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
- Spacious waiting, preprocedure and postprocedure areas

You live your life with all your heart ...
congenital heart abnormalities. We are the first and the coronary arteries as well as possible with information about heart valves, heart muscle and replacement.

Echocardiography and Diagnostics
These noninvasive studies can provide doctors with leading-edge technologies for limb salvage and to treat all vascular diseases.

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).

3D and 3D 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.

3D mapping
Simple and complex radiofrequency ablations: Atrial fibrillation Atrial flutter Ventricular tachycardia SVT – supra AV-Node

Implantables:
Pacemakers Defibrillators Cardiac resynchronization 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

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.

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 is a surgical procedure that replaces a damaged heart valve with a new valve.

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.

THE VALVE INSTITUTE AT MANATEE MEMORIAL HOSPITAL

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

THE EMERGENCY CARE CENTER’S ROLE

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.

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.