

PIKEVILLE MEDICAL CENTER

presents

EKY

HEART & VASCULAR

S Y M P O S I U M

Saturday, January 24, 2026 | Appalachian Wireless Arena, Pikeville, KY



**Heart & Vascular
Institute**
OF EASTERN KENTUCKY



HealthCare
GILL HEART & VASCULAR
INSTITUTE
Network

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ACCREDITED

ABIM
CME MOC
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Provided by the Office of Continuing Medical Education.
Accredited by the Kentucky Medical Association as a CME provider. For more information, call 606-430-8110.

AGENDA

7:30am.....Registration & Provided Breakfast

7:55am.....Opening Remarks

Moderator: Chase Reynolds, MD

Medical Director, Heart & Vascular Institute

Director, Arrhythmia Services & Electrophysiology

Pikeville Medical Center

8:00am.....Transcatheter Valve Intervention: TAVR & TEER Advances,
Outcome, and Clinical Integration

Learning Objectives:

Describe indications and patient selection for TAVR and Mitral Clip.

Summarize key trial results that inform the use of these interventions.

Identify the clinical utility of each procedure for aortic stenosis and mitral regurgitation.

Apply updated guidelines in clinical practice for better decision making.

Evaluate long-term outcomes and their impact on patient management.

Maen Assali, MD, FACC, FSCAI

9:00am.....Tricuspid Regurgitation:
EP-Structural Collaboration in the Extraction Era

Learning Objectives:

Discuss the importance of the tricuspid valve in the era of device therapy.

Describe the rising use of lead extraction.

Evaluate the growing role of transcatheter tricuspid therapies.

Kevin Parrott, MD

10:00am.....Break

A 30-minute break is scheduled to support independent,
hands-on educational exploration of TAVR and wet tissue lab equipment.

10:30am.....AF Management in the Modern Era
Highlights From The 2023 Guidelines

Learning Objectives:

Review the basics of atrial fibrillation management.

Compare paroxysmal atrial fibrillation vs persistent atrial fibrillation.

Review antiarrhythmic drugs vs ablation.

Joseph Souza, MD, MS, FACC, FHRS



www.pmcky.org/cme

11:30am.....Management of Women with Cardiovascular Disease and Congenital Heart Disease During Pregnancy and Post-Partum

Learning Objectives:

Describe the use of cardiovascular risk calculators during pregnancy.

Describe monitoring strategies during pregnancy and approaches to delivery planning.

Describe postpartum management and long-term management.

Ashley Brunmeier, MD

12:30pm.....Prepare for Lunch

Lunch is provided. Participants will eat during the next lecture.

12:45pm.....Complex Coronary Interventions and High-Risk Patients: Navigating Techniques, Technology, and Evidence

Learning Objectives:

Evaluate the merits and risks of high-risk PCI in 2026.

Adrian W. Messerli, MD

1:45pm.....Pacemaker & ICD Infection Management

Learning Objectives:

Recognize the mortality of guideline directed management for Cardiac Implant Electronic Device (CIED) infections.

Identify reasons for lack of CIED infection guideline adherence.

Identify areas of potential improvement to increase CIED infection guideline directed management.

Robert Lewis, MD, PhD, MBA

2:45pm.....Mechanical Circulatory Support for Heart Failure and Cardiogenic Shock

Learning Objectives:

Describe the physiologic basis for common types of heart failure and cardiogenic shock.

Explain how different mechanical circulatory support devices are matched to specific physiologic problems.

Identify when to involve and when not to involve the mechanical support team.

John Gurley, MD, FACC, FACP

3:45pm.....Adjournment

Thank you for attending.

We appreciate your interest in the EKY Heart & Vascular Symposium.

Disclosure of Relevant Financial Relationships

It is the policy of Pikeville Medical Center to adhere to ACCME Criteria, Policies, and Standards for Integrity and Independence in Accredited Continuing Education in order to ensure fair balance, independence, objectivity, and scientific rigor in all its accredited activities. All faculty and planners, along with the Activity Director and Co-Director, participating in accredited activities are expected to disclose relevant financial relationships pertaining to their contribution to the activity. Relationship information is analyzed to determine whether conflicts of interest exist. All conflicts of interest are mitigated prior to participation in the planning or implementation of this activity.

