

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

**43**

Lesson	Date	Desig	Credit(s)
#4 Are Anesthetics Harmful To Young Children?	07/26/2020	PT	1.5
#5 Evolutionary Advances and Experience Gained in Robotic Surgery	10/01/2020	PT	1.5
#6 The Foundation and Outcomes of Hypercapnia and Hypocapnia	12/04/2020	TH	1.5
#7 Perioperative Pain Management of the Chronic Pain Patient	10/01/2020	PT	1.5
#8 Controversies in Pediatric Anesthesia	12/05/2020	PT	1.5
#9 Managing Opioid Induced Nausea and Vomiting in Your Practice	10/01/2020	PT	1.5
#10 Neuraxial Blockade in Obstetric Patients with Thrombocytopenia: A Rational Approach to Risk Assessment	12/05/2020	PT	1.5
#11 Rules for Safe Sedation in GI Endoscopy Suite	12/07/2020	PT	1.5
#12 Mechanical Ventilatory Support: What Every Anesthesia Provider Should Know in the Midst of a Respiratory Viral Pandemic and Beyond	12/11/2020	TH	1.5
#13 Considerations for Anesthesia Outside the OR	01/15/2021	PT	1.5
#14 Hemodynamic Guidelines and Interventions: Providing Care for the Septic Patient in the Operating Room	02/08/2021	PT	1.5
#15 COVID-19 Pulmonary Manifestations, Infectivity, and Front Line Experience	01/15/2021	TH	1.5
#16 Pediatric Sedation: Methods to Enhance Safety	01/15/2021	PT	1.5
#17 Anesthesia for Esophagectomy	01/15/2021	PT	1.5
#18 Burnout in Anesthesia: A Changing Landscape with Solutions On the Horizon	02/01/2021	MR,PS	1.5
#19 Extracranial-Intracranial Vascular Bypass	01/28/2021	PT	1.5
#20 Telehealth and Telemedicine and Their Application to Anesthesia	02/12/2021	MR,PS	1.5
#21 Perioperative Management of EVAR and TEVAR Mark	03/05/2021	PT	1.5
#22 Postsurgical Cancer Recurrence and its Progression: Does anesthetic technique make a difference?	03/15/2021	PT	1.5
#23 Postoperative Cognitive Dysfunction: An Update	05/21/2021	MR,PS	1.5
#24 The Stress Response to Surgery	05/09/2021	MR,PS	1.5
#25 Anesthesia Considerations for the Breastfeeding Patient	05/19/2021	PT	1.5
#26 The Child with Sleep-Disordered Breathing for Tonsillectomy	05/21/2021	PT	1.5

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Lesson	Date	Desig	Credit(s)
#1 Cannabis and Vaping: Implications for the Anesthesia Provider	09/07/2021	SD,TH	1.5
#2 Evidence Based Perioperative Management of the Opioid Tolerant Patient	09/07/2021	PT	1.5
#3 Ketamine for Perioperative Pain Control	09/08/2021	PT	1.5
#5 Organ Donation After Brain or Cardiac Death: Protocols and Implications for Caregivers	09/10/2021	EE	1.5
#6 Management of Neuraxial Labor Analgesia	09/11/2021	PS,PT	1.5
#7 Throat Pack: A Surgical Necessity or a Threat to Patient Safety?	09/14/2021	MR,PS	1.5
#8 Perioperative Considerations in Patients Using and Abusing Illicit Substances	09/14/2021	PT,SD	1.5
#9 Hijacking the Neuromuscular Junction and its Pharmacologic Rescue	12/04/2021	PT	1.5
#10 Clinical Implications of Regular Marijuana Use: What Clinicians Need to Know	12/04/2021	PT,SD	1.5
#11 Reducing Negative Outcomes: Surgical Site Infections and the Anesthesia Provider	12/04/2021	MR,PS	1.5
#12 Emergence Agitation, Laryngospasm and Anesthesia-Related Cardiac Arrest: How to Stay Out of Trouble in Pediatric Anesthesia	12/17/2021	PT	1.5
#13 Anesthetic Considerations for Patients with Narcolepsy	12/17/2021	PT	1.5

#14	Enhanced Recovery Pathway for Elective Laparoscopic Colorectal Surgery	12/17/2021	PT	1.5
#15	Anesthesia for Total Joint Arthroplasty	02/20/2022	TH	1.5
#16	The Anesthetist's Role in Assaults on Our Vascular System: Thromboembolism and Air/Gas Embolism	02/20/2022	PT	1.5
#17	Opioid Use Disorder in Pregnancy	02/20/2022	PT,SD	1.5
#18	Perioperative Delirium: Making Sense of the Confused	05/05/2022	PT	1.5
#19	Clinical Conundrums in Obstetric Anesthesia	05/06/2022	PT	1.5
#20	Postpartum Hemorrhage: A Review	05/06/2022	PT	1.5
#21	Perioperative Management of the Patient with End-Stage Renal Disease	05/10/2022	PT	1.5
#22	Drugs Used to Treat Chronic Heart Failure – Implications for the Anesthetist	05/11/2022	PT	1.5
#23	When to Cancel and When to Go	05/12/2022	TH	1.5
#24	Uterotonics for Cesarean Delivery	05/12/2022	PT	1.5
#25	Update on Neonatal Resuscitation	05/13/2022	TH	1.5
#26	Perioperative Atrial Fibrillation	05/23/2022	PT	1.5

