



2021 Annual Cardiovascular Report



UTHealth
East Texas
Heart & Vascular Institute

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Note from the Editor

Dear colleagues, patients and friends,

I am excited to announce the formal development of the UT Health East Texas Heart and Vascular Institute. Even though we have been around for many years helping patients, we are working on formalizing our brand, our relationships and further developing our superior cardiovascular services for the patients and communities we serve in East Texas.

This is our first edition of the UT Health East Texas Heart and Vascular Annual Report. Our objectives with this publication are to:

- Highlight the services provided
- Share patient stories and experiences
- Update our readers on our facilities
- Introduce existing and new medical providers
- Share information about new services
- Communicate the progress we are making toward our Center of Excellence

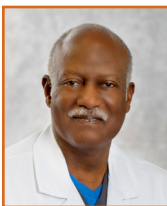
Our ultimate goal is to serve with excellence and commitment, and to provide the people who live in East Texas with the highest level of quality and care, thus preventing our patients from having to leave the area for their cardiovascular healthcare needs.

UT Health East Texas Heart and Vascular Institute is building an integrated network to include all of our hospitals, clinics and other ambulatory-related facilities, so that patients can be served in the most appropriate clinical setting that is convenient and easy for them and their families.

Our first edition will highlight many of the existing and new services being offered by our talented clinic teams. The readers will hear updates on:

- Cardiothoracic surgery
- Diagnostic and invasive cardiology procedures
- The structural heart program
- Mitraclip and Watchman and Watchman Flex procedures
- Advanced Electrophysiology diagnostics and care
- The development of the Advanced Heart Failure Program
- Screening programs
- The advancement of building and maintaining a Center of Excellence.

We look forward to the future and our ability to serve the patients and communities of East Texas. This may be our first edition, but it is far from being our last. We look forward to sharing and communicating all that is going on within UT Health East Texas Heart and Vascular Institute.



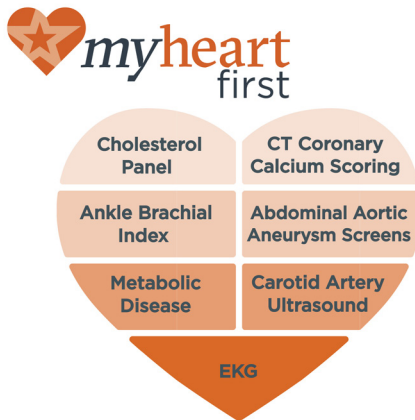
David Hector, MD, FACP, FACC, FAAC, FSCAI
Editor in Chief

Screenings

We believe early detection of cardiovascular disease can help prevent future heart attacks and strokes. But many life-threatening heart conditions have no recognizable symptoms. As a result, you may not know there's a problem until it turns into a major cardiac event.

MyHeart First

Cardiovascular screenings often are performed and priced individually, making the time and cost factors prohibitive for many patients. In order to make screenings more accessible, we created MyHeart First. This program bundles the seven screenings proven to most accurately detect heart disease and defects for a total cost of \$149. MyHeart First is currently available at UT Health Athens and UT Health Tyler.



Seven screenings conveniently bundled together.

1. Cholesterol panel
2. Electrocardiogram (EKG)
3. CT Coronary Calcium Scoring
4. Ankle Brachial Index
5. Carotid Artery Ultrasound
6. Abdominal Aortic Aneurysm Screens
7. Metabolic Disease

In 2021, we saw 187 patients in Tyler. Many of these have been referred to our CVC office for further workup and testing. And while this is a heart screening program, we also incidentally have found other conditions such as tumors on the liver/spleen, pulmonary nodules, thyroid nodules and more.



I recommend MyHeart First to anybody. It was a great deal and I wanted to know. You get so many tests for the price. It's well worth it.

— Rickey Mayfield

Single-bypass and valve replacement patient

Scan for full story:



Interventional Cardiology

The cardiac specialists at the UT Health East Texas Heart and Vascular Institute identify and aggressively treat the risk factors known to promote the development of heart attacks and strokes. In the area of diagnosis, we offer a sophisticated noninvasive imaging program, including 3D echocardiography, electrocardiography, vascular ultrasound and nuclear imaging tests.