Faculty members are also expected to disclose any discussion of (1) off label or investigational uses of FDA approved commercial products or devices or (2) products or devices not yet approved in the United States. All disclosures will be made at the time of this accredited continuing education activity.

All of the relevant financial relationships for the above individuals will be mitigated prior to the symposium.

Resolution: The educational content has been peer reviewed, an attestation on file with no conflicts noted.

Name of Individual	Individual's Roles (e.g. Planner, Speaker)	Name of Ineligible Company(s)	Nature of Relevant Financial Relationship(s)
Chase Reynolds, MD	Planner, Moderator	Zoll, Philips, Boston Scientific, Medtronic, Atricure	Speaker, Trainer, Consultant, Researcher
Maen Assali, MD, FACC, FSCAI	Speaker	Medtronic, Pfizer, Johnson & Johnson, Edward Lifescience	Stockholder
John Gurley, MD, FACC, FACP	Speaker	None	None
Ashley Brunmeier, MD	Speaker	None	None
Adrian W. Messerli, MD	Speaker	None	None
Robert Lewis, MD, PhD, MBA	Speaker	Medtronic, Philips, Boston Scientific, Johnson & Johnson	Speaker, Consultant, Researcher
Kevin Parrott, MD	Speaker	Medtronic, Merit Medical	Speaker, Consultant, Proctor
Joseph Souza, MD, MS, FACC, FHRS	Speaker	Medtronic, Jude Medical, Vital Connect, Janssen Pharmaceuticals, Portola Pharmaceuticals, Boston Scientific	Consultant, Advisory Board Speaker, Former Advisory Board Member
Brenda Adams, CCMEC Director of CME	Planner	None	None
Amy Tibbs Medical Education Coordinator	Planner	None	None
Keylee Coleman, BSN, RN Staff Development Specialist	Planner	None	None



**American Board of Internal Medicine (ABIM)
Maintenance of Certification (MOC) Recognition Statement:**

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 7 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

ACCREDITATION & DESIGNATION STATEMENT

PHYSICIANS:

Pikeville Medical Center is accredited by the Kentucky Medical Association to provide continuing medical education for physicians.

Pikeville Medical Center designates this live activity for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSES:

Pikeville Medical Center is approved by the Kentucky Board of Nursing as a continuing medical education provider and will award 7 nursing contact hours for this program. KBN provider number 4-0042-12-26-0014 "Kentucky Board of Nursing approval of an individual nursing education provider does not constitute endorsement of program content."

SPEAKERS



Chase Reynolds
MD

Cardiac Electrophysiologist
Medical Director, Heart & Vascular Institute of Eastern KY
Director, Arrhythmia Services & Electrophysiology
Pikeville Medical Center, Pikeville, KY



Maen Assali
MD, FACC, FSCAI

Interventional Cardiologist
Heart & Vascular Institute of Eastern KY
Director, Cardiac Catheterization Lab
Pikeville Medical Center, Pikeville, KY



John Gurley
MD, FACC, FACP

Professor of Medicine
Interventional Cardiologist
Director, Structural Heart Program
University of Kentucky College of Medicine
Gill Heart & Vascular Institute, Lexington, KY



Ashley Brunmeier
MD

Assistant Professor of Medicine
Adult Congenital Heart Disease Cardiology
University of Kentucky College of Medicine
Gill Heart & Vascular Institute, Lexington, KY



Adrian W. Messerli
MD

Professor of Medicine
Interventional Cardiologist
Director, Interventional Cardiology Fellowship
University of Kentucky College of Medicine, Lexington, KY



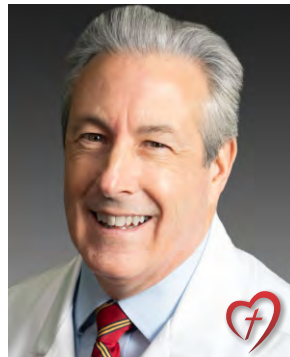
Robert Lewis
MD, PhD, MBA

Assistant Professor of Medicine
Cardiac Electrophysiologist
Duke Medical Center, Durham, NC



Kevin Parrott
MD

Cardiac Electrophysiologist
Baptist Health, Louisville, KY



Joseph Souza
MD, MS, FACC, FHRS

Cardiac Electrophysiologist
Heart & Vascular Institute of Eastern KY
Pikeville Medical Center, Pikeville, KY

This educational activity is supported in part by an independent educational grant from

PHILIPS

We extend our sincere gratitude and appreciation to all of our symposium exhibitors.

