

ANDREAS PLACKIS, M.D.

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PROFESSIONAL SUMMARY

- Vanderbilt-trained, award-winning, double board-certified anesthesiologist and cardiac anesthesiologist in full-time clinical practice.
- Diplomate of the American Board of Anesthesiology (ABA) and Diplomate in Advanced Perioperative Transesophageal Echocardiography (NBE).
- Robust cardiac anesthesia practice providing care for complex patients at the only heart transplant center in Arkansas and providing TEE imaging guidance for numerous structural heart interventions.
- Experienced and articulate public speaker and presenter with multiple publications and local/national presentations. Substantial education experience.
- Exemplary knowledge base as achieved a Top 1-3%ile ranking nationally compared to peers in nearly all ABA licensing and training examinations.
- Specialty areas of focus: airway management, cardiac anesthesia, thoracic anesthesia, structural heart interventions, TEE, invasive monitoring, vascular anesthesia, ambulatory surgery, orthopedics, ultrasound-guided peripheral nerve blocks, ENT, and Non-OR anesthesia (Radiology/GI/Cath Lab).

EDUCATION AND TRAINING

2021 – 2022	Fellowship, Adult Cardiothoracic Anesthesiology, Vanderbilt University Medical Center, Department of Anesthesiology, Nashville, TN
2018 – 2021	Residency, Anesthesiology, Vanderbilt University Medical Center, Department of Anesthesiology, Nashville, TN
2017 – 2018	Internship, Categorical, Vanderbilt University Medical Center, Department of Anesthesiology, Nashville, TN
2012 – 2017	M.D., University of Missouri School of Medicine, Columbia, MO (FMLA in 2014 for ENT surgery)
2008 – 2012	B.S., Biological Sciences, University of Missouri, Columbia, MO Honors College Graduate, <i>summa cum laude</i>

EMPLOYMENT

2023	Locum Tenens Cardiac Anesthesiologist, Global Medical Staffing, CHI St. Vincent Infirmary, Little Rock, AR
2022 – Present	Staff Anesthesiologist, Arkansas Health Group, Baptist Health Medical Center-Little Rock, Little Rock, AR

LICENSURE AND CERTIFICATION

2023 – Present	Subspecialty Certification in Adult Cardiac Anesthesiology (65085), American Board of Anesthesiology
2023 – Present	Advanced Perioperative Transesophageal Echocardiography Certification – Diplomate, National Board of Echocardiography, (2022-00046056)
2022 – Present	Specialty Certification in Anesthesiology – Diplomate (65085), American Board of Anesthesiology
2022 – Present	Medical License, State of Arkansas (E-15184)
2020 – Present	Advanced Trauma Life Support (ATLS) Certification
2018 – 2023	Medical License, State of Tennessee (MD0000058627 - Retired)

2017 – Present	Advanced Cardiovascular Life Support (ACLS) Certification
2012 – Present	Basic Life Support (BLS) Certification

PROFESSIONAL ORGANIZATIONS

2022 – Present	Member, Arkansas Society of Anesthesiologists
2019 – Present	Member, Society of Cardiovascular Anesthesiologists
2016 – Present	Member, American Society of Anesthesiologists