In the field of interventional cardiology, UT Health East Texas offers many treatment options, including the following:

- Angioplasty
- Coronary atherectomy - Diamondback 360®
- Intra-aortic balloon pump
- Impella® heart pump
- Laser atherectomy
- Patent foramen ovale (PFO) and atrial septal defect (ASD) closure
- Peripheral atherectomy - SilverHawk™
- Stents

The UT Health East Texas Heart and Vascular Institute stands ready to provide you with the most advanced heart care, close to home.



“These people are wonderful. They are my heroes. They saved my life. They gave me a second chance and I’m going to make sure they’re not going to be disappointed in that work.”

— John Vaughn

Heart catheterization and coronary stenting patient

Scan for full story:



Electrophysiology

There is no field within cardiology that has undergone as much change in the last decade than the field of electrophysiology (EP). With advances in catheter-based ablation and implantable cardiac devices, we are able to tackle diseases previously considered untreatable.

Our cardiac specialists remain at the cutting edge of arrhythmia management and perform not only simple ablations such as supraventricular tachycardia (SVT) and atrial flutter, but also complex ablations including atrial fibrillation and ventricular tachycardia.

Cryoablation

Cryoablation involves using a catheter or probe that is cooled to sub-zero temperatures to alter the cells in the heart responsible for conducting arrhythmia so that they no longer conduct electrical impulses.

Cryoablation patients benefit from:

- Reduced hospital stay (one day) and faster healing
- Less postoperative pain and less need for pain medication
- Shorter recovery time
- Quicker return to normal activity (about a week) and work (about two weeks)
- Smaller incisions and less scarring
- Fewer complications

Watchman™ and Watchman FLEX™

UT Health East Texas cardiology team performed their first Watchman™ implant surgery in 2020. The first-of-its-kind implant helps reduce the risk of stroke among patients with non-valvular atrial fibrillation. The minimally invasive Watchman™ device closes off the left atrial appendage (LAA) to keep harmful blood clots from entering the blood stream and potentially causing a stroke. Over time, the device may offer an alternative to blood-thinning medication.

In May of 2021, they implanted the first Watchman FLEX™. The newest version improves the safety of the procedure and extends the range of patients who can benefit from the implant.



Cardiovascular Surgery

The cardiovascular and thoracic surgeons at UT Health East Texas offer expertise and options that few other hospitals in the region can. The medical center was specifically designed to serve the unique needs of cardiovascular patients and is staffed with highly skilled intensive care teams that provide the level of care needed by patients with complex medical conditions.

Traditional Bypass Surgery

UT Health East Texas Heart and Vascular Institute is a leader in Coronary Artery Bypass Surgery (CABG). Often known simply as bypass surgery, this procedure is used to improve and, in some cases, restore blood flow to the heart muscle after a blockage has developed. Arteries from the chest and veins from the leg are used to bypass the blockages. While CABG is a common procedure performed at our flagship hospital, UT Health Tyler, our surgical team approaches each case with uncommon expertise and care.

Minimally Invasive Heart Surgery

In minimally invasive heart surgery, also known as keyhole surgery, the surgeon performs heart surgery without a sternotomy (splitting the breastbone). Rather, the surgery is conducted through small incisions with specialized instruments and camera scopes. This approach also allows the surgeon to have a better view of certain parts of the heart resulting in a more comprehensive operation. Data has shown these procedures provide a faster recovery time, shorter hospital stay, lower infection rate, less surgical pain and less blood loss. Surgeons use the smallest incision possible to provide the safest and most successful surgery.

The UT Health East Texas Heart and Vascular Institute will evaluate and provide the most appropriate procedure and treatment plan for each patient's condition.



It's a strange feeling to think 'I was almost dead. Where would my family be right now?' I have this second chance and I've got to do something with it.

— **Mistie Williams**

Double bypass and heart transplant patient

Scan for full story:



The science kept pointing to my heart, but I'm only 34 and have no history of heart problems... The doctors and nurses were awesome that they kept going that direction, even though it seemed so unlikely.

— **Maria Bell**

Double bypass patient

Scan for full story:



Heart Valve Center

The UT Health Heart Valve Center combines the expertise of board-certified cardiothoracic surgeons and interventional cardiologists to offer patients collaborative and specialized heart care. The center was created to not only diagnose and treat heart valve disease, but also to raise awareness of a condition that is often overshadowed by other cardiovascular problems.