Your support plays a vital role in making this event possible



Edwards





Heart & Vascular Institute

OF EASTERN KENTUCKY
AT PIKEVILLE MEDICAL CENTER

The Heart and Vascular Institute of East Kentucky at Pikeville Medical Center (PMC) began in a modest single-room mobile unit parked behind the hospital and has now evolved into a cutting-edge facility that stands as a symbol of resilience and progress for our region. With the help of grant funding, PMC is able to expand, purchase state-of-the-art equipment and recruit top cardiovascular specialists. The impact has been transformational for the entire region. The center embodies a spirit of dedication, perseverance and commitment to advancing cardiac and vascular healthcare in Central Appalachia.

It was from these humble beginnings that the first cardiac intervention was performed, setting in motion a series of monumental milestones that have revolutionized healthcare in Eastern Kentucky and the broader Central Appalachia. One of the most significant strides occurred in 2018, with the addition of three state-of-the-art cardiac catheterization labs. These labs, equipped with two Hybrid Suites capable of converting into full operating rooms, provided a new level of flexibility. For the first time, complex procedures requiring both minimally invasive techniques and surgical approaches could be performed in the same room, offering patients life-saving care without delay.

PMC offers a wide spectrum of cardiovascular care, from preventative screenings to complex surgeries. Advanced cutting-edge technology and meticulous attention to detail enhance patient safety and comfort. At PMC, "time is muscle," and nowhere is this more apparent than in our remarkable door-to-balloon times for heart attack patients. While the national standard is 90 minutes, our average is consistently between 50 and 60 minutes, with a record of an astonishing 26 minutes.

The journey of the Heart and Vascular Institute of Eastern Kentucky at Pikeville Medical Center is a testament to our vision of providing exceptional care to a region that once faced limited access to advanced cardiac treatments and specialty services.





PMC ELECTROPHYSIOLOGISTS PUBLISHED IN PREMIER MEDICAL JOURNAL AFTER PERFORMING HISTORY-MAKING PROCEDURE

In early Spring, 2024, the Electrophysiology team at the Heart and Vascular Institute of Eastern Kentucky at Pikeville Medical Center (PMC) made history during a procedure to treat atrial fibrillation (AFib) in a 55-year-old patient. PMC Electrophysiologist Joseph Souza, MD, was preparing to perform a routine catheter ablation on the patient when it was discovered the patient had an extremely rare heart condition.

Instead of having one muscular wall separating the upper chambers of the heart, there were two, a heart anomaly that had only been documented 18 times worldwide. This required Dr. Souza and his team to take a different approach to treating the patient, ultimately deciding to use advanced technology available at PMC to perform a procedure that had never been documented before.

During this minimally invasive procedure, Dr. Souza used a balloon septostomy to allow a catheter to successfully pass through the double-wall septa and move from the right atrium of the heart to the left. He then utilized the state-of-the-art Medtronic PulseSelect Pulsed Field Ablation (PFA) System to deliver pulsed electric fields through an ablation catheter designed specifically to interrupt the irregular electrical pathways in the heart that trigger Afib.

The members of the electrophysiology (EP) team at the Heart and Vascular Institute of Eastern Kentucky at PMC were thrilled to perform this procedure, knowing they had successfully navigated new territory in the treatment of atrial fibrillation. Dr. Souza was assisted by PMC Electrophysiologists Dr. Chase Reynolds, Dr. Rahul Dhawan and Dr. Michael Antimisariaris in addition to PMC Cardiologist Dr. Raymon Nelson.

"To our knowledge, we reported the first case of this kind utilizing the PFA technology," explained Dr. Souza. "We wanted to share this news with the medical community and other electrophysiologists with the hope that they may find this technique helpful when dealing with difficult cases. This could have not happened without the support we consistently receive from the administration at Pikeville Medical Center."

