

V. ANTOINE KELLER, MD, FACC, FACS

Professor and Chief, Division of Cardiac Surgery

University of Mississippi Medical Center, Jackson, Mississippi

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ACADEMIC APPOINTMENTS

2026–Present	Professor and Chief, Division of Cardiac Surgery Department of Surgery, University of Mississippi Medical Center, Jackson, Mississippi
2022–2026	Clinical Assistant Professor of Surgery Louisiana State University School of Medicine, New Orleans, Louisiana
2010–2013	Clinical Assistant Professor of Surgery Tulane School of Medicine, New Orleans, Louisiana
2006–2008	Clinical Assistant Professor of Surgery and Cardiology Louisiana State University School of Medicine, New Orleans, Louisiana

EDUCATION

1988–1992	Doctor of Medicine — Duke University School of Medicine, Durham, North Carolina
1983–1988	Psychobiology — University of California, Los Angeles, California

POST-GRADUATE TRAINING

1999–2001	Fellowship, Cardiovascular and Thoracic Surgery — Carolinas Medical Center / Carolinas Heart Institute, Charlotte, North Carolina
1998–1999	Chief Resident, General Surgery — Tulane School of Medicine
1995–1997	Research Fellow, Surgery — Tulane School of Medicine
1993–1998	Residency, General Surgery — Tulane School of Medicine
1992–1993	Internship, General Surgery — Tulane School of Medicine

BOARD CERTIFICATIONS

2003 (Recert. 2023)	American Board of Thoracic Surgery Certificate No. 6800
2000	American Board of Surgery Certificate No. 44884

MEDICAL LICENSURE AND CERTIFICATIONS

Louisiana	#021788
Mississippi	#22054
DEA	#BK9898149
Certifications	BLS; ACLS; ATLS (Certified Instructor)

CLINICAL APPOINTMENTS

2026–Present	University of Mississippi Medical Center, Jackson, Mississippi Professor and Chief, Division of Cardiac Surgery; Department of Surgery
2021–2026	Ochsner Lafayette General Hospital, Lafayette, Louisiana

Attending Cardiovascular, Thoracic and Endovascular Surgeon

2019–2021 Baton Rouge Physicians Group, Baton Rouge, Louisiana

Attending Cardiovascular, Thoracic and Endovascular Surgeon

2013–2019 St. Dominic's Cardiovascular Associates, Jackson, Mississippi

Attending Cardiovascular, Thoracic and Endovascular Surgeon | Chief of Surgery

2013 Surgical Specialists Group, New Port Richey, Florida

Attending Cardiovascular, Thoracic and Endovascular Surgeon

2009–2013 Cardiovascular and Thoracic Specialists, Baton Rouge, Louisiana

Attending Cardiovascular, Thoracic and Endovascular Surgeon | Chief of Surgery

2002–2009 Cardiovascular Institute of the South, Lafayette, Louisiana

Attending Cardiovascular, Thoracic and Endovascular Surgeon | Chief of Surgery

NONPROFIT LEADERSHIP

2020–Present HeartSense, Inc., Lafayette, Louisiana

Founder and President | 501(c)(3) nonprofit organization deploying AI-enabled phonocardiographic cardiac screening in underserved communities, HBCUs, and rural Gulf South populations. EIN: 84-4332946.

INDUSTRY RELATIONSHIPS AND DISCLOSURES

- Speaker and Proctor: Medtronic, Inc.; Edwards Lifesciences Corporation; Stryker Corporation
- Clinical Advisory Board Member: EKO Health, Inc.
- In-Kind Grant Recipient: EKO Health, Inc. (SENSOR/CORE 500 platform for HeartSense community screening research)