The Heart Valve Center offers the gold standard in valve repair and valve replacement procedures. In 2021 we saw over 150 patients in the valve clinic and have performed 40 TAVRS, 12 MitraClips and numerous surgical aortic and mitral valve replacements.

Transcatheter Mitral Valve Repair (TMVR)

In 2020, the team at UT Health Tyler was the first in Tyler to perform the MitraClip™ procedure. MitraClip™ is the world's first transcatheter mitral valve repair (TMVR) therapy that offers treatment to patients who are too high-risk for open-heart surgery.



“The second I woke up, I felt a thousand percent better. I could breathe. Everything was clear. I felt like I could have just gotten out of bed and gone home right then compared to how I felt the day before.”

— Brent Holt
Tyler's first MitraClip™ patient

Scan for
full story:



Transcatheter Aortic Valve Replacement (TAVR)

Transcatheter Aortic Valve Replacement (TAVR) is a life-saving, minimally invasive valve replacement procedure for patients with aortic stenosis. This procedure was designed for patients whose hearts were considered too weak for valve replacement surgery. Because it's less invasive than traditional open heart surgery, recovery time is much shorter and significantly less painful.

Since introducing the procedure to East Texas in October of 2015, UT Health East Texas Heart and Vascular Institute has completed over 250 procedures.



UT Health East Texas and Tyler Cardiovascular Consultants

In May 2021, UT Health East Texas announced the development of the UT Health East Texas Heart and Vascular Institute and renewed its long-standing partnership with Tyler Cardiovascular Consultants (CVC). The UT Health East Texas Heart and Vascular Institute provides East Texans with an extensive array of cardiac and cardiothoracic services.

“This partnership brings two well-recognized organizations together who are committed to providing quality and outstanding cardiology-related services to the patients and communities they serve,” said Donna Bowers, division director of cardiovascular services. “Coming together in a unified approach will allow the expansion of cardiology, cardiothoracic surgery and vascular screening programs, diagnostics and treatments for patients throughout East Texas.”

Heart disease is the leading cause of death in Texas, Bowers said. The goal of this partnership and development of the UT Health East Texas Heart and Vascular Institute is to provide more needed heart-care services in the communities we serve.

With outpatient clinics in communities across the region, patients often don't have to travel to receive advanced, quality heart care. CVC fellowship-trained cardiologists see patients in Athens, Canton, Carthage, Cedar Creek Lake, Henderson, Jacksonville, Palestine, Pittsburg, Quitman and Tyler.

“Forming an integrated healthcare network delivery system promotes excellent quality of care, while working to reduce the cost of healthcare to the patient,” Bowers said. “It's about developing programs that offer services in the right locations at the right times, providing a true continuum of care model. We are proud of our relationship with CVC and are honored to be working closely with them now and in the future to make UT Health East Texas the premiere provider for cardiovascular services.”

About Tyler CVC

Tyler CVC is committed to advancing cardiac care in East Texas. Our team has extensive experience and expertise in diagnosing and treating a wide range of heart-related ailments and works to remain on the cutting edge of research and technology, allowing us to provide a high level of care, close to home.

Our Facility

Tyler CVC provides direct access to help ensure accurate diagnoses to guide the development of treatment plans. Our facility offers an in-house imaging center and catheterization lab, including the full scope of catheterization procedures, cardiac and vascular ultrasound imaging, nuclear stress testing and the treatment of patients with lower extremity venous disorders.

Our Specialties

- Cardiology consultation
- State-of-the-art nuclear and echo diagnostics
- Nationally recognized clinical research
- Noninvasive diagnostic evaluation
- Cardiac arrhythmia management
- Coronary catheterization and intervention
- Peripheral vascular disease diagnosis and treatment
- Exploring new directions in treating heart disease
- Treatment of venous insufficiency with venoablation

Tyler CVC Expansion

In May of 2022, Tyler Cardiovascular Consultants (CVC) looks to complete an expansion of its clinic building.

Currently measuring 26,000 square feet, the expansion will double the square footage to over 54,000 square feet. The increased clinical space will allow for more physician offices, cardiac testing facilities and the relocation of the UT Health East Texas Sleep Disorders Center into the same building, bringing collaboration and needed clinical resources to the patients.



Rendering of the new Tyler CVC lobby. Image provided by Fitzpatrick Architects.

