

Certifies that  
**April Charpentier AANA# 74273**  
Has Successfully completed the Home Study Program  
Current Reviews for Nurse Anesthetists®

**46**

Lesson	Date	Desig	Credit(s)
#21 Malignant Hyperthermia: A Review	05/06/2024	PT	1.5
#22 Anesthetic Considerations for the Morbidly Obese Patient	05/06/2024	PT	1.5
#23 Diagnosis of and Preparation for a Difficult Airway Incorporating the 2022 ASA Difficult Airway Management Guidelines	08/21/2024	TH	1.5
#24 Dietary Supplements and Their Anesthetic Implications	05/06/2024	PT	1.5
#25 Hip Fractures in Frail Elderly Patients: Anesthetic Considerations	08/21/2024	PT	1.5
#26 Erythrocyte Deformity: Sick Cell Disease	08/21/2024	PT	1.5

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Lesson	Date	Desig	Credit(s)
#1 Avoiding Postoperative Residual Neuromuscular Blockade: Reality or a Pipedream?	08/21/2024	PS,PT	1.5
#2 How Can Anesthesia Providers Prevent Postoperative Pulmonary Complications?	09/14/2024	PS,PT	1.5
#3 Acute Kidney Injury: Renoprotection or Treatment Options	06/19/2024	PT	1.5
#4 The 2023 Modular Update of the 2017 American Society of Anesthesiologists Practice Guidelines for Pre-operative Fasting	09/17/2024	TH	1.5
#5 Gastroesophageal Reflux Disease: Should We Modify the Anesthetic Plan of Care?	09/17/2024	PT	1.5
#6 Managing Pediatric Postoperative Nausea and Vomiting in Your Practice	09/17/2024	PS,PT	1.5
#7 Duration of Anesthesia, Ambulatory Surgery and Peri-operative Risk	11/04/2024	TH	1.5
#8 Transcatheter Aortic Valve Replacement (TAVR)	11/04/2024	PT	1.5
#9 Clinical Implications of Epidural Catheter Design During Initiation and Maintenance of Neuraxial Labor Analgesia	11/04/2024	PS	1.5
#10 Anesthetic Management for External Cephalic Version and Cervical Cerclage - Not All Pregnant Patients On the Labor Floor Are There for Delivery	11/04/2024	PS	1.5
#11 DNR in the OR Patients Coming to Surgery with Advance Directives	11/12/2024	PS	1.5
#12 Peri-operative Evaluation and Management of Patients with Cancer: An Overview	11/12/2024	PT	1.5
#14 The Surgical Stress Response and Inflammatory Cascade	01/11/2025	PT	1.5
#15 Peri-operative Management of the Brain-Dead Organ Donor	01/11/2025	EE	1.5
#16 Anesthesia Considerations for Patients with Common and Uncommon Skin Conditions	08/13/2025	PT	1.5
#17 The Postural Orthostatic Tachycardia Syndrome	08/14/2025	PT	1.5
#18 Anesthesia for Patients Submitting to Hepatic Resection	08/15/2025	PT	1.5
#19 Placenta Accreta Spectrum: Overview and Anesthetic Management	08/15/2025	PT	1.5
#20 Tumor Lysis Syndrome: What Anesthesia Providers Need to Know	08/16/2025	PT	1.5
#21 Acid-Base Disorders - Simplified	08/16/2025	TH	1.5
#22 Management of Failed Labor Epidural	08/16/2025	PT	1.5
#23 Endocrine Emergencies in the Peri-operative Period	08/17/2025	PT	1.5
#24 Peri-operative Pain Management for Pediatric Tonsillectomy and Adenoidectomy	08/19/2025	PT	1.5
#25 Peri-operative Management of Patients with Coronary Stents	08/19/2025	PT	1.5
#26 Emergencies in the Post Anesthesia Care Unit	08/20/2025	PT	1.5

**48**

Lesson	Date	Desig	Credit(s)
#1 Identification and Reporting of Victims of Human Trafficking in the Healthcare Setting	08/20/2025	HT	1.5
#2 Anesthesia for Trans-Oral Robotic Surgery	08/21/2025	PT	1.5

#3	Case Studies in Pre-Operative Laboratory Abnormalities	08/23/2025	PT	1.5
#4	Anesthetic Considerations for Patients with Pulmonary Hypertension Undergoing Non-Cardiac Surgery	08/23/2025	PT	1.5
#5	Vasoplegic Syndrome and RAAS Antagonists	08/23/2025	PT	1.5
#6	Preeclampsia: Update on an Old Subject	08/24/2025	PT	1.5
#7	Anesthetic Considerations in Rheumatoid Arthritis, Ankylosing Spondylitis, and Other Rheumatologic Diseases	08/24/2025	PT	1.5
#8	Anesthetic Management of Adults with Acute Spinal Cord Injury	10/08/2025	PT	1.5
#9	Peri-operative Hypertension: A Review of Management and Anesthetic Implications	10/10/2025	PT	1.5
#10	Anesthetic Management of Adults with Chronic Spinal Cord Injury	10/08/2025	PT	1.5
#11	Telemedicine in Critical Care	10/08/2025	TH	1.5
#12	Lessons from Tenerife: What the Aviation Industry Teaches Us About Patient Safety	12/05/2025	MR,PS	1.5
#13	Supraglottic Airway Devices	12/05/2025	TH	1.5
#14	Adaptogens & Anesthesia	12/05/2025	PT	1.5

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Total Credits: 67.5

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**VOLUME 46** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1043117; Expiration Date 05/31/2026  
AANA designates this program as meeting the criteria for up to 31.50 CE credits in pharmacology/therapeutics.

**VOLUME 47** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1044235; Expiration Date 05/31/2027  
AANA designates this program as meeting the criteria for up to 28.50 CE credits in pharmacology/therapeutics.

**VOLUME 48** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1045522; Expiration Date 05/31/2028  
AANA designates this program as meeting the criteria for up to 24 CE credits in pharmacology/therapeutics.

• **CC** Cultural Competence • **EE** Medical Ethics/End-of-life Issues • **EO** End of Life • **HT** Human Trafficking • **HV** HIV/AIDS • **ME** Medical Ethics • **MR** Medical Errors  
• **PE** Pain Management And End-of-life Issues • **PM** Pain Management • **PS** Patient Safety • **PT** Pharmacology/Therapeutics • **RM** Risk Management  
• **SD** Substance Use Disorders • **TH** Therapeutics • **TM** Trauma/Mass Casualties • **TR** Trauma



Elizabeth Moya, Publisher