HONORS AND AWARDS

2025	President's Lifetime Achievement Award — Office of President Joseph Biden
2020	Ranked #1 Cardiac Surgery Program in Louisiana — HealthGrades
2002	Invited Keynote Speaker — UCLA David Geffen School of Medicine
2000	Robicsek Traveling Fellowship — Lahr, Germany
1999	Owl Club Award for Excellence in Teaching — Tulane School of Medicine
1998	I. Mims Gage Award for Outstanding Teaching Resident — Tulane School of Medicine
1997	Edward Kremenetz Award for Excellence in Research — Tulane School of Medicine
1997	New Orleans Surgical Society Research Competition — 2nd Prize
1996	International Society for Hypertension in Blacks — Fellowship Award
1996	Southern Medical Association — Research Grant Award
1996	New Orleans Surgical Society Research Competition — 1st Prize
1995	Tulane Surgical Society — Research Scholar
1992	Outstanding Surgery Resident of the Year — Touro Hospital, New Orleans
1989	Appointed to the Duke University Comprehensive Sickle Cell Center Advisory Board
1988	Dean's Full Tuition Scholarship — Duke School of Medicine
1983	National Merit Scholar — Outstanding Negro Student

PROFESSIONAL SOCIETY MEMBERSHIPS

2019	American College of Cardiology — Fellow (FACC)
2010	American Heart Association — Member
2006	Association of Black Cardiologists — Member
2005	American College of Surgeons — Fellow (FACS)
2004	Southern Thoracic Surgeons Association — Member

2004	Society of Thoracic Surgeons — Member
2003	Association of Black Cardiothoracic Surgeons — Member
2001	American College of Cardiology — Member
1997	Association for Academic Surgeons — Member
1996	International Society for Hypertension in Blacks — Member
1992	Society of Black Academic Surgeons — Member
1990	National Medical Association — Member
1988	American Medical Association — Member

CLINICAL RESEARCH PARTICIPATION

2024–2025

Co-Investigator — ALERT Trial (NCT06099665)

Automated Alerts to Improve Timely Evaluation and Treatment of Valvular Heart Disease. Multicenter, cluster-randomized trial; 35 hospitals, 5 US health systems. Funded by Tempus AI, Inc. and Medtronic, Plc.

1997 Sub-Investigator — Merck: L-749345 vs. Ceftriaxone in serious infections

1997 Sub-Investigator — R. W. Johnson: Levofloxacin vs. Ticarcillin/Clavulanate in skin/skin-structure infections (Protocol #LOFBIV-SSS-040) — PI: Ronald Lee Nichols, MD

1997 Sub-Investigator — Wyeth-Ayerst: Piperacillin/Tazobactam vs. Imipenem/Cilastatin in intra-abdominal infections (Protocol 0910A6-302-US) — PI: Ronald Lee Nichols, MD

1996–1997 Sub-Investigator — Alpha-Beta Technology: Betafectin® PGG-Glucan for prevention of serious infections (Protocol #F-G95-01) — PI: Ronald Lee Nichols, MD

1996–1997 Sub-Investigator — Pfizer Pharmaceuticals: E-5 Monoclonal Antibody in severe sepsis (Protocol #92-S-2500) — PI: Ronald Lee Nichols, MD

PUBLICATIONS — PEER-REVIEWED MANUSCRIPTS

2026

1. Batchelor WB, Lindman BR, Coylewright M, **Keller A**, Wehman B, Chhatriwalla A, Patel SM, Stiver K, Zahr F, Sotelo M, Shin D, Rogers C, Hickey GL, Williams J, Fan M, Vemulapalli S. Automated alerts to improve timely evaluation and treatment of valvular heart disease: The ALERT Trial. J Am Coll Cardiol. 2026 [Epub ahead of print]. doi:10.1016/j.jacc.2026.03.037

2025

2. Batchelor WB, Lindman BR, Coylewright M, **Keller A**, Sotelo M, Wagner L, Rogers C, Hickey GL, Williams J, Chang Y, Vemulapalli S. A randomized trial evaluating automated notifications for the identification and treatment of aortic stenosis and mitral regurgitation: The ALERT Study. J Soc Cardiovasc Angiogr Interv. 2025;4(4):104040. doi:10.1016/j.jscvi.2025.104040

2024

3. Thomas DT, **Keller A**, Khaldun JS, Bennett M, Baechler CJ. Operationalizing good intentions: how organizations are translating evidence into health equity action. JACC Adv. 2024;3(7):100955. doi:10.1016/j.jacadv.2024.100955