HONORS AND AWARDS

2021	Vanderbilt Hepato-vascular Anesthesiology Resident Award <ul style="list-style-type: none"> Awarded to the most outstanding resident on the Vanderbilt hepato-vascular anesthesiology service.
2021	Vanderbilt HiRISE Clinical Resident Award <ul style="list-style-type: none"> Awarded to the most outstanding resident in the Vanderbilt High-Risk Surgical Encounter Pre-operative Clinic.
2019 – 2023	ABA Training and Certification Examination Accomplishments: <ul style="list-style-type: none"> ABA Licensing Exam National Rankings: 2019 BASIC: Top 10%, 2021 ADVANCED: 97%ile, 2023 ACA Subspecialty Exam: 97%ile ABA In-Training Exam (ITE) National Rankings: 2019: 98%ile, 2020: 99%ile, 2021: 98%ile
2017	Parker B. Francis Award for Excellence in Anesthesiology <ul style="list-style-type: none"> Awarded by the Missouri Department of Anesthesiology to the medical student with the most promising future in the field of anesthesiology.
2017	MSAC Officers Award Scholarship
2013	University of Missouri School of Medicine Summer Research Scholarship
2012	NCAA Spring Postgraduate Scholarship <ul style="list-style-type: none"> National award given each spring to 27 male and female NCAA Division 1 student-athletes pursuing a graduate school education.
2012	Dr. Prentice Gautt Postgraduate Scholarship <ul style="list-style-type: none"> Awarded yearly by the Big XII Conference to the top University of Missouri male and female student-athletes pursuing a graduate school education.
2012	Mizzou Athletics “Mr. Mizzou” Award <ul style="list-style-type: none"> Awarded yearly by the Missouri Athletic Department to one male student-athlete best representing Mizzou Athletics and its core values.
2012	Mizzou ’39 Class of 2012 <ul style="list-style-type: none"> Awarded annually by the Mizzou Alumni Association to the Top 39 University of Missouri graduating seniors for undergraduate achievements.
2012	Top 5 Finalist for the Missouri Director of Athletics Leadership Award <ul style="list-style-type: none"> Awarded yearly by the University of Missouri Athletic Director for academic and athletic excellence, strong leadership qualities, and exemplary representation of the Mizzou student-athlete population.
2011	Top 3 Finalist for the Mizzou ROARS Male “We Are Mizzou” Award <ul style="list-style-type: none"> Awarded yearly by the University of Missouri Athletic Department to one male student-athlete best representing Mizzou Athletics and its core values.
2011	Mystical 7 Secret Honor Society <ul style="list-style-type: none"> Seven third-year undergraduate students from the entire University of Missouri campus inducted yearly by peers into this secret honor society.
2011	Omicron Delta Kappa Honor Society

- 30 third-year undergraduate students from the entire University of Missouri campus inducted yearly by peers into this secret honor society.
- 2010 – 2012 University of Missouri Division I Baseball Varsity Letter Winner
- 2010 Top 3 Finalist for the Mizzou ROARS “Unsung Hero” Award
 - Awarded yearly by the Missouri Athletic Department to one student-athlete who has outstanding achievements but may go unnoticed.
- 2010 University of Missouri Student Union Programming Board Unsung Hero Award
 - Given yearly by the Missouri SUPB to one undergraduate student who made a substantive, yet unrecognized contribution to the University of Missouri.
- 2010 Honorable Mention for the Missouri Chancellor’s Emerging Leadership Award
 - Awarded yearly by the University of Missouri Chancellor to the Mizzou undergraduate student who demonstrates exceptional leadership skills.
- 2010 Mizzou Varsity M Association Male Student-Athlete of the Year
 - Given annually to the University of Missouri male student-athlete who excels most in the areas of academics, athletics, leadership, and service.
- 2008 – 2012 Mizzou Excellence Award Scholarship

PROFESSIONAL AND LEADERSHIP ACTIVITIES

Vanderbilt University Medical Center

- 2020 – 2021 Ethics Course Member, VUMC Biomedical Ethics Curriculum
- 2018 – 2020 Council Member, VUMC Education Council
- 2018 – 2020 Resident Liaison, VUSM Anesthesia Interest Group

University of Missouri School of Medicine

- 2016 – 2017 Co-President, Missouri Anesthesia Interest Group
- 2016 – 2017 Secretary, Missouri Medical Student Affairs Council
- 2013 – 2014 Vice President, Missouri Orthopedic Interest Group (Member 2012-2017)
- 2013 – 2014 Vice President, Missouri Surgery Club (Member 2012-2017)
- 2013 Summer Research Fellowship, Missouri Orthopedic Institute
- 2012 – 2017 Class Representative, Missouri Medical Student Affairs Council
- 2012 – 2013 Biology and Chemistry Tutor, University of Missouri Athletic Department