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Lesson	Date	Desig	Credit(s)	
#1	Post-Traumatic Stress Disorder	07/31/2022	PT	1.5
#2	The Alzheimer Patient and Anesthesia: Part I	07/31/2022	PS,RM	1.5
#3	The Alzheimer Patient and Anesthesia: Part II	07/31/2022	PS,RM	1.5
#5	Updates on Smoking: Anesthetic Implications and Effects on Perioperative Outcomes	07/31/2022	MR,PS,PT	1.5
#6	Local Anesthetic Pharmacology and Toxicity What Clinicians Need to Know Now	01/16/2023	MR,PS,PT	1.5
#7	Perioperative Implications of Nutritional Disorders	01/16/2023	PS,PT,RM	1.5
#8	Severe COPD	01/16/2023	PT	1.5
#9	Anesthesia for Endovascular Therapy for Acute Stroke	01/16/2023	PT	1.5
#10	Important Clinical Conundrums in Outpatient Anesthesia	01/20/2023	PT	1.5
#11	Postoperative Delirium: An Update	12/25/2022	PS,RM	1.5
#12	Common Perioperative Arrhythmias	12/25/2022	PT	1.5
#13	Maternal Cardiac Arrest: A Review	01/29/2023	PT	1.5
#14	Blood Transfusion Reactions	01/29/2023	PT	1.5
#15	Evidence Based Approach to Labor Analgesia	02/02/2023	PT	1.5
#16	Postobstructive Pulmonary Edema (POPE)	02/02/2023	PT	1.5
#17	Anesthesia for Bronchoscopy Including Advanced Procedures	03/23/2023	PT	1.5
#18	Aging and Anesthesia Providers	03/23/2023	PT	1.5
#19	An Update on Perioperative Smoking Cessation: Why is it Important and Which Interventions are Most Effective?	04/02/2023	PT	1.5
#20	Chronic Kidney Disease	04/02/2023	PT	1.5
#21	Recreational Nitrous Oxide: History Repeats Itself, with Tragic Consequences	04/02/2023	PT,SD	1.5
#22	Perioperative Anaphylaxis	04/02/2023	PT	1.5
#23	Updates on Perioperative Management of Heart Failure Patients Presenting for Non-Cardiac Surgery	10/29/2023	PT	1.5
#24	Perioperative Management of the Patient with Myasthenia Gravis	10/29/2023	PT	1.5
#25	Managing Opioid Induced Nausea and Vomiting in Your Practice	10/29/2023	PT	1.5
#26	The 2023 ASA Practice Guidelines for Monitoring and Antagonism of Neuromuscular Blockade: What Anesthesia Providers Need to Know and Do	10/29/2023	PT	1.5

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Lesson	Date	Desig	Credit(s)	
#1	Is There a Doctor on Board? Considerations for Optimal Management of In-Flight Medical Emergencies	10/30/2023	TH	1.5
#2	Allergic Reactions: How To Stay Out of Trouble in Pediatric Anesthesia	10/31/2023	PS,PT	1.5
#3	Smokers and Vapers: What to Know, and How to Help Them	11/01/2023	PS,SD,TH	1.5
#4	An Apple a Day – A Review of Statin Pharmacology and Application in Perioperative Care	11/02/2023	PT	1.5
#5	What Are the Long-Term Sequelae of Unintentional Dural Puncture in Parturients?	11/03/2023	PT	1.5
#6	Septic Shock - What the Anesthesia Provider Should Know	11/04/2023	PT	1.5
#7	Medical Marijuana	11/04/2023	PT,SD	1.5
#8	How Can Anesthesia Providers Minimize the Risk of Postoperative Kidney Injury?	11/05/2023	PT	1.5
#9	Anesthetic Implications of Patients with Alpha-gal Allergies	11/06/2023	PT	1.5
#10	Intraoperative Care of the Elderly Patient: What You Need to Know	11/07/2023	PT	1.5
#11	Mastering the Expanding and Evolving Challenges Associated with Non-Operating Room Anesthesia (NORA)	11/09/2023	PT	1.5
#12	Anesthesia for Patients Undergoing Peripheral Vascular Surgery	11/11/2023	PT	1.5
#13	The Obese Pediatric Patient for Ambulatory Surgery	02/10/2024	PT	1.5

#14	What Does an Anesthesia Provider Need to Know to Manage Obstetric Hemorrhage	02/19/2024	PT	1.5
#15	New Diabetes Medications, Weight Loss and Cardiorenal Outcomes	02/19/2024	PT	1.5
#16	Novel Controversies in Obstetric Anesthesia	02/20/2024	PT	1.5
#17	Awake Craniotomy	02/20/2024	PT	1.5
#18	Current Recommendations for the Management of the Difficult Pediatric Airway	02/22/2024	TH	1.5
#19	Maternal Mortality and Maternal Safety: The Anesthesia Provider's Role on Labor and Delivery Units	02/22/2024	TH	1.5
#20	Obstetric and Anesthetic Management of HIV-Positive Patients in the Peripartum Period	02/23/2024	HV,PT	1.5

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Total Credits: 139.5

**VOLUME 43** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1038617; Expiration Date 05/31/2023  
AANA designates this program as meeting the criteria for up to 25.50 CE credits in pharmacology/therapeutics.

**VOLUME 44** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1039844; Expiration Date 06/02/2024  
AANA designates this program as meeting the criteria for up to 28.50 CE credits in pharmacology/therapeutics.

**VOLUME 45** - This program has been prior approved by the American Association of Nurse Anesthesiology for 39 Class A CE credits; AANA Code Number 1041270; Expiration Date 05/31/2025  
AANA designates this program as meeting the criteria for up to 34.50 CE credits in pharmacology/therapeutics.

**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.

- **CC** Cultural Competence • **EE** Medical Ethics/End-of-life Issues • **EO** End of Life • **HV** HIV/AIDS • **ME** Medical Ethics • **MR** Medical Errors/Risk Management
- **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