2023

4. Allen KB, Watson D, Vora AN, Mahoney P, Chhatriwalla AK, Schwartz JG, **Keller A**, Sodhi N, Haugan D, Caskey M. Transcatheter versus transaxillary access for transcatheter aortic valve replacement with a self-expanding valve: a propensity-matched analysis. JTCVS Tech. 2023;21:45-55. doi:10.1016/j.jtc.2023.07.019

5. Sevilla-Cazes J, Almarzooq ZI, Kyalwazi AN, Wang Y, Song Y, Batchelor WB, **Keller VA**, Strom J, Wadhera RK, Yeh RW. Residential racial segregation in aortic stenosis diagnosis and transcatheter aortic valve implantation among Medicare patients. JACC Adv. 2023;2(5):100415. doi:10.1016/j.jacadv.2023.100415

2021

6. **Keller VA**. Overcoming disparities in access to care for communities of color [Op-Ed]. MedCity News. 2021 May 25. <https://medcitynews.com/2021/05/overcoming-disparities-in-access-to-care-for-communities-of-color/>

2014

7. Atianzar K, Mohamad A, Galazka P, **Keller VA**, Delafontaine P, Sam AD 2nd. Endovascular stent-graft repair of ascending aortic dissection with a commercially available thoracic endograft. *Ann Thorac Surg*. 2014;98(2):715-717. doi:10.1016/j.athoracsur.2013.09.047

2006

8. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Allie AA, Walker CM. Targeted renal therapy in chronic renal insufficiency and contrast-induced nephropathy. *J Endovasc Ther Suppl*. 2006;1:I-3.

9. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Vivekananthan K, Allie SE, Mitran EV, Allie AA, McElderry MW, Barker EA, Walker CM. Adjunctive bioengineered bi-layered cell therapy (Apligraf®) with excimer laser revascularization improves wound healing and limb salvage in critical limb ischemia. *Vasc Dis Manage*. 2006;2(1):185-192.

2005

10. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Khan MH, Khan MA, Fail PS, Vivekananthan K, Allie SE, Mitran EV, Chaisson G, Stagg SJ 3rd, Allie AA, McElderry MW, Barker EA, Walker CM. A safety and feasibility report of combined direct thrombin and GP IIb/IIIa inhibition with bivalirudin and tirofiban in peripheral vascular disease intervention: treating critical limb ischemia like acute coronary syndrome. *J Invasive Cardiol*. 2005;17(8):427-432.

2004

11. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Khan MH, Barker EA, McElderry MW, Khan MA, Fail PS, Stagg SJ 3rd, Mitran EV, Chaisson G, Allie SD, Allie AA, Walker CM. Novel simultaneous combination chemical thrombolysis/rheolytic thrombectomy therapy for acute critical limb ischemia: the power-pulse spray technique. *Catheter Cardiovasc Interv*. 2004;63(4):512-522.

12. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Khan MH, Khan MA, Fail PS, Chaisson GA, Vitrella DA, Allie SD, Allie AA, Mitran EV, Walker CM. Continuous tenecteplase infusion combined with peri/postprocedural platelet glycoprotein IIb/IIIa inhibition in peripheral arterial thrombolysis: initial safety and feasibility experience. *J Endovasc Ther*. 2004;11(4):427-435.

13. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, **Keller VA**, Souther SM, Allie AA, Mitran EV, Walker CM. Novel treatment strategy for leg and sternal wound complications after coronary artery bypass graft surgery: bioengineered Apligraf. *Ann Thorac Surg*. 2004;78(2):673-678.

14. Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, Khan MH, Khan MA, Fail PS, Chaisson GA, **Keller VA**, Vitrella DA, Allie SD, Allie AA, Mitran EV, Walker CM. Intraoperative innominate and common carotid intervention combined with carotid endarterectomy: a 'true' endovascular surgical approach. *J Endovasc Ther*. 2004;11(3):258-262.

2003

15. Allie DE, Lirtzman MD, Wyatt CH, **Keller VA**, Khan MH, Khan MA, Fail PS, Hebert CJ, Ellis SD, Mitran E, Chaisson G, Stagg S Jr, Allie AA, Walker CM. Bivalirudin as a foundation anticoagulant in peripheral vascular disease: a safe and feasible alternative for renal and iliac interventions. *J Invasive Cardiol*. 2003;15(6):334-342.