Dr. Souza and the EP team at PMC submitted an article detailing the novel procedure to Heart Rhythm Case Reports, the premier medical journal in the field of electrophysiology. The article was published within weeks, spreading the news of this history-making event worldwide.

"As we look to improve cardiovascular care in the region, PMC strives to utilize the latest technology available to meet the needs of our patients and our physicians," explained PMC Chairman, President and CEO Donovan Blackburn. "This is most certainly a monumental moment for our medical center and our entire region."

PMC ONE OF ONLY 3 HOSPITALS IN KENTUCKY OFFERING HYBRID PROCEDURE FOR A-FIB

The Centers for Disease Control and Prevention (CDC) estimates that approximately 1 in 7 strokes are caused by A-Fib, which, many times, goes undetected in patients for long periods of time.

Patients with long-standing, persistent A-Fib may be candidates for a new type of hybrid ablation procedure that is proving to be a game changer for qualifying patients. Pikeville Medical Center (PMC) is one of the first hospitals in the country and one of only three hospitals in Kentucky to offer Hybrid AF Therapy, which is twice as effective at stopping A-Fib than traditional ablation methods alone, and is the only FDA-approved minimally invasive ablation therapy to treat atrial fibrillation lasting longer than one year.

Historically, this category of A-Fib patients has been more challenging to treat, but with the proven success of this new therapy and the highly skilled team assembled at PMC, surgeons in Pikeville are now performing one of the most advanced procedures available anywhere in the country.

The Hybrid AF Therapy utilizes a team approach and involves two types of specialized cardiac surgeons, electrophysiologists and cardiothoracic surgeons. The Heart and Vascular Institute of Eastern Kentucky at PMC is proud to offer three electrophysiologists, Dr. Chase Reynolds, Dr. Joseph Souza and Dr. Rahul Dwahan, and two cardiothoracic surgeons, Dr. Dermot Halpin and Dr. M. Paul Randhawa.

PMC prides itself in continuing to offer new and innovative therapies for patients who had limited options in the past, creating additional opportunities for patients to receive state-of-the-art cardiac care close to home.



HEART & VASCULAR SERVICES

Cardiac Electrophysiology

Cardiac Electrophysiology
Pacemaker & Defibrillation Implantation with Follow Up
Cardiac Arrhythmia Evaluation
Radio Frequency (RF) Catheter Ablation for Arrhythmia
Atrial Fibrillation Management & Ablation
Heart Failure Pacemaker & Implantable Cardioverter Defibrillation (ICD) Implantation with Follow Up
Fainting Disorders
Device Lead Management & Extraction
Device Checks & Reprogramming
Cryoballoon and Radiofrequency Ablation of Atrial Fibrillation
Hybrid Atrial Fibrillation Ablation (In Conjunction with CT Surgery)
Left Atrial Appendage Occlusion (Watchman)
Electrophysiology Studies
Atrial Flutter Ablation
Supraventricular Tachycardia Ablation
Ventricular Tachycardia Ablation (Ischemic and Non-Ischemic)
Premature Ventricular Depolarization Ablation
Bi-Ventricular Pacemaker and Defibrillator Implantation
Micra Pacemaker Insertion
Device Lead Extraction and Management - Laser and Manual
Generator Changes
Pericardiocentesis
Temporary and Bridge Pacemaker
Pulmonary Pressure Monitoring (Cardiomems)
Loop Recorders

Cardiology

Preventive & General Cardiology
Transthoracic Echocardiography
Transesophageal Echocardiography
Stress Echocardiography
Holter Monitoring
Impedance Cardiography
Stress Testing Including Nuclear Cardiac Stress Testing
Cardiac Computed Tomography Angiography
Diagnostic Cardiac Cath (Invasive Cardiology)



