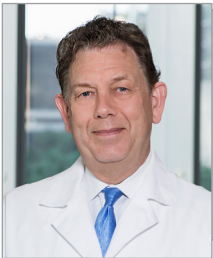


**HOUSTON METHODIST
CARDIOVASCULAR
SURGERY ASSOCIATES**
CENTRAL REGION PROVIDERS

HOUSTON
Methodist[®]
DEBAKEY HEART &
VASCULAR CENTER

VASCULAR SURGERY



Alan Lumsden, MD
Chairman, Cardiovascular Surgery
Vascular Surgery

EXPERTISE

- Arteriovenous malformations (AVM)
- Aortic disease
- Fenestrated branch aortic endografts
- Visceral and renal arterial disease
- Carotid procedures
- Peripheral vascular disease surgery
- Complex venous reconstruction
- Pulmonary embolism DVT
- Varicose vein treatment

MEDICAL SCHOOL

- University of Edinburgh College of Medicine, Edinburgh, Scotland

RESIDENCY

- General Surgery, Emory University Hospital, Atlanta, Georgia

FELLOWSHIP

- Vascular Surgery, Emory University Hospital, Atlanta, Georgia



Charudatta Bavare, MD, MPH, FACS
Vascular Surgery

EXPERTISE

- Abdominal and thoracic aortic aneurysms (FEVAR, EVAR, TEVAR, open)
- Angiogram, stenting and open bypass
- Carotid disease (TCAR and carotid endarterectomy)
- Dialysis access
- Peripheral arterial disease
- Nutcracker syndrome
- Robotic vascular surgery
- Thoracic outlet syndrome

MEDICAL SCHOOL

- Seth GS Medical College, Mumbai, India

RESIDENCY

- General Surgery, Houston Methodist Hospital, Department of Surgery, Houston, Texas

FELLOWSHIP

- Vascular Surgery, Houston Methodist Hospital, Houston, Texas



Marvin D. Atkins Jr., MD, FACS
Cardiothoracic Surgery, Vascular Surgery

EXPERTISE

- Open and endovascular thoracic, thoracoabdominal and abdominal aortic surgery
- Transcatheter aortic (TAVR) and mitral valve repair (TMVR)
- Aortic root surgery
- Cardiac tumors
- Coronary artery bypass graft surgery, including all arterial revascularization, off-pump bypass surgery
- Surgery for atrial fibrillation
- Cerebrovascular disease — open and endovascular repair

MEDICAL SCHOOL

- The University of Texas Health Science Center at Houston

RESIDENCY

- General Surgery, Baylor Scott and White, Texas A&M University College of Medicine, Temple, Texas

FELLOWSHIPS

- Vascular Surgery, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts
- Cardiothoracic Surgery, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania



Linda Le, MD
Vascular Surgery

EXPERTISE

- Vascular and endovascular surgery
- Dialysis access
- Limb salvage
- Cerebrovascular disease
- Lower extremity peripheral disease
- Venous disease
- Pulmonary embolism

MEDICAL SCHOOL

- Louisiana State University School of Medicine, New Orleans, Louisiana

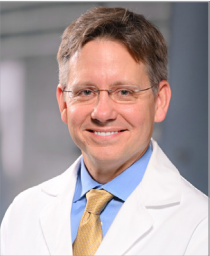
RESIDENCY

- General Surgery, The University of Texas Health Science Center at Houston

FELLOWSHIP

- Vascular Surgery, Ochsner Clinic, New Orleans, Louisiana

VASCULAR SURGERY (CONT.)



Eric Peden, MD
Chief, Vascular Surgery
Vascular Surgery

EXPERTISE

- Vascular and endovascular surgery
- Complex dialysis access
- Peripheral vascular disease
- Limb salvage
- Venous insufficiency
- Mesenteric disease
- Aortic disease

MEDICAL SCHOOL

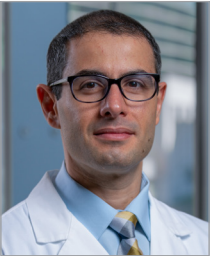
- The University of Texas Southwestern Medical School, Dallas, Texas

RESIDENCY

- General Surgery, The University of Texas Health Science Center at Houston

FELLOWSHIP

- Vascular Surgery, Rush University Medical Center, Chicago, Illinois



Maham Rahimi, MD, PhD
Vascular Surgery

EXPERTISE

- Open and endovascular treatment for aortic aneurysm and dissection
- Carotid endarterectomy for carotid artery disease
- Open bypass and endovascular treatment for peripheral vascular disease
- Angiogram, angioplasty and stent
- Dialysis access
- Arteriovenous malformation (AVM)
- Wound care
- Vasculitis
- Varicose vein treatment
- Visceral and renal bypass