1998

16. **Keller VA**, Pigott JD, Flint LM, Hart KK, Lefer DJ, Ferrara JJ. Age-related differences in response to neutrophil-mediated reperfusion injury in the neonatal piglet heart. *Surgery*. 1998;123(3):294-304.

17. **Keller VA**, Toporoff BM, Raziano RM, Pigott JD, Mills NL. Carnitine supplementation improves myocardial function in hearts from ischemic diabetic and euglycemic rats. *Ann Thorac Surg*. 1998;66(5):1600-1603.

18. Ferrara JJ, Franklin EW, Kukuy EL, Flynn DM, Gillman DA, **Keller VA**, Choe EU, Flint LM, Lefer DJ. Lymph isolated from a regional scald injury produces a negative inotropic effect in dogs. *J Burn Care Rehabil*. 1998;19(3):296-304.

1997

19. **Keller VA**, Melancon JK, Thomas TV, Pigott JD, Flint LM, Lefer DJ, Ferrara JJ. Mild pre-ischemia hypothermia adversely affects post-ischemic myocardial function in the neonatal piglet heart. *J Surg Res*. 1997;73(1):54-58.

20. **Keller VA**, Mansfield EJ, Beech DJ. Reappraisal of excisional techniques in the diagnosis of breast masses in women ≤ 25 years of age. *Surg Forum Am Coll Surg*. 1997;48:614-616.

1992

21. Phillips G, Becker B, **Keller VA**, Hartman J. Hypothyroidism in adults with sickle cell anemia. *Am J Med*. 1992;92(5):567.

1990

22. Phillips G, Becker B, **Keller VA**, Santiago M, Pizzo S. Regulation of tissue plasminogen activator in sickle cell anemia. *Am J Hematol*. 1990;35(2):167–170.

PUBLICATIONS — BOOK CHAPTERS

1. **Keller VA**. The Sternum: Anatomy, Biomechanics, Surgical Approaches, and Sternal Wound Management. In: [Cardiothoracic Surgery Textbook Series]. Springer Nature; 2026. In press.
2. **Keller VA**, Nichols RL. Bacterial diseases of the skin. In: Rakel RE, ed. *Conn's Current Therapy 2000*. Philadelphia, PA: W.B. Saunders; 2000.
3. **Keller VA**, Lefer DJ. Local consequences of reperfusion in cardiac muscle. In: *Ischemia-Reperfusion Injury*. Oxford: Blackwell Science; 1999.

SCIENTIFIC PRESENTATIONS

2026

- Cosentino Castanon MD, Foley K, Allam M, Keller VA. Low cost pressurized porcine heart model with physiologic coronary flow for cardiopulmonary bypass and off-pump skills training [oral presentation]. American College of Surgeons Annual Meeting; March 2026; Chicago, IL.

2025

- Impact of Automated Electronic Health Record Notifications on the Identification and Treatment of Severe Aortic Stenosis and Mitral Regurgitation: The ALERT Randomized Clinical Trial [late-breaking clinical trial]. ACC.26 Annual Scientific Session; March 29, 2026; New Orleans, LA. Principal presenter: Batchelor WB; co-investigators include Keller VA.
- Advances in Cardio-Thoracic Surgery: Innovation and Cross-Discipline Collaboration in the Technology Age [invited lecture]. SPCMIN Congress XVIII; September 2025; Porto, Portugal.
- Strategies for Identifying and Treating Under-Represented Minority Patients with Structural Heart Disease [invited presentation]. ACC Clinical Trials Research Summit; February 2025; Washington, DC.

2024

- John Henryism and Suicidality in African American/Black Men and Boys — Cardiovascular Consequences [invited lecture]. American Psychiatric Association Annual Meeting; May 2024; New York, NY.
- Exploring Artificial Intelligence Applications in Value-Based Care [invited lecture]. American Physicians Group Spring Meeting; May 2024; San Diego, CA.
- In Tandem: A Case of High-Grade Stenosis of the Left Common Carotid Ostium and Internal Carotid Necessitating a Hybrid Approach Utilizing Retrograde Carotid Artery Stenting and Carotid Endarterectomy [moderated poster]. ACC.24 Annual Scientific Session; April 2024; Atlanta, GA.
- Innovative Technology for Equitable Healthcare in Underserved Populations [invited lecture]. HIMSS 2024; March 2024; Orlando, FL.