Cardiothoracic Surgery

Aortic & Peripheral Vascular Surgeries
Aortic Aneurysm Surgery
Automatic Implantable Cardioverter Defibrillator
Biventricular Defibrillator & Pacemaker
Cardiac Valve Surgery
Carotid Artery Surgery
Congenital Heart Defects
Coronary Artery Bypass Grafting (On & Off Pump)
ENB (Electromagnetic Navigation Bronchoscopy)/
Endobronchial Ultrasound/Bronchial Stenting
Lung Cancer Surgery
Lung & Chest Wall Resections
Minimally Invasive Surgery
Off-Pump Bypass
Open Heart Procedures
Surgical Approach to Esophageal Disease
TAVR
Valve Surgery
Valvular Heart Disease
Video Assisted Thoracoscopy
Extracorporeal Membrane Oxygenation (ECMO)
Hybrid Atrial Fibrillation Procedures
(In conjunction with EP)
Left Atrial Appendage Ligation

Interventional Cardiology

Emergent Treatment of Heart Attacks
Diagnostic Heart Catheterization
Robotic Heart and Lung Surgery
Coronary Stents & Angioplasty
Medical Management of Blocked/Clogged Heart Arteries
Mitral Clips
PFO/ASD Closures and VSD Closures
Peripheral Angiography
Peripheral Stents & Angioplasty
Medical Management of Blocked/Clogged
Peripheral Arteries
Aortic Aneurysm Repair
Carotid Stenting



Carotid & Vascular Ultrasound
Echocardiography
Peripheral Artery Disease/Stress Testing
Non-Surgical Treatment of Narrowed Heart Valves
Holter Monitoring
Event Monitoring
Stress Test
Advanced Heart Failure
Pulmonary Hypertension
Cardiomems
Coronary Athrectomy
Coronary Stents & Angioplasty
Intra-Aortic Balloon Pump
Impella Catheter
Chronic Total Occlusion Interventions
Rotoblator Artherectomy
Dysautonomia Dysfunction

Vascular and Endovascular Surgery

Angioplasty & Stents of Extremities
Aneurysm Repair
Carotid Artery Disease
Carotid Endarterectomy
Carotid Stenting
Diagnostic Arteriography
Dialysis Access Maintenance
Deep Venous Thrombosis
Endovascular Aneurysm Repair
Endovascular Peripheral Interventions
Peripheral Artery Disease
Peripheral Bypass Grafting
Renal Dialysis Access
Sclerotherapy
Varicose Vein Surgery
Venous Disease
Chronic Venous Swelling
Peripheral Venous Stenting
Peripheral Venograms
Stents
Varicose Vein Disease
Varicose Vein Management with Ablation



HEART & VASCULAR INSTITUTE: CARDIOLOGY



Vibha Amblihalli, MD, MPH

Medical School: Kamata Institute of Medical Sciences

Residency: St. Vincent Hospital

Fellowship: University of Kentucky
Board certified by the American Board of Internal Medicine in Internal Medicine, by the Certification Board of Cardiovascular Computed Tomography (CBCCT), by the National Board of Echocardiography, and by the Board of Nuclear Cardiology



Sindhura Ananthaneni, MD

Medical School: NRI Medical College

Residency: Central Michigan University

Fellowship: St. Joseph's University Medical Center



Rodney Handshoe, MD

Medical School: University of Kentucky College of Medicine

Residency: University of Kentucky College of Medicine

Fellowship: University of Kentucky
Board certified by the American Board of Internal Medicine in Internal Medicine and Cardiovascular Disease



Padubiri Chandrashekar, MD

Medical School: Bangalore Medical College (Bangalore University)

Residency: Columbia University Affiliated Hospitals (New York)

Fellowship: Columbia University Affiliated Hospitals (New York)

Deborah Heart and Lung Center (New Jersey)

Board certified by the American Board of Internal Medicine in Cardiovascular Disease



Raymon K. Nelson, MD

Medical School: Howard University College of Medicine

Residency: D.C. General Hospital

Fellowship: D.C. General Hospital, Howard University College of Medicine
Board certified by the American Board of Internal Medicine in Internal Medicine and Cardiovascular Disease



Hamid Nawaz, MD, FACC

Medical School: Khyber Medical College

Residency: New York Medical College Lincoln Hospital

Fellowship: Nassau University Medical Center, SUNY

Board certified by the American Board of Internal Medicine in Internal Medicine, Cardiovascular Disease, and Interventional Cardiology; the Certification Board of Nuclear Cardiology