New Programs: Advanced Heart Failure

The UT Health East Texas Heart and Vascular Institute will introduce an Advanced Heart Failure Program in conjunction with our clinical partners, Tyler Cardiovascular Consultants, in May of 2022. This program will integrate inpatient and outpatient care for those patients diagnosed with advanced heart failure. Dr. Augustine Njoku and Dr. Andrea Cooley are leading these efforts.

Advanced heart failure is a very serious heart condition that affects a large population of patients. Our comprehensive clinical team focused on providing care will develop patient specific care and treatment plans based on the needs of each patient.

Symptoms of advanced heart failure may include, but are not limited to:

- Swelling in the legs, feet and abdomen
- Chest pain
- Reduced ability to exercise or walk long distances
- Fatigue and weakness
- Rapid weight gain from fluid buildup
- Rapid or irregular heartbeat
- Shortness of breath with activity or when lying down
- Water retention associated with bloating, nausea and lack of appetite

These symptoms may be present at various times of the day and may be reoccurring even after treatments.

Advanced heart failure patients require a myriad of testing, oversight, treatments and on-going monitoring. It can last for years if managed early on and with the oversight of a comprehensive trained team of healthcare providers. Some advanced heart failure patients will be managed medically while others may need more interventions and maintenance that could lead to left ventricular assist devices (LVAD). Some patients will require heart transplants.

UT Health East Texas Heart and Vascular Institute has put together a comprehensive team to care for patients close to home and has also developed collaborative partnerships with the nation's leading transplant centers to provide the very best of care for those needing heart transplants.

New Programs: Atrial Fibrillation & Convergent

A-Fib Clinic

Atrial fibrillation (A-fib) is the most common heart rhythm abnormality in the nation, with a particularly high prevalence in East Texas region. Most patients are aware of this clinical diagnosis, while others may not recognize they have it. Along with symptoms, in most patient it increases the risk of having a stroke by five times.

Management of atrial fibrillation is focused on:

- Understanding unique patient needs to advise a course of action that could require interventions with medications or procedures.
- Reducing risk of stroke with appropriate interventions, like medications or cutting-edge procedures like left atrial appendage closure, when appropriate.
- Offering support to primary care physicians and providers to counsel patients on use of anticoagulation therapies.
- Promoting normal heart rhythm using catheter ablation technologies (radiofrequency or cryo balloon) for enhancing quality of life.
- Advanced cardiac pacing support and ablation strategies for patients with A-fib and heart failure.
- Hybrid Surgical - Catheter ablation procedures (“Convergent”) for more advanced and appropriate cases.
- Access to research on the field of atrial fibrillation.
- Advice and action on risk factors that promote atrial fibrillation, in conjunction with other services (sleep medicine, weight loss clinic, cardiac rehab).

The UT Health East Texas Heart and Vascular Institute, in conjunction with Tyler Cardiovascular Consultants, will be opening its dedicated A-Fib Clinic in May of 2022. This clinic will focus care on patients with this medical condition. A comprehensive clinical care team, led by Dr. Raul Torres and Dr. Ashish Gangasani, will provide timely access and care to patients providing a team approach encompassing the diagnosis of A-Fib, care planning, treatment and monitoring.

There will be a coordinated approach between inpatient and outpatient care.

Patients with A-Fib require extensive testing which is provided by The UT Health East Texas Heart and Vascular Institute and Tyler Cardiovascular Consultants.

The goal is to provide seamless care in a coordinated effort to our patients and the communities we serve.

Convergent Procedure

As part of the clinical offerings provided by the new A-Fib Clinic, UT Health East Texas Cardiothoracic surgeons (Dr. Andrea Cooley) and Tyler Cardiovascular Consultants (Drs. Raul Torres and Ashish Gangasani) joined forces and began offering the Convergent Procedure.

This procedure is used to treat patients with persistent atrial fibrillation. The cardiac surgeons, along with the electrophysiologists, work collaboratively to stop atrial fibrillation and promote normal rhythm.

This is a minimally invasive procedure that reduces or stops repeat ablation procedures in the future for the patient.

Not all patients are candidates for this procedure. Patients will be screened in the A-Fib clinic to determine if they are a candidate for this procedure.

UT Health East Texas Heart and Vascular Institute provides the most advanced lifestyle, medical and surgical treatment options available to combat A-Fib.