2023

- Addressing Inequities in Clinical Outcomes for Structural Heart Disease — Curative Intervention [invited lecture]. 4th Structural Heart Disease Asia-Pacific Symposium (Virtual); September 2023; Cambridge, New Zealand.
- Latest in Carotid Revascularization: TCAR and Beyond [invited lecture]. NCVH-Lafayette; August 2023; Lafayette, LA.
- Promoting Heart Health Equity in Primary Care: Using Point-of-Care AI Technology to Overcome a Crisis in Primary Care Misdiagnosis of Valvular Heart Disease [invited lecture]. National Medical Association Annual Convention and Scientific Assembly; July 2023; New Orleans, LA.
- Leveraging Innovative Technology to Deliver Health Equity in Underserved Communities [invited lecture]. Pennington Biomedical Health Equity Program; June 2023; Baton Rouge, LA.
- Aortic Valve Replacement — A Surgeon's Perspective [invited lecture]. NCVH-Baton Rouge; June 2023; Baton Rouge, LA.
- When to Consider Coronary Artery Bypass: A Primary Care Primer [invited lecture]. NCVH Annual Meeting; May 2023; New Orleans, LA.

2022

- Feasibility of Transcarotid Transcatheter Aortic Valve Replacement Utilizing Dynamic Carotid Artery Flow Reversal and Medtronic Evolut Pro Platform [moderated poster]. ACC.22 Annual Scientific Session; April 2022; Washington, DC.

2021

- A Tale of Two Guidelines: ESC vs. AHA/ACC Heart Valve Guidelines [invited presentation]. TCT 2021; November 2021; Orlando, FL.

2020

- Stress-Induced Development of Severe Aortic Stenosis in a Patient with Moderate Aortic Stenosis at Rest [accepted oral presentation]. Heart Valve Society Annual Meeting; February 2020; Abu Dhabi. [Accepted; unable to present due to COVID-19 pandemic.]

2019

- Obtaining Effective Support for Your New TAVR Program [invited presentation]. TCT 2019; September 2019; San Francisco, CA.

2016

- Value of the Implementation of an ECHO Alert System in Stimulating Heart Program Volume [invited lecture]. Edwards Lifesciences ValveNet Advisory Board Meeting; May 2016; Chicago, IL.

2015

- Dogma, Reason, and the Changing Paradigm for the Treatment of Aortic Stenosis [CME Grand Rounds]. St. Dominic's Hospital; June 2015; Jackson, MS.

2014

- New Techniques in Cardiovascular Surgery: Quality and Teamwork in an Era of the Universal Staff Member [invited lecture]. 16th Annual Cardiovascular Institute of North Colorado Heart Conference; February 2014; Greeley, CO.

2013

- Treatment Paradigms in Aneurysm Disease for the Family Physician [CME presentation]; November 2013; Palm Harbor, FL.
- Undertreatment of Aortic Stenosis [CME Grand Rounds]. Regional Medical Center Bayonet Point; May 2013.

2012

- Stress-Induced Development of Severe Aortic Stenosis — Part II [invited lecture]. National Institutes of Health; August 2012; Bethesda, MD.
- New Perspectives on Aortic Stenosis: Diagnostic Considerations in a Time of Rapid Technological Advancement [invited lecture]. National Medical Association — Louisiana State Meeting; June 2012; Lafayette, LA.
- Undertreatment of Aortic Stenosis: A Primary Care Epidemic [invited lecture]. New Cardiovascular Horizons; June 2012; New Orleans, LA.
- Update on Vena Cava Filters — Indications, Types, Techniques [invited lecture]. New Cardiovascular Horizons; June 2012; New Orleans, LA.

2011

- Stress-Induced Development of Severe Aortic Stenosis in Patient with Moderate Aortic Stenosis at Rest [invited lecture]. National Institutes of Health; August 2011; Bethesda, MD.