Madhava T. Pally, MD, FACC, FASE

Medical School: Osmania University Gandhi Medical College

Residency: St. Louis University, Deaconess Hospital

Fellowship: University of Massachusetts, Worcester, St. Vincent Hospital

Board certified by the American Board of Internal Medicine in Internal Medicine, Cardiovascular Disease, Nuclear Cardiology and Clinical Echocardiography



Zach Neace, MD

Medical School: University of Kentucky College of Medicine

Residency: University of Kentucky

Fellowship: University of Kentucky



Subash Nepal, MD

Medical School: Manipal College of Medical Sciences

Residency: SUNY - Upstate Medical University

Fellowship: SUNY - Upstate Medical University

Board certified by the American Board of Internal Medicine



Melody Addasi, APRN

Nurse Practitioner
Cardiology



Samantha Boyd, PA-C

Physician Assistant
Cardiology

HEART & VASCULAR INSTITUTE: CARDIOLOGY



Vanessa Meade, APRN
Nurse Practitioner
Cardiology



Faith McLean, APRN
Nurse Practitioner
Cardiology



Jamessa Scott, APRN
Nurse Practitioner
Cardiology (Heart Failure/
Coumadin Clinic)



Marcella Sincell, APRN
Nurse Practitioner
Cardiology



Brandy Standifer, APRN
Nurse Practitioner
Cardiology



Michelle Sykes, APRN
Nurse Practitioner
Cardiology



Tina Williams, APRN
Nurse Practitioner
Cardiology

HEART & VASCULAR INSTITUTE: ELECTROPHYSIOLOGY



Rahul Dhawan, MD, FACC, FHRS
Medical School: Government Medical
College and Hospital
Residency: University of Louisville Hospital
Fellowship: University of Nebraska
Medical Center & Mayo Clinic



Chase Reynolds, MD
Medical School: University of
Louisville School of Medicine
Residency: University of South Florida
Fellowship: University of South Florida
Board Certified by the American
Board of Internal Medicine in Clinical
Cardiac Electrophysiology,
Cardiovascular Disease, and Internal
Medicine



**Joseph J. Souza, MD,
FACC, FHRS**
Medical School: Medical College of
Wisconsin
Residency: University of North Carolina
at Chapel Hill, School of Medicine
Fellowship: University of Michigan Medical
School (Cardiology)
Fellowship: University of Michigan Medical
School (Clinical Cardiac Electrophysiology)
Board Certified by the American Board of
Internal Medicine in Clinical Cardiac
Electrophysiology, Cardiovascular Disease,
and Internal Medicine, and by the National
Board of Medical Examiners

HEART & VASCULAR INSTITUTE: CARDIOTHORACIC SURGERY



John Deel, MD

Medical School: Marshall University
Residency: Charleston Area Medical Center/WVU
Fellowship: University of Texas at San Antonio
Board certified by the American Board of Thoracic Surgery



Dermot P. Halpin, MD, FACS

Medical School: University of Dublin Trinity College
Residency: Baptist Medical Center
Fellowship: Tufts New England Medical Center
Board certified by the American Board of Thoracic Surgery



M. Paul Randhawa, Jr., MD, FACS

Medical School: Boston University School of Medicine
Residency: University of Chicago
Fellowship: University of Wisconsin
Board Certified by the American Board of Surgery and the American Board of Thoracic Surgery



Corie Bevins, APRN

Nurse Practitioner
Cardiothoracic Surgery

HEART & VASCULAR INSTITUTE: CARDIOTHORACIC SURGERY



Jeremy Bevins, APRN

Nurse Practitioner
Cardiothoracic Surgery



Kim Goodman, APRN

Nurse Practitioner
Cardiothoracic Surgery



Brianna Lovern, APRN

Nurse Practitioner
Cardiothoracic Surgery

HEART & VASCULAR INSTITUTE: INTERVENTIONAL CARDIOLOGY



Chris Stavens, MD

Medical School: University of Athens Greece
Residency: Stonybrook University Nassau Hospital
Fellowship: University of California-Irvine & Harvard Medical School
Board certified by the American Board of Internal Medicine in Internal Medicine and Cardiovascular Disease