New Programs: Diuresis Clinic

One of the treatments for patients with heart failure or advanced heart failure is diuresis. Diuresis removes volume overload, which is a common symptom for patients diagnosed with heart failure or advanced heart failure. Patients will often exhibit symptoms of:

- swelling in the legs, feet and abdomen
- shortness of breath
- inability to walk long distances
- rapid weight gain
- decreased appetite
- difficulty breathing while lying down
- plus, others

Historically, patients with these symptoms would present themselves to the emergency room for symptom management and often be admitted to the hospital. Both are costly and time consuming for patients. In many cases, it would require at least a one-day stay in the hospital.

With the development and implementation of our new outpatient Diuresis Treatment Center, which is part of our UT Health East Texas Heart and Vascular Institute, Tyler Cardiovascular Consultants will offer this service in our newly developed offices in or around May 2022. It is conjunction with the implementation of our new Advanced Heart Failure Clinic.

Patients will be managed by our experienced and comprehensive clinical team and can be seen in the outpatient setting for symptom relief, which also results in improving a patient's quality of life.

Patients will be in a comfortable outpatient setting, receive their treatment and then go home, thus avoiding the emergency room and possibly an overnight hospital stay.

This will be one of the first centers of its type in East Texas and the communities we serve.

New Programs: Sleep Labs

In the spring of 2022 the UT Health Tyler Sleep Disorders Center, under the medical direction of David I. Jones, MD, will be joining one of the UT Health East Texas Heart and Vascular Institute campuses associated with Tyler Cardiovascular Consultants. The program will be expanding its testing capacity to 12 beds, with two rooms dedicated to pediatric services. Patients will be tested from age two and older. The new facilities will bring the clinical skills and resources to a new and beautiful center to better accommodate the needs of the community. The center will be strategically located and easily accessible.

The UT Health Tyler Sleep Disorders Center is accredited by the American Academy of Sleep Medicine (AASM). This program was the first in East Texas to be awarded the Gold Standard AASM accreditation and continues to practice under the standards set by the AASM.

Sleep plays an important role in both physical and emotional health. The immune system, your body's defense against illness and disease, is strengthened by getting good quality sleep. The key is quality sleep, as many people do not recognize their disturbed sleep patterns. Studies have shown that inadequate sleep can leave the immune system more susceptible to infectious illnesses. [1]

Untreated sleep disorders and ongoing sleep deficiency is linked to an increased risk of heart disease, kidney disease, high blood pressure, diabetes and stroke.

^[1] *Arch Intern Med.* 2009 January 12; 169(1): 62-67. doi:10.1001/archinternmed.2008.505. Sheldon Cohen, PhD, William J. Doyle, PhD, Cunevt M. Alper, MD, Denise Janicki-Deverts, PhD, and Ronald B. Turner, M

A Year in Review: Research Summary

Tyler Cardiovascular Consultants (Tyler CVC) physicians in conjunction with the UT Health East Texas Heart and Vascular Institute participated in several clinical trials in 2021 with implications for heart patients. “The advantages of having a research infrastructure are that the public has the opportunity to have access to cutting-edge drugs and devices before other facilities and communities do,” says Greg Murphy, Tyler CVC’s Director of Research.

Tyler CVC and UT Health Tyler participated in the Xience 28, Xience 90 and Onyx One Clear clinical trials. These trials helped to support FDA approval of shorter duration of dual anti-platelet therapy (DAPT) in high-risk bleeding patients for stents made by Abbott Vascular and Medtronic. Patients who receive stents are typically on DAPT regimens such as aspirin and P2Y12 inhibitors for 6 to 12 months to prevent blood clots, but high-bleeding risk patients can experience bleeding during prolonged DAPT. A short DAPT duration minimizes risk for patients.

Tyler CVC and UT Health Tyler also participated in the BeAT HF trial for patients with advanced heart failure which Barostim Neo device was approved by the FDA in 2019. Other studies participated in were cardiac stent trials for the CeloNova Cobra PzF stent (Cobra PzF SHIELD, Cobra REDUCE trial), and the Biotronik Orsiro drug eluting stent (BIOWFLOW V trial).

Symposium 2022

Each year, the goal of the cardiac symposium is to provide healthcare providers in East Texas with a comprehensive update on cardiovascular conditions that are commonly encountered in daily practice. Guest speakers present the latest clinical trial evidence and clinical guidelines along with case presentations illustrating how to incorporate the guidelines into clinical practice.