MEDICAL SCHOOL

- Texas Tech University Health Sciences Center School of Medicine, Lubbock, Texas

RESIDENCY

- Vascular Surgery, University of Cincinnati, Cincinnati, Ohio



Trisha Roy, MD, PhD
Vascular Surgery

EXPERTISE

- Limb salvage
- Atherosclerosis/lipoprotein
- Peripheral vascular disease
- Aneurysms
- Varicose vein treatments
- Venous disease
- Lymphedema
- Wound care

MEDICAL SCHOOL

- University of Toronto, Canada

RESIDENCY

- Vascular Surgery, University of Toronto, Canada

CARDIOTHORACIC & TRANSPLANT SURGERY



Mehmet Hakan Akay, MD
Cardiothoracic Surgery, Transplant Surgery

EXPERTISE

- Arrhythmia surgery
- Assist devices
- Cardiogenic shock
- Heart and lung transplant
- Heart failure
- Ischemic heart disease
- Valvular heart disease

MEDICAL SCHOOL

- University of Istanbul, Istanbul, Turkey

RESIDENCIES

- Cardiovascular Surgery, Siyami Ersek Thoracic and Cardiovascular Surgery Center, Istanbul, Turkey
- General Surgery, Baylor College of Medicine, Houston, Texas
- Thoracic Surgery, Texas Heart Institute, Houston, Texas

FELLOWSHIPS

- Congenital Heart Surgery, Texas Children's Hospital, Houston, Texas
- Cardiothoracic Disease & Mechanical Circulatory Support; Cardiac Transplantation, Texas Heart Institute, Houston, Texas



Marvin D. Atkins Jr., MD, FACS
Cardiothoracic Surgery, Vascular Surgery

EXPERTISE

- Open and endovascular thoracic, thoracoabdominal and abdominal aortic surgery
- Transcatheter aortic (TAVR) and mitral valve repair (TMVR)
- Aortic root surgery
- Cardiac tumors
- Coronary artery bypass graft surgery, including all arterial revascularization, off-pump bypass surgery
- Surgery for atrial fibrillation
- Cerebrovascular disease — open and endovascular repair

MEDICAL SCHOOL

- The University of Texas Health Science Center at Houston

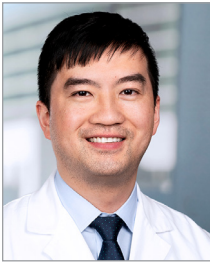
RESIDENCY

- General Surgery, Baylor Scott and White, Texas A&M University College of Medicine, Temple, Texas

FELLOWSHIPS

- Vascular Surgery, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts
- Cardiothoracic Surgery, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

CARDIOTHORACIC & TRANSPLANT SURGERY (CONT.)



Yuncen Atticus He, MD
Cardiothoracic Surgery, Transplant Surgery

- EXPERTISE
 - Aortic and aortic root surgery
 - Extracorporeal membrane oxygenation (ECMO)
 - Heart transplantation
 - Heart valve surgery
 - Lung transplantation
 - Mechanical circulatory support/ventricular assist device
 - Multi-arterial coronary artery bypass grafting (CABG)
 - Reoperative surgery
- MEDICAL SCHOOL
 - Case Western Reserve University, Cleveland, Ohio
- RESIDENCY
 - General Surgery, University of Rochester Medical Center, Rochester, New York
- FELLOWSHIP
 - Cardiothoracic Sugery, Houston Methodist Hospital, Houston, Texas



Gerald Lawrie, MD
Cardiothoracic Surgery

- EXPERTISE
 - Aortic aneurysms
 - Aortic valve replacement
 - Atrial septum defect
 - Carotid endarterectomy
 - Coronary artery bypass graft (CABG) surgery
 - Coronary artery disease
 - Mitral valve surgery
- MEDICAL SCHOOL
 - The University of Sydney, Sydney, Australia
- RESIDENCY
 - Cardiothoracic Surgery, Prince Henry Hospital/The University of New South Wales, Sydney, Australia
- FELLOWSHIP
 - Cardiothoracic Surgery, Baylor College of Medicine, Houston, Texas



Andrea Giulio Quarti, MD
Cardiothoracic Surgery, Adult Congenital Heart Surgery, Transplant Surgery

- EXPERTISE
 - Congenital heart disease
 - Aortic root surgery
 - Repair of the aortic valve
 - Heart transplantation for congenital heart patients
 - Valvular surgery
- MEDICAL SCHOOL
 - University of Milan, Milan, Italy
- RESIDENCY
 - Cardiac Surgery, University of Modena & Reggio Emilia, Modena, Italy
- FELLOWSHIP
 - Cardiac Surgery, University of Modena & Reggio Emilia, Modena, Italy