Maen Assali, MD

Medical School: Jordan University of Science and Technology
Residency: Kent Hospital/Brown University Program
Fellowship: Hennepin Healthcare/ Minneapolis Heart Institute & University of Texas
Board Certified by the American Board of Internal Medicine and the American Board of Echocardiography

HEART & VASCULAR INSTITUTE: VASCULAR SURGERY



Al Addasi, MD, FACS

Medical School: University of Jordan Faculty of Medicine
Residency: Union Memorial Hospital
Fellowship: Henry Ford Hospital
Board certified by the American Board of Surgery in Surgery and Vascular Surgery



Peter Armstrong, MD

Medical School: Vanderbilt University School of Medicine
Residency: Madigan Army Medical Center
Fellowship: Geisinger Medical Center



Samantha Caines, APRN

Nurse Practitioner
Vascular Surgery



Britney Johnson, APRN

Nurse Practitioner
Vascular Surgery

PMC's "ELECTRICIANS OF THE HEART"

Cardiac Electrophysiologists at the Heart & Vascular Institute of Eastern Kentucky at Pikeville Medical Center are well-equipped to treat patients experiencing all types of irregular heart rhythms. Electrophysiologists are commonly referred to as "electricians of the heart," and PMC has an experienced team of electrophysiologists which includes Dr. Chase Reynolds, Dr. Joseph Souza and Dr. Rahul Dhawan.

These physicians are part of a team of specialized heart surgeons who treat the full breadth of conditions that involve the heart's electrical system. They specialize in the treatment of various heart conditions including Atrial Fibrillation (AFib) and are trained to perform many minimally invasive procedures such as pacemaker and defibrillator implantations, cardioversions and ablations.

Chase Reynolds, MD, returned to his hometown of Pikeville to join the PMC Electrophysiology team in 2014. Recently, PMC welcomed Joseph Souza, MD, FACC, FHRS, to its team after working many years in Lexington, Kentucky. In July 2023, Dr. Ruhul Dhawan joined the team. Most of PMC's electrophysiologists are board certified and have many years of experience.

This expert team of cardiac specialists has played a major role in the growth of the Heart and Vascular Institute of Eastern Kentucky at PMC.



**Heart & Vascular
Institute**

OF EASTERN KENTUCKY



FIRST IN KY TO OFFER ADVANCED TREATMENT TO EXTRACT BLOOD

PMC made headlines as the first hospital in Kentucky to offer a new, innovative "arterial thrombectomy" device.

This device, the Penumbra Lightning Bolt™ 7, was created to aid physicians in extracting blood clots quickly and efficiently from peripheral arteries. These types of blood clots oftentimes require invasive open surgery or can result in amputation. The minimally invasive Lightning Bolt™ 7 system uses computer-aided clot detection technology that modulates aspiration. Simply put, this technology is designed to speed up clot removal while leaving healthy blood circulating throughout the body and does so in a minimally invasive manner.

Al Addasi, MD, a Vascular/Endovascular Surgeon at the Heart and Vascular Institute of Eastern Kentucky at Pikeville Medical Center, was the first in Kentucky to utilize this advanced system. He performed this procedure on April 27th, 2023 and the patient was released to go home the same day.

Because of PMC's commitment to providing exceptional cardiac and endovascular care, the Heart and Vascular Institute of Eastern Kentucky provides the region with comprehensive care through outstanding facilities, expert staff and cutting-edge technology.

Penumbra 
Lightning Bolt 7



PIKEVILLE MEDICAL CENTER PRESENTS

HEART OF THE FAIRWAY

GOLF SCRAMBLE



FRIDAY, JUNE 05, 2026

8:30 AM Registration | 9 AM Start
1 PM Registration | 1:30 PM Start
Green Meadows Country Club

REGISTER NOW!



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AT PIKEVILLE MEDICAL CENTER

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EKY HEART & VASCULAR SYMPOSIUM

Appalachian Wireless Arena | 126 Main St., Pikeville, KY

JANUARY 23, 2027

Hosted By:

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REGISTER NOW!



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