Presentation overview:

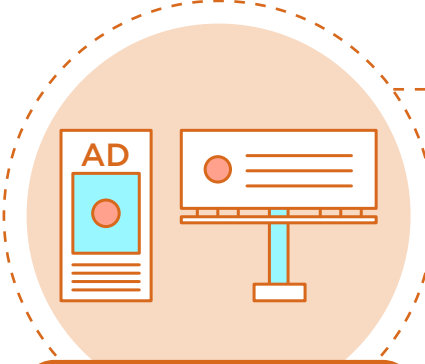
SPEAKER	TOPIC
Raul Torres, MD <i>Cardiology/Electrophysiology</i> <i>Tyler CVC</i>	Not so Fast: How Important is the Definition and Duration of Atrial Arrhythmia to Diagnose Atrial Fibrillation?
Stephen Rydzak, MD <i>Medical Director</i> <i>UT Health East Texas Physicians</i>	Medical Ethics Lecture
Thaddeus Tolleson, MD <i>Cardiology</i> <i>Tyler CVC</i>	TAVR in 2022 and Beyond
Darren McGuire, MD <i>Professor</i> <i>Division of Cardiology,</i> <i>Southwestern Medical Center</i>	Cardiac Risk Reduction in Patients with T2DM: GLP1RA vs. SGLT2i
Robert A. Harrington, MD <i>Chairman</i> <i>Department of Medicine,</i> <i>Stanford University</i>	Keynote Address: Cardiovascular Medicine as a Data Science

A Year in Review: Awards and Accreditation

Our flagship hospital, UT Health Tyler, is an accredited chest pain center, vascular testing facility and echocardiography facility, providing expertise and a commitment to treating patients with heart attack symptoms with the highest quality of care.



A Year in Review: Marketing Recap



PRINT MEDIA

20 PRINTED STORIES | 100% POSITIVE TONE

- 3 Tyler Today
- 7 Tyler Morning Telegraph
- 1 Athens Review
- 2 Henderson News
- 3 The Monitor
- 2 Jacksonville Progress
- 2 Panola Watchman

7 BROADCASTS

- 4 KYTX (5a, 6:42a, 12p, 5p): MitraClip interview w/ Dr. Patel
- 3 KETK (6:30a, 7a, 11a): Go Red Luncheon Advance



BROADCASTS



ONLINE STORIES

22 ARTICLES RAN ONLINE WITH PRINTED ARTICLES

2 ARTICLES PUBLISHED ONLINE ONLY

44 TOTAL POSTS

- 191,919 Total impressions
- 18,991 Total engagements (*reactions, comments, shares, clicks*)
- 8 Provider videos (*live and pre-recorded*)
- 4 Patient testimonials
- 5 Blogs/tips from providers



SOCIAL MEDIA

UT Health East Texas Cardiologists



Muhammad Chaudhry, MD,
FACC, FASE, RPVI, FSCAI



Dudley D. Goulden III,
MD, FACC



Jennifer Thibodeau, MD



Saima Zafar, MD, MBA



Teresa Lee Griffin,
APRN, MSN, FNP-C



Robin Strait, APRN, FNP-C

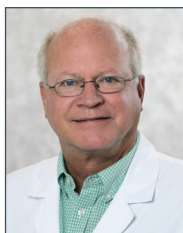
UT Health East Texas Cardiothoracic Surgeons



Andrea Cooley, DO, FACOS



Vivek Patel, MD, FACS



W. Stephen Phillips, MD

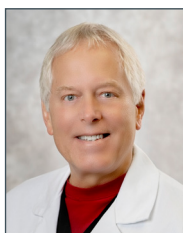
Tyler Cardiovascular Consultants



Robert Carney, MD,
FACP, FACC



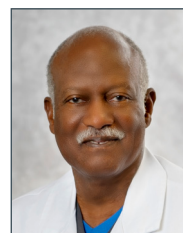
Brent Davis, MD, FACC



David Dick, MD,
FACC, FSCAI



Ashish Gangasani, MD



David Hector, MD, FACP,
FACC, FSCAI, FAAC



Alex Korniyenko, MD



Frank Navetta, MD
FACC, FSCAI



Augustine Njoku, MD,
FACC, FSCAI



Ajay Pachika, MD, FACC

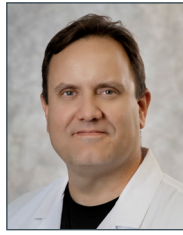


Robert W. Smith, MD, FACC

Tyler Cardiovascular Consultants (Con't)