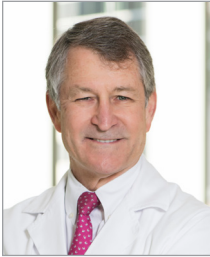
Mahesh K. Ramchandani, MD, FRCS, FACS
Chief, Section of Cardiac Surgery
Cardiothoracic Surgery

- EXPERTISE
 - Aortic aneurysm disease
 - Arrhythmia surgery
 - Blood conservation
 - CTEPH surgery
 - High-risk complex cardiac surgery
 - Minimally invasive cardiac valve surgery
 - Transcatheter valve therapies
 - Minimally invasive coronary bypass surgery
 - Minimally invasive thymectomy
 - Thoracic surgery
- MEDICAL SCHOOL
 - University of Cambridge, United Kingdom
- RESIDENCY
 - General Surgery, Baylor College of Medicine, Houston, Texas
- FELLOWSHIPS
 - Vascular Surgery, Baylor College of Medicine, Houston, Texas
 - Cardiothoracic Surgery, Baylor College of Medicine, Houston, Texas



Fernando Ramirez Del Val, MD, MPH
Cardiothoracic Surgery

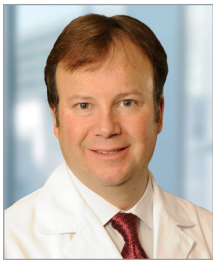
- EXPERTISE
 - Mitral valve repair, including minimally invasive
 - Aortic valve repair, including minimally invasive
 - Complex heart valve surgery and Ross procedure
 - Aortic root surgery and valve-sparing root replacement (VSRR)
 - Aortic surgery
 - Surgery for atrial fibrillation
 - Coronary artery bypass graft (CABG) surgery and total arteria and off-pump CABG
 - Transcatheter valve therapies, TAVR, TEER and TMVR
- MEDICAL SCHOOL
 - University of Monterrey, Nuevo León, Mexico
- RESIDENCIES
 - General Surgery, National Institute of Medical Science and Nutrition/UNAM, Mexico City, Mexico
 - General Surgery, Houston Methodist Hospital, Houston, Texas
 - Cardiothoracic Surgery, Massachusetts General Hospital/Harvard, Boston, Massachusetts



Michael J. Reardon, MD, FACS
Cardiothoracic Surgery

- EXPERTISE
 - Structural heart disease
 - Cardiac valve disease
 - Aortic disease
 - Cardiac tumors
 - Transcatheter heart valve treatment
- MEDICAL SCHOOL
 - Baylor College of Medicine, Houston, Texas
- RESIDENCY
 - General Surgery, Baylor College of Medicine, Houston, Texas
- FELLOWSHIP
 - Cardiothoracic Surgery, Texas Heart Institute, Houston, Texas

CARDIOTHORACIC & TRANSPLANT SURGERY (CONT.)



Ross Michael Reul, MD
Cardiothoracic Surgery

EXPERTISE

- Aortic surgery
- Aortic valve surgery
- Arrhythmia surgery
- Coronary artery disease
- Mitral valve surgery
- Transcatheter aortic valve replacement (TAVR)
- Thoracic surgery – lung tumor resection

MEDICAL SCHOOL

- Baylor College of Medicine, Houston, Texas

RESIDENCY

- General Surgery, Brigham & Women's Hospital, Harvard Medical School, Boston, Massachusetts

FELLOWSHIP

- Cardiothoracic Surgery, Texas Heart Institute, Houston, Texas



Michael S. Sweeney, MD
Cardiothoracic Surgery

EXPERTISE

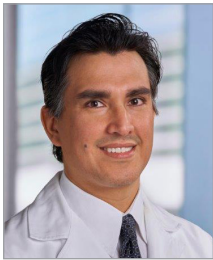
- High-risk complex cardiac surgery
- Coronary artery bypass graft surgery (CABG)
- Heart valve replacement & repairs
- Aortic aneurysms
- Carotid endarterectomy
- Mitral valve repairs

MEDICAL SCHOOL

- Baylor College of Medicine, Houston, Texas

RESIDENCIES

- General Surgery, Johns Hopkins Hospital, Baltimore, Maryland
- Thoracic Surgery, Frenchay Hospital/Bristol RoyalInfirmary, Bristol, England
- Thoracic and Cardiovascular Surgery, Texas Heart Institute, Houston, Texas