University of Missouri

- 2010 – 2012 Mizzou Representative, Big XII Student-Athlete Advisory Committee
- 2009 – 2012 Baseball Team Liaison, Mizzou Student-Athlete Advisory Committee
- 2008 – 2012 Student Athlete, University of Missouri Division 1 Varsity Baseball Player

QUALITY IMPROVEMENT

- 2023 – 2024 Post-operative glucose management protocol, Arkansas Baptist Health surgical sites.
 - Development and implementation of PACU glucose management protocol across all Baptist Health surgical sites in Arkansas.
- 2022 Laser Lead Extraction Protocol, Baptist Health Medical Center – Little Rock.
 - Worked with cardiologists, cardiac surgeons, perfusion, nursing, and anesthesiologists to enhance safety and improve workflow for high-risk laser lead extraction cases.
- 2022 Perioperative Transport Equipment for Cardiac Surgery Operating Rooms. Division of Cardiothoracic Anesthesiology, Vanderbilt University Medical Center.

2017 – 2018

- Reduced waste of single-use resources and streamlined aspects of intra-operative care and post-operative transport safety.
- Perioperative Medicine Service Quality Measurement and Efficiency Initiative.
Vanderbilt University Medical Center.
- Conducted to improve efficiency starting cases in the morning with regional anesthesia administration.

PUBLICATIONS

Peer Reviewed

1. Statzer N, **Plackis A**, Woolard A, Allen B, Siegrist K, Shi Y, Shotwell M. *Erector Spinae Plane Catheter Analgesia in Minimally Invasive Mitral Valve Surgery: A Retrospective Case-Control Study for Inclusion in an Enhanced Recovery Program*. Seminars in Cardiothoracic and Vascular Anesthesia. 2022 May 26:10892532221104420. Epub ahead of print.
2. Yengo-Kahn A, **Plackis A**, Bonfield C, Reddy S. *Correction of a vertex encephalocele related to amniotic band syndrome*. BMJ Case Rep 2020;13:e234735.
3. Thompson S, Guess T, **Plackis A**, Sherman S, Gray A. *Youth Baseball Pitching Mechanics: A Systematic Review*. Sports Health. 2018 Mar/Apr;10(2):133-140.
4. Sherman S, **Plackis A**, Nuelle C. *Patellofemoral anatomy and biomechanics*. Clinics in Sports Medicine. 2014 Jul;33(3):389-401.
5. Farr J, Jagers R, Lewis H, **Plackis A**, Sim S, Sherman S. *Evidence-based approach of treatment options for postoperative knee pain*. The Physician and Sports Medicine. 2014 May;42(2):58-70.

PRESENTATIONS

Oral Presentations

1. **Plackis A**. *Acute Normovolemic Hemodilution and Cardiac Surgery*. Oral Presentation, Division of Cardiac Anesthesiology Lecture Series. Vanderbilt University Medical Center. Nashville, TN. March 22, 2022.
2. **Plackis A**. *Diagnosis and Management Options for Mitral Valve Paravalvular Leak*. Oral Presentation, Division of Cardiac Anesthesiology Lecture Series. Vanderbilt University Medical Center. Nashville, TN. November 23, 2021.
3. **Plackis A**, Koch R, Brems H, Rush M. *Cost Effectiveness and Resource Allocation in Ethics*. Oral Presentation, Vanderbilt Biomedical Ethics Curriculum. Vanderbilt University Medical Center. Nashville, TN. November 2, 2020.
4. **Plackis A**, Henson, P. *Intraoperative Neuromuscular Blockade and Perioperative Safety*. Oral Presentation, Department of Anesthesiology MMI Conference Grand Rounds, Vanderbilt University Medical Center. Nashville, TN. July 31, 2020.
5. **Plackis A**, Hyman S. *Intraoperative Management of a Trauma Patient with Suspected Malignant Hyperthermia*. Oral Presentation, Vanderbilt Multispecialty Anesthesia Case Conference. Vanderbilt University Medical Center. Nashville, TN. July 10, 2019.