Thaddeus Tolleson,
MD, FACC



Raul Torres-Heischecke,
MD, FHRS



Abram Abriz,
MSN, APRN, AGNP-C



Natalye Combs,
MSN, APRN, FNP-C



Lamont Davis,
MSN, APRN, FNP-C



Brandy Hill, DNP, APRN,
FNP-C



Monica Hudspeth,
MSN, APRN, FNP-C



Kristina Johnson,
MSN, APRN, FNP-C



Michele McDonald,
MSN, APRN, AGACNP-C



Francisco Rivera, APRN,
MSN, FNP-C, ACNP-BC



Ashley Tomlin, APRN,
RN, MSN, FNP-C



Jason Scott, MSN,
APRN, FNP-C

CardiaStream

- Jeffery G. Carr, MD, FACC
- Hector D. Ceccoli, MD, FACC
- Rachel DeVaney, MD
- Sherif Iskander, MD, FACC
- C. Noah Israel, MD, FACC
- Scott M. Lieberman, MD, FACC
- Richard W. Lowry, MD, FACC
- Alex A. Petrakian, MD, FACC
- Kyle J. Smith, MD, FACC
- Michael C. Tobes, MD, PhD, FACC
- Scott A. Wright, MD, FACC

Vascular Tyler

- Mark R. Robbins, MD, FACS
- Tyrone J. Miller, DO, FACOS, FACS
- D. Brent Kerns, MD, FACS

New Providers 2022

Dr. Preetham Reddy Muskula

Dr. Preetham Reddy Muskula is joining Tyler Cardiovascular Consultants in August of 2022. Dr. Muskula received his medical degree at Kamineni Institute of Medical Sciences In Narketpally, India. He trained in Internal Medicine at Mercy Hospital and Medical Center, Chicago, Illinois, where he also served as Chief Medical Resident. He, subsequently, trained in Echocardiography at the Mid America Heart Institute/ University of Missouri. He received his Cardiology and Interventional Cardiology training at Saint Louis University (SLU). His training at SLU encompassed coronary and peripheral interventions apart from advanced percutaneous hemodynamic support (Impella, ECMO, etc.,). He also trained in catheter-based therapies for structural heart disease including transcatheter aortic valve replacements, MitraClip, PFO closure and Watchman device implantations at Prairie Heart and Vascular Institute. Dr. Muskula has authored articles that are featured in peer-reviewed publications such as Circulation Cardiovascular Imaging, International Journal of Cardiology and Catheterization Cardiovascular Interventions.

Excellent cardiovascular care is attained by a strong patient-physician relationship and access to the most comprehensive and innovative treatments. Prevention of cardiovascular disease and maintenance of cardiovascular health is paramount in enjoying a rich and fulfilling lifestyle. Dr. Muskula's goal is to be a comprehensive resource for cardiovascular care for his patients and use an individualized care plan for each patient that is designed to achieve the best outcomes.

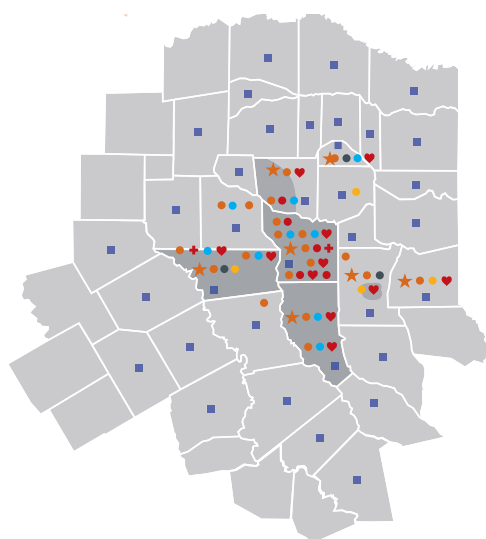
He is a family man who enjoys traveling and experiencing new cultures, playing tennis and making a positive impact on the patients and their families. Dr. Muskula will be supporting patients served by UT Health Athens and UT Health Tyler.