Erik Eddie Suarez, MD
Cardiothoracic Surgery, Transplant Surgery

EXPERTISE

- Heart transplant
- Lung transplant
- Cardiothoracic surgery
- Extracorporeal membrane oxygenation (ECMO)
- Thoracic surgery
- Thoracoscopy
- Ventricular assist device (LVAD)
- Blood conservation surgery

MEDICAL SCHOOL

- The University of Texas Southwestern Medical School, Dallas, Texas

RESIDENCIES

- General Surgery, Baylor College of Medicine, Houston, Texas
- Thoracic Surgery, Baylor College of Medicine, Houston, Texas

FELLOWSHIP

- Baylor College of Medicine/Texas Heart Institute, Houston, Texas



Randall Wolf, MD
Cardiothoracic Surgery

EXPERTISE

- Minimally invasive atrial fibrillation procedures
- Mini maze
- Arrhythmia procedures
- Minimally invasive arrhythmia monitoring
- Inappropriate sinus tachycardia (IST)
- Phrenic nerve pacemakers
- Minimally invasive thoracic spine procedures
- Minimally invasive thoracic surgery

MEDICAL SCHOOL

- Indiana University School of Medicine, Indianapolis, Indiana

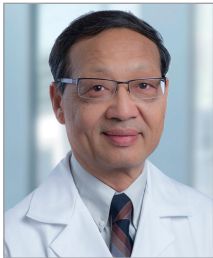
RESIDENCY

- General Surgery, Carillion Health/University of Virginia, School of Medicine, Roanoke, Virginia, Charlottesville, Virginia

FELLOWSHIPS

- Vascular Surgery, Jewish Hospital of Cincinnati, Cincinnati, Ohio
- Thoracic Surgery, Cardiothoracic Surgery, University of Cincinnati, Cincinnati, Ohio

ORGAN PROCUREMENT



Dewei Ren, MD, MS
Cardiothoracic Surgery

EXPERTISE

- Organ Procurement

MEDICAL SCHOOL

- Shanghai Second Medical University, Shanghai, China

RESIDENCIES

- General Surgery, Shanghai Jingan District Central Hospital, Shanghai, China
- General Surgery, Baylor College of Medicine

FELLOWSHIP

- Cardiovascular Surgery, Texas Heart Institute, Houston, Texas

VASCULAR IMAGING



Zsolt Garami, MD
Vascular Imaging

EXPERTISE

- Transcranial doppler
- Vascular ultrasound
- Intraoperative TCD
- Fusion imaging

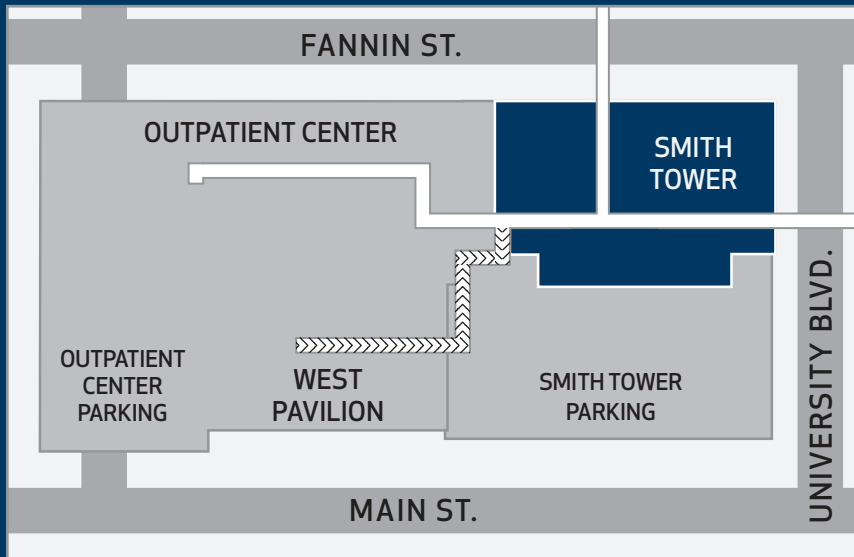
MEDICAL SCHOOL

- University of Debrecen Medical School, Debrecen, Hungary

RESIDENCY

- Radiology, Semmelweis University, Budapest, Hungary





HOUSTON METHODIST CARDIOVASCULAR SURGERY ASSOCIATES

Texas Medical Center
6550 Fannin St., Smith Tower, Suite 1401
Houston, TX 77030

REFER A PATIENT

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FAX: 713.790.3397

MORE INFORMATION

houstonmethodist.org/spg/heart-vascular



Houston Methodist Hospital is ranked Best in Texas and No. 15 in the nation by *U.S. News & World Report* for cardiology, heart & vascular surgery.