Posters

1. **Plackis A**, Archer M, Shah A, Mishra K. *Left Ventricular Assist Device Placed on Extracorporeal Membrane Oxygenation using Bivalirudin in a Patient with Heparin Induced Thrombocytopenia*. Medically Challenging Case Poster Presentation, Society of Cardiovascular Anesthesiologists Annual Meeting. Virtual Conference SCA 2021. April 26, 2021.
2. **Plackis A**, Mishra K, Eagle S. *Management of a Post Pneumonectomy Patient with Pheochromocytoma and Severe Mitral Regurgitation: A Case Report*. Medically Challenging Case

Poster Presentation, Thoracic Anesthesia Symposium Annual Meeting. Virtual Conference SCA 2021. April 23, 2021.

3. **Plackis A**, Hyman S, Robertson A. *Intraoperative Management of a Trauma Patient with Suspected Malignant Hyperthermia: A Case Report*. Medically Challenging Case Poster Presentation, Tennessee Society of Anesthesiologists Annual Meeting. Nashville, TN. February 22, 2020.
 - Awarded third place for poster presentation.
4. **Plackis A**, Rengel K, Pandharipande P. *Takotsubo Cardiomyopathy following Orthotopic Liver Transplant: A Case Report*. Medically Challenging Case Poster Presentation, American Society of Anesthesiologists Annual Meeting. Orlando, FL. October 21, 2019.
5. **Plackis A**, Clemens E, Smith R. *Airway Management for a Patient in Acute Respiratory Distress with an Obstructive Subglottic Mass of Unknown Anatomy*. Medically Challenging Case Poster Presentation, American Society of Anesthesiologists Annual Meeting. Orlando, FL. October 20, 2019.
6. **Plackis A**, Hyman S, Robertson A. *Intraoperative Management of a Trauma Patient with Suspected Malignant Hyperthermia: A Case Report*. Medically Challenging Case Poster Presentation, International Anesthesia Research Society Annual Meeting. Montreal QC, Canada. May 19, 2019.
7. Sherman S, Lewis H, **Plackis A**, Thompson S, James C, Gray A, Smith P. *Hop Test Performance Does Not Correlate with Neuromuscular Control During the Drop Vertical Jump Test*. Poster Presentation, Health Sciences Research Day, University of Missouri School of Medicine. Columbia, MO. November 13, 2014.
8. **Plackis A**, Thompson S, Gray A, Sherman S. *The Development of an Objective Functional Knee Scoring System: Baseline Testing in Young, Healthy Controls*. Poster Presentation, Health Sciences Research Day, University of Missouri School of Medicine. Columbia, MO. November 14, 2013.
9. Thompson S, **Plackis A**, Sherman S, Gray A. *A Biomechanical Analysis of the Fastball, Curveball, and Change-up in Youth Baseball Pitching*. Poster Presentation, Health Sciences Research Day, University of Missouri School of Medicine. Columbia, MO. November 14, 2013.