2007

- Persistent Disparities in Cardiovascular Healthcare in the United States [invited lecture]. New Cardiovascular Horizons; October 2007; New Orleans, LA.
- Role of Temporary and Permanent IVC Filters in the Prevention of Massive Pulmonary Embolism [invited lecture]. New Cardiovascular Horizons; October 2007; New Orleans, LA.

2006

- Update on Venous Thromboembolic Disease [invited lecture]. 13th Annual Baptist Health System Cardiovascular Update Conference; November 2006; San Antonio, TX.
- Sudden Cardiac Death: Optimizing Drug and Device Therapy [CME Grand Rounds]. LSU School of Medicine, Department of Family Medicine; November 2006; Lafayette, LA.

- Cardiovascular Disease Disparities: Addressing the Incidence and Epidemiology [invited lecture]. New Cardiovascular Horizons; November 2006; New Orleans, LA.
- The High-Risk Patient for Massive Pulmonary Embolism: The Role of Temporary and Permanent IVC Filters [invited lecture]. New Cardiovascular Horizons; November 2006; New Orleans, LA.
- Endo-Venous Laser Therapy for Varicose Veins, Spider Veins, and Chronic Venous Insufficiency [invited lecture]. New Cardiovascular Horizons; November 2006; New Orleans, LA.
- Global DVT Summit [moderator]. New Cardiovascular Horizons; November 2006; New Orleans, LA.

2005

- Introduction to Catheter-Based Techniques [STS University instructor]. Society of Thoracic Surgeons 41st Annual Meeting; 2005.
- Percutaneous — New Horizons — for Venous Disorders [invited lecture]. New Cardiovascular Horizons; October 2005; Miami, FL.
- Endovascular Treatment of Varicose Veins and Chronic Venous Insufficiency [invited lecture]. New Cardiovascular Horizons; October 2005; Miami, FL.
- Acute DVT: Prevention and Treatment — Emerging Therapies [invited lecture]. New Cardiovascular Horizons; October 2005; Miami, FL.
- Thromboembolic Disease — Epidemiology and Risk Stratification [invited lecture]. UL Lafayette Symposium; April 2005; Lafayette, LA.
- Stroke: New Tools for Diagnosis and Treatment [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; November 2005.
- Diabetes as a Cardiovascular Disease [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; September 2005.
- Abdominal Aortic Aneurysm: New Non-Surgical Treatments [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; August 2005.

2004

- New and Innovative Treatments for Venous Disorders [invited lecture]. New Cardiovascular Horizons; November 2004; New Orleans, LA.

2003

- Aortic Valve Replacement — Nursing Considerations [invited lecture]. UL Lafayette Nursing Symposium; 2003; Lafayette, LA.
- Newest Treatments for Leg Pain: Peripheral Vascular Disease [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; June 2003.
- Abdominal Aortic Aneurysms: New Non-Surgical Techniques for Repair [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; March 2003.

2002

- Keynote Address: 20th Anniversary Pre-Medical Enrichment Program [invited keynote]. UCLA School of Medicine; May 17, 2002; Los Angeles, CA.
- New Treatments for Varicose Veins [community lecture]. AOC Community Access Channel — CIS Cardiovascular Update; August 2002.

1999

- Non-operative Management of Blunt Abdominal Injuries [grand rounds]. General Surgery Grand Rounds, Tulane School of Medicine; February 27, 1999; New Orleans, LA.

1998

- Ischemia-Reperfusion Injury and the Neonatal Heart [invited presentation]. Annual Meeting of the Society of Clinical Surgeons; November 6, 1998; New Orleans, LA.
- Cellular Adhesion Molecules and Reperfusion Injury in Surgery [basic science conference]. General Surgery Basic Science Conference, Tulane Department of Surgery; October 31, 1998; New Orleans, LA.
- Studies in Ischemia and Reperfusion [grand rounds]. General Surgery Grand Rounds, Tulane School of Medicine; May 6, 1998; New Orleans, LA.
- Minimal Deviation Melanoma in Childhood Melanoma: A Good Prognostic Factor [invited presentation]. Annual Meeting of the Louisiana Chapter, American College of Surgeons; January 21, 1998; New Orleans, LA.

