

... and you can
trust your heart
to us.

**Welcome to Manatee
Heart and Vascular Center
at Manatee Memorial Hospital**

Manatee Heart and Vascular Center provides an individual approach to heart care. Our patients receive assessment, diagnosis, planning, intervention and evaluation of their specific care needs. Cardiologists and Cardiothoracic Surgeons coordinate care with other members of the healthcare team, including the surgery and emergency departments, to get you on the road to recovery.

The center offers recent advances in cardiac diagnostic and interventional procedures, helping you recover more quickly, with less stress on the body and heart.

The Manatee Heart and Vascular Center, located on the ground floor of Manatee Memorial Hospital, includes:

- Three catheterization labs
- Electrophysiology lab
- Nuclear medicine lab
- Echocardiography
- Vascular suite
- Minimally invasive surgical valve repair and replacement
- Valve Clinic
- Structural Heart Clinic
- Structural Heart programs
- Spacious waiting, preprocedure and postprocedure areas



Call 941.745.6874
Tours are always welcome.

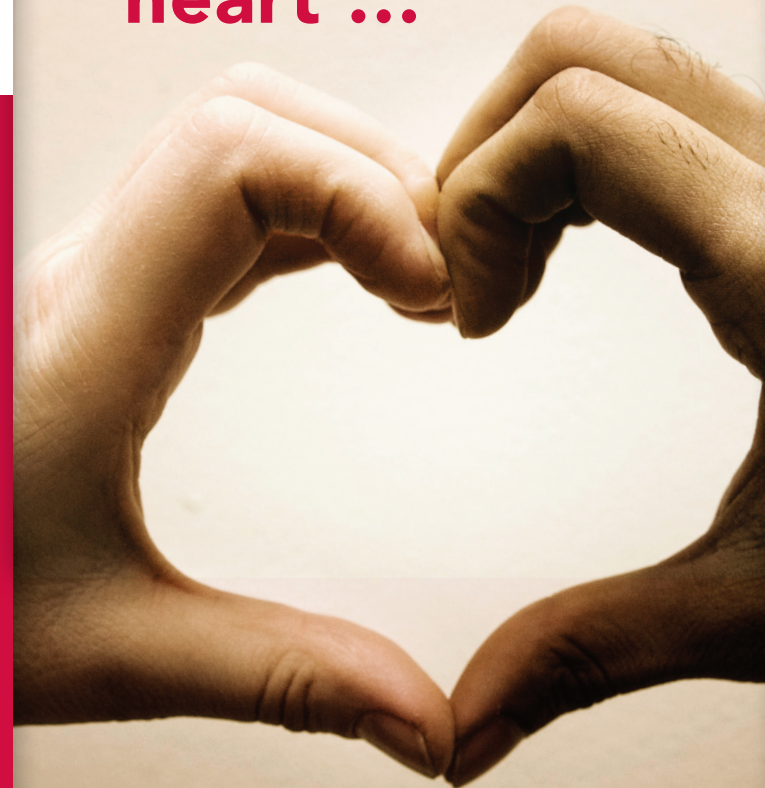
**MANATEE HEART
AND VASCULAR CENTER**
AT MANATEE MEMORIAL HOSPITAL

206 Second Street East, Bradenton, FL 34208
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Follow us     

Physicians are on the medical staff of Manatee Memorial Hospital, but, with limited exceptions, are independent practitioners who are not employees or agents of Manatee Memorial Hospital. The hospital shall not be liable for actions or treatments provided by physicians. For language assistance, disability accommodations and the non-discrimination notice, visit our website. 181460 3/18

**You live your life
with all your
heart ...**



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COMPREHENSIVE SERVICES

Cardiac Diagnostic and Interventional Procedures

One of the best ways to reduce the chance of heart damage is to discover the problem early and begin treatment as soon as possible. At Manatee Memorial, we provide patients with an individualized approach to heart care with a multidisciplinary and experienced team of physicians, nurses and technicians. Advanced cardiovascular procedures and services include the following:

- Cardiac diagnostic and interventional procedures
- Echocardiography and diagnostics
- Electrophysiology diagnostic and interventional
- Structural heart clinic
- The Valve Institute