TEACHING ACTIVITIES

2022	Diffuse Aortic Thrombosis following Acute Ascending Aortic Dissection Repair and Separation from Cardiopulmonary Bypass, Tuesday Morning Lecture Series, Vanderbilt University Medical Center, Division of Cardiothoracic Anesthesiology. 05/10/22.
2020	Dexmedetomidine for Atrial Fibrillation and Delirium Prevention in Cardiac Surgery Patients, DECADE Trial Analysis, CA-2/CA-3 Resident Landmark Article Review Series. Vanderbilt University Medical Center. 9/9/20.
2020	Massive Transfusion, CA-1 Survival Lecture Series. Vanderbilt University Medical Center. 7/8/20.
2020	Level 1 OR Cases, CA-1 Survival Lecture Series. Vanderbilt University Medical Center. 7/8/20.
2020	Myasthenia Gravis in Pregnancy, Obstetric Anesthesia PBL-D. Vanderbilt University Medical Center. 6/26/20.
2020	Anesthetic Pre-Operative History and Physical, June Bootcamp for Rising CA-1's. Vanderbilt University Medical Center. 6/1/20.
2019	Neuraxial Procedures in Patients with Brain and Spinal Cord Tumors, Obstetric Anesthesia PBL-D. Vanderbilt University Medical Center. 10/18/19.
2019	Introduction to Anesthesia and Basic Monitoring, Medical Student Lecture Series. Vanderbilt University Medical Center. 10/1/19.
2019	Anesthesia Induction Agents, Medical Student Lecture Series. Vanderbilt University Medical Center. 9/10/19.

- 2019 Pursuing a Career in Anesthesia. Resident Representative, Vanderbilt Anesthesia Interest Group Introductory Meeting. Vanderbilt University School of Medicine. 9/6/19.
- 2019 Anesthetic Pre-Operative History and Physical, June Bootcamp for Rising CA-1's. Vanderbilt University Medical Center. 6/3/19.
- 2018 Maintenance and Emergence of Anesthesia, Medical Student Lecture Series. Vanderbilt University Medical Center. 12/6/18.

VOLUNTEER EXPERIENCE

- 2019 – 2020 Mentor, Vanderbilt Junior Resident Mentorship Program
 - 2020: Willie Agee, MD (Resident Physician, General Mentorship)
 - 2019: Elise Clemens, MS-4 (Medical Student, General Mentorship)
- 2018 – 2020 Instructor, “Residents as Teachers”
- 2013 Medical Mission Trip Volunteer, Guatemala ASELSI
- 2012 – 2014 Clinic Volunteer, MedZou Community Health Clinic
- 2012 – 2014 Clinic Volunteer, MedZou Musculoskeletal Health Clinic
- 2009 – 2011 Hospital Volunteer Transporter, Harry S Truman Veterans' Hospital, Columbia, MO

SUPPLEMENTAL TRAINING

- 2022 PHILIPS Ultrasound Clinical Education Symposium, Las Vegas, NV. 6/6/22-6/9/22.
 - Week-long symposium to learn advanced transesophageal echocardiography techniques and Philips ultrasound equipment.
- 2019 Annual Value-Based Health Care Delivery Seminar, Vanderbilt University Owen Graduate School of Management. 10/23/19-10/24/19.
 - Two-day seminar focused on developing health policy, executive leadership, and quality improvement skills.
- 2019 Thomas A. Hazinski Faculty Development Workshop, “The Teacher Within: Nurturing and Developing Teaching Skills from Students to Leaders.” Vanderbilt University Medical Center. 10/11/19.
 - One-day workshop for professional development in medical education.

INTERESTS

- General Anesthesia: Induction/maintenance of anesthesia, emergence from anesthesia, positioning, ventilator management, hemodynamic management
- Airway Management: Intubation and extubation, single and double lumen tubes, laryngeal mask airway (LMA), ventilation, oxygenation
- Cardiac Anesthesia: Cardiac surgery, mechanical circulatory support, ECMO, heart transplant, interventional cardiology, cardiac catheterization and electrophysiology procedures
- Neuraxial and Regional Anesthesia: Epidural/spinal anesthesia, nerve blocks, nerve injury
- Pre-operative assessment/optimization and post-operative patient management (PACU)
- Monitoring: arterial line, central line, pulmonary artery catheter (PAC), transesophageal echocardiography (TEE)
- Adverse Events: Cardiac arrest, hypotension, hypoxia, aspiration, intra-operative awareness
- Medications: Neuromuscular blockers, propofol, volatile anesthetics, medication errors
- Other anesthesia types: Monitored anesthesia care, NORA (Non-OR Anesthesia)