topic and facilitator during this lecture.
<table>
<thead>
<tr>
<th>Lecture</th>
<th>Title</th>
<th>Objective Details</th>
<th>Rating</th>
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</thead>
<tbody>
<tr>
<td>Lecture 06</td>
<td>NBCRNA/CPC (Continued Professional Certification) Update - S. Wooden</td>
<td>Describe the background and rationale for the CPC program for nurse anesthetists. Describe the components of the NBCRNA CPC program for nurse anesthetists. Describe the timeline for implementation of the NBCRNA CPC program for nurse anesthetists.</td>
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<tr>
<td>Lecture 07</td>
<td>Residual Paralysis: What You Can’t See Will Hurt Our Patients - M. Welliver</td>
<td>Explore the incidence or residual paralysis. Compare and contrast objective and subjective NMB assessment. Critique acceptance of TOF ratio of 0.9 as “full reversal”.</td>
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<tr>
<td>Lecture 08</td>
<td>Social Media in Anesthesia: Advantages and Dangers - T. Davis</td>
<td>Examine the uses of mobile devices to improve communication among staff and with patients. Describe the use of apps to provide real time information and improve patient care. List 2 risks created by the use of mobile devices while doing patient care.</td>
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<tr>
<td>Lecture 09</td>
<td>What To Do When... Experiences of Obstetrics Call - C. Falyar</td>
<td>Describe maternal physiologic changes that occur during pregnancy. Examine the stages of labor and the physiologic implications. Describe the anesthetic management of various obstetric scenarios.</td>
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<td>Lecture 10</td>
<td>Outpatient Anesthesia: The Ultimate ERAS Experts - T. Davis</td>
<td>Describe the advantages and risks of outpatient surgery. Correlate drug selection and anesthetic technique with patient outcome. Explain the importance of having and following protocols for safety.</td>
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<td>Lecture 11</td>
<td>Pre-operative Fasting: Concepts are Changing, it is Time We Do as Well - S. Wooden</td>
<td>Discuss the acidic and volume elements thought to contribute to aspiration pneumonitis. List the components of the syndrome associated with aspiration pneumonitis. List six risks associated with aspiration pneumonitis.</td>
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<td>Lecture 12</td>
<td>Frontline Leadership: Building The Right Team - T. Davis</td>
<td>Describe and state the advantages of 3 different leadership styles. Explain the importance of recruiting in the team building process. Describe two techniques that can be used for conflict resolution.</td>
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</table>
Indicate your level of achievement for each learner objective on the rating scale.
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Lecture 13 - Regional Anesthesia - Truncal Blocks - T. Falyar
Explain the advantages of ultrasound-guided regional anesthesia (USRA).
Identify the indications, US approaches and complications for the following truncal blocks: Neuraxial imaging, Transversus Abdominis Plane (TAP) block, Paravertebral block, Intercostal block, and PECS Block.
Overall rating of topic and facilitator during this lecture.

Lecture 14 - Post Operative Nausea and Vomiting: One Drug Does Not Fit all Problems - S. Wooden
Describe the physiologic 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 15 - Technology in Anesthesia: The Past, Present, and Future - T. Davis
Explain the role of the frontline anesthetist in the development of new technology over the past century.
Describe the connection between improved technology and patient safety.
Speculate on creative uses of technology in the future.
Overall rating of topic and facilitator during this lecture.

Lecture 16 - Review of Restrictive Lung Disease - C. Falyar
Define restrictive lung disease (RLD).
Distinguish between different types of RLD.
Compare and contrast the anesthetic management varying types of RLD.
Overall rating of topic and facilitator during this lecture.

Lecture 17 - Propofol: Clinical Concerns & Caveats - M. Welliver
Explore specific problems related to Propofol use.
Investigate pros and cons of current formulation.
Discuss clinical and social implications of current Propofol issues.
Overall rating of topic and facilitator during this lecture.

Lecture 18 - What is Consciousness and How does General Anesthesia Work? New Thoughts and Theories - M. Welliver
Investigate the classical and quantum physics laws that apply to anesthesia practice.
Focus on developing understandings of consciousness and volatile anesthetic action.
Explore applications of quantum physics for current and future practice.
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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Lecture 19 & 20 - Acute and Chronic Pain Management: A Patient Centered Approach - S. Wooden
Identify at least three reasons why patients may not seek treatment for pain.
Identify at least four reasons providers may not adequately treat pain.
Describe the consequences of not treating pain.
Provide a personal story about the lack of pain treatment.
Describe what lack of access to health care and health insurance may be doing to our society as a whole.
Overall rating of topic and facilitator during this lecture.

Lecture 21 - The Pregnant OR Worker: Separating Myth from Fact - T. Davis
State 3 occupational hazards to the pregnant worker in the operating room.
Describe the protection provided to the pregnant worker by Federal Labor laws.
Overall rating of topic and facilitator during this lecture.

Lecture 22 - Sugammadex in Clinical Practice and Special Considerations - M. Welliver
Explore the discovery and development of the selective relaxant binding agent drug class.
Compare and contrast pharmacology of Sugammadex reversal to cholinesterase inhibitor reversal of NMB.
Evaluate and Integrate sugammadex into existing practice being aware of unique considerations attributed to this drug.
Overall rating of topic and facilitator during this lecture.

Lecture 23 - Current Trends in Ultrasound Applications in Anesthesia - C. Falyar
Explain the origins of ultrasound and the development of diagnostic imaging.
Describe common ultrasound applications in anesthesia.
Examine newer applications being used in anesthesia.
Consider future trends and research for ultrasound technology in anesthesia practice.
Overall rating of topic and facilitator during this lecture.

Please See Page 5 for Overall Assessment
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

<table>
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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.

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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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