Dr. Gaurav Patel, MD

Dr. Gaurav Patel is joining Tyler Cardiovascular Consultants in August of 2022. He is will be completing his interventional cardiology fellowship in June of 2022 at The University of Texas Medical Branch in Galveston. He completed his cardiology fellowship from the Wright Center for Graduate Medical Education in Scranton, Pennsylvania in 2020. He also has his master's in public health from Drexel University School of Public Health, Philadelphia. He was involved in teaching medical students and residents. He has been very active in cardiology research as well.

Dr. Patel is married and his wife has experience as a Health Care Administrator. He and his family are looking forward to working in Tyler and being a part of Tyler Cardiovascular Consultants. He has friends and family in Texas.

Outreach Locations



- ★ **Hospitals:** 10 (4 Smith County) - 8 hospital ERs
- **Clinics:** 75+
- ✚ **Freestanding Emergency Centers:** 2
- **Air 1 Helicopter:** 4
- **Olympic Center & Rehabilitation Facilities:** 9
- **Rehabilitation Centers:** 5
- ♥ **Cardiopulmonary Rehabilitation Facilities:** 10
- **Home Health:** 32 Counties
- **EMS Ambulances:** 55+

ATHENS	115 Medical Cir., Ste. 102 Athens, TX 75751	Monday - Friday	Brent O. Davis, MD Aleksandr Korniyenko, MD Saima Zafar, MD, MBA
CANTON	406 Highway 243 East Canton, TX 75103	Wednesday/Friday 1 day monthly	Brent O. Davis, MD
CARTHAGE	409 Cottage Dr. Carthage, TX 75633	Monday/Friday	Aleksandr Korniyenko, MD
GUN BARREL CITY	2408 W. Main St. Gun Barrel City, TX 75156	Wednesday/Friday	Aleksandr Korniyenko, MD Augustine Njoku, MD
HENDERSON	317 Wilson St. Henderson, TX 75653	Wednesday Weekly	Robert J. Carney, MD David Hector, MD
JACKSONVILLE	203 Nacogdoches St., Ste. 240 Jacksonville, TX 75766	Friday Weekly	David Hector, MD Ajay Pachika, MD Thaddeus R. Tolleson, MD
NORTH CAMPUS TYLER	11937 U.S. Highway 271 Tyler, TX 75708	Monday - Friday	Muhammad Chaudry, MD Ashish Gangasani, MD Dudley Goulden, MD Augustine Njoku, MD Jennifer Thibodeau, MD
PALESTINE	300 Willow Creek Pkwy., Ste. 220 Palestine, TX 75801	Tuesday/Thursday 1st & 3rd/weekly	David M. Dick, MD Ajay Pachika, MD
PITTSBURG	2701 U.S. Highway 271 N. Pittsburg, TX 75686	Thursday	Brent O. Davis, MD Augustine Njoku, MD Ajay Pachika, MD
QUITMAN	709 E. Goode St., Ste. 100 Quitman, TX 75783	Tuesday/Thursday	David M. Dick, MD Augustine Njoku, MD Robert W. Smith, MD

All information subject to change.

Location hours depend on patients scheduling and travel time.

Cardiology Imaging Locations

Athens

- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Resting ABI
- Stress Echo
- Venous Dopscan
- Lexiscan
- Stress Myoview

Carthage

- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Renal Dopscan
- Stress Echo
- Venous Dopscan
- Lexiscan
- Stress Myoview

Gun Barrel

- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Resting ABI
- Venous Dopscan

Henderson

- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Venous Dopscan
- Lexiscan
- Stress Myoview

Jacksonville

- ABI (Exercise/Rest)
- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Venous Dopscan
- Lexiscan
- Stress Myoview

Palestine

- ABI (Exercise/Rest)
- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Stress Echo

Pittsburg

- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Renal Dopscan
- Stress Echo
- Venous Dopscan
- Lexiscan
- Stress Myoview

Quitman

- ABI (Exercise/Rest)
- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Stress Echo
- Venous Dopscan
- Lexiscan
- Stress Myoview

Tyler

- ABI (Exercise/Rest)
- Abdominal Aorta Ultrasound
- Arterial Dopscan
- Carotid Dopscan
- Echo
- ETT
- Pseudoaneurysm Ultrasound
- Renal Dopscan
- Stress Echo
- Venous Dopscan
- Lexiscan
- Stress Myoview



UTHealth

East Texas

Heart & Vascular Institute