1997

- Acute L-Carnitine Therapy Improves Post-Ischemic Left Ventricular Function in Hyperglycemic Rats [oral presentation]. 44th Annual Meeting of the Southern Thoracic Surgical Association; November 6–8, 1997; Naples, FL.
- Reappraisal of Excisional Techniques in the Diagnosis of Dominant Breast Masses in Women ≤25 Years of Age [oral presentation]. Surgical Forum, American College of Surgeons; October 1997; Chicago, IL.
- Acute L-Carnitine Therapy Lessens Reperfusion Dysfunction in the Diabetic Rat Heart. New Orleans Surgical Society Research Competition; 1997. [2nd Prize]
- Sialyl-Lewis^x (SLe^x) Deficiency Imparts Tolerance to PMN-Mediated Reperfusion Injury in Younger Neonates — Part II [oral]. 58th Annual Meeting, Society of University Surgeons — Residents' Conference; February 1997; Tampa, FL.
- Sialyl-Lewis^x (SLe^x) Deficiency Imparts Tolerance to PMN-Mediated Reperfusion Injury in Younger Neonates — Part I [poster]. 2nd World Congress of Pediatric Cardiology and Cardiac Surgery; May 1997; Honolulu, HI.

1996

- Cancer in Women [invited lecture]. Tulane School of Public Health, Maternal and Child Health Seminar; October 1996; New Orleans, LA.
- Neutrophil-Mediated Ischemia-Reperfusion Injury in the Neonatal Heart — Molecular Mechanisms. New Orleans Surgical Society Spring Research Competition; 1996. [1st Prize]
- Comparison of Post-Ischemic Left Ventricular Recovery of the Newborn vs. 2-Week-Old Piglet Heart [poster]. FASEB '96; April 1996; Washington, DC.
- Hypothermia Impairs Functional Recovery of the Neonatal Piglet Heart Following Ischemia-Reperfusion [poster]. FASEB '96; April 1996; Washington, DC.

1995

- Enteric Foregut Cysts in the Pediatric Population: Case Report and Review [grand rounds]. Ochsner Hospital Pediatric Surgery Grand Rounds; 1995.
- Survival of Ruptured Inferior Pancreaticoduodenal Artery Aneurysm [oral presentation]. Spring Meeting of the Gulf Coast Vascular Society; April 1995.

1994

- Myocardial Protection in Cardiopulmonary Bypass [grand rounds]. General Surgery Grand Rounds, Tulane School of Medicine; November 1994; New Orleans, LA.

PUBLISHED ABSTRACTS AND CONFERENCE PROCEEDINGS

2025 — ACC.25 Annual Scientific Session, Chicago, IL (March 29–31, 2025)

1. **Keller VA**, Lawrence J, Pickard B. A case of severe circumferential sinotubular junction (STJ) stenosis and aortic calcification treated with direct aortic access TAVR using a self-expanding prosthesis. *J Am Coll Cardiol.* 2025;85(12 Suppl):4280. doi:10.1016/S0735-1097(25)04764-3
2. **Keller VA**, Pickard B. Artificial intelligence enabled digital auscultation (AIEDA) screening reveals higher than expected prevalence of undiagnosed structural heart disease in underserved community. *J Am Coll Cardiol.* 2025;85(12 Suppl):2841. doi:10.1016/S0735-1097(25)03325-X
3. **Keller VA**, Lodha A, Pickard B. Cardiac cathlab setting transcatheter arterial revascularization (TCAR) by cardiologist/surgeon tandem team provides improved institutional workflow and procedural efficiencies over surgical setting. *J Am Coll Cardiol.* 2025;85(12 Suppl):2734. doi:10.1016/S0735-1097(25)03218-8

2024 — ACC.24 Annual Scientific Session, Atlanta, GA (April 2024)

4. **Simon T, Keller VA**, Shenawi I, Saravanan R. In tandem: a case of high-grade stenosis of the left common carotid ostium and internal carotid necessitating a hybrid approach utilizing retrograde carotid artery stenting and carotid endarterectomy. *J Am Coll Cardiol.* 2024;83(13 Suppl):3388. doi:10.1016/S0735-1097(24)05378-6

2023 — Society of Thoracic Surgeons Annual Meeting

5. **Keller VA**, Echefu G, Stagg P, Everett B, Udoh A, Polala R, Ramaraju R. Primary rigid plate fixation of median sternotomy significantly reduces major sternal complications and post-operative severe pain [abstract]. Society of Thoracic Surgeons Annual Meeting; 2023.