Cardiac Diagnostic and Interventional Procedures:

- Watchman Left Atrial Appendage Closure (LAAO) Implant
- Balloon valvuloplasty
- Cardiac catheterization
- Angioplasty
- Intracoronary ultrasound
- Laser, atherectomy and stenting technologies
- Thrombectomy and thrombolysis therapy

Echocardiography and Diagnostics

These noninvasive studies can provide doctors with information about heart valves, heart muscle and the coronary arteries as well as possible congenital heart abnormalities. We are the first

echocardiography accredited facility in this area by the Intersocietal Accreditation Commission (IAC).

- 2-D and 3-D technology ECHO and TEE
- Pediatric echocardiography
- Stress Echo

Electrophysiology Diagnostic and Interventional Procedures

Electrophysiologists can target the heart tissue responsible for an electrical disturbance and leave normal heart muscle intact.

- 3-D mapping
- Simple and complex radiofrequency ablations:
 - Atrial fibrillation
 - Atrial flutter
 - Ventricular tachycardia
 - SVT – supra AV-Node
- Implantables:
 - Pacemakers
 - Defibrillators
 - Cardiac resynchronizataion
 - Loop recorders
- Intracardiac ultrasound
- Watchman Left Atrial Appendage Closure (LAAO) Implant

Peripheral Vascular Diagnostic and Interventional Procedures

These studies use leading-edge technologies for limb salvage and to treat all vascular diseases.

- Angioplasty/Atherectomy
- Carotid artery stenting
- Endovascular stenting of aortic aneurysms
- Limb salvage and thrombolysis therapy

THE VALVE INSTITUTE AT MANATEE MEMORIAL HOSPITAL

- Mitral Clip
- TAVR: Transcatheter Aortic Valve Replacement
- Minimally invasive surgical options for valve repair and replacement

VALVE REPLACEMENT AND REPAIR AT THE VALVE INSTITUTE

Heart Valve Repair

Heart valve repair is a surgical or minimally invasive procedure that corrects a heart valve that is not functioning properly. Heart valve repair usually involves the heart valve leaflets that open and close to pump blood through the heart. In some cases, the doctor may find that repairing the heart valve is the best way to treat heart valve disease.

Another repair option is the MitraClip, used to address inoperative mitral valve regurgitation that occurs as a result of degenerative change to the mitral valve.

Heart Valve Replacement

When repair is not an option, replacing the damaged heart valve may be the most effective treatment. Heart valve replacement is a surgical procedure that replaces a damaged heart valve with a new valve.

CARDIOVASCULAR SURGERY AT MANATEE MEMORIAL HOSPITAL SURGICAL CENTER

The Cardiovascular Surgical Intensive Care Unit and the Cardiac Step-Down Units, located on the second floor of the Patient Tower, care for patients who have had these advanced surgical procedures:

Coronary bypass surgery. This procedure gives blood a new pathway to the heart. Surgeons attach a vein from the leg or an artery from the chest beyond the coronary artery blockage, redirecting blood flow around the blockage. Some patients have multiple blockages to bypass.

Mitral valve repair, replacement and MitraClip®.

When the heart's mitral valve does not close completely, it is considered insufficient. When the valve does not open correctly, it is considered stenosed.

To correct this condition, the surgeons at Manatee Memorial can access the mitral valve through the sternum to repair or replace the valve to restore proper functioning.

Endoscopic vein harvesting. This method of vein harvesting requires one to three small incisions in your leg. This procedure may result in less pain, a decreased chance of infection and a more aesthetically pleasing outcome.

* With limited exceptions, physicians are not employees or agents of this hospital.

THE EMERGENCY CARE CENTER'S ROLE

The faster a heart attack patient receives artery-clearing intervention, the better the chance of survival and recovery. Manatee Memorial Hospital coordinates with Manatee County EMS to speed assessment and intervention.

The Emergency Care Center staff is alerted by radio and ready to act quickly when the patient arrives. The patient is transferred to the Cath Lab, where blood flow is restored to the heart muscle.