2023 — Texas Cardiovascular Innovations Conference, San Antonio, TX (August 18–19, 2023)

6. **Keller VA**, Keller MA, McDonough RV, Hitchcock C, Currie C. Heart disease detection AI in a community setting: a collaborative case study between Eko Health and HeartSense [poster]. Texas Cardiovascular Innovations Conference; August 18–19, 2023; La Cantera Resort, San Antonio, TX.

2022 — TCT 2022

7. **Allen KB, Keller VA**, Watson D, Vora AN, Mahoney P, Chhatrwalla AK, Schwartz JG, Sodhi N, Eisenberg R, Caskey M. TCT-606: transcarotid vs transaxillary access for transcatheter aortic valve replacement with a self-expanding, supra-annular valve [moderated poster]. *J Am Coll Cardiol*. 2022;80(12 Suppl):B249. doi:10.1016/j.jacc.2022.08.790

2022 — ACC.22 Annual Scientific Session, Washington, DC (April 2022)

8. **Keller VA**, Green G, et al. Feasibility of transcarotid transcatheter aortic valve replacement utilizing dynamic carotid artery flow reversal and Medtronic Evolut Pro platform [moderated poster]. *J Am Coll Cardiol*. 2022;79(9 Suppl):3398. doi:10.1016/S0735-1097(22)04389-3

2022 — ATA Annual Meeting, Boston, MA (May 2022)

9. Pung L, Kaplan C, Everett B, Chan K, Lastowski E, Currie C, Keller A. Implementation of an AI-enhanced digital stethoscope at a community health disparities-focused screening program [abstract]. ATA Annual Meeting; May 2022; Boston, MA.

2021 — TCT 2021, Orlando, FL (November 2021)

10. **Caskey M, Vora AN, Mahoney P, Schwartz J, Keller A**, Sodhi N, Allen KB, Eisenberg R, Watson D. TCT-143: transfemoral versus alternative access for transcatheter aortic valve replacement with Evolut platform [moderated poster]. *J Am Coll Cardiol*. 2021;78(19 Suppl S):B59. doi:10.1016/j.jacc.2021.09.993

2020 — Heart Valve Society Annual Meeting, Abu Dhabi

11. **Keller VA**, Green GG, Everett BS. Stress-induced development of severe aortic stenosis in a patient with moderate aortic stenosis at rest [abstract]. Heart Valve Society Annual Meeting; February 2020; Abu Dhabi.

2012 — National Institutes of Health

12. **Graves D, Keller VA**. Stress-induced development of severe aortic stenosis in patient with moderate aortic stenosis at rest. National Institutes of Health Young Investigator Development Program; 2012.

2005 — TCT 2005 (Am J Cardiol Supplement); EuroIntervention

13. **Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, Keller VA**, Khan MA, et al. Nitinol stent fractures: benign or malignant? Angiographic and fluoroscopic follow-up in 110 superficial femoral artery stents. *Am J Cardiol*. 2005;96(7 Suppl):TCT-70:34H.

14. **Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, Keller VA**, Khan MA, et al. Plaque excision in “real world” superficial femoral artery disease: 12-month clinical and angiographic follow-up. *Am J Cardiol*. 2005;96(7 Suppl):TCT-39:19H.

15. **Allie DE, Hebert CJ, Lirtzman MD, Wyatt CH, Keller VA**, Khan MA, et al. Combined glycoprotein IIb/IIIa and direct thrombin inhibition with eptifibatide and bivalirudin in the interventional treatment of critical limb ischemia: a safety and feasibility report. *Am J Cardiol*. 2005;96(7 Suppl):TCT-6:3H.

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