

Cardiovascular Services & Programs

From preventative care to state-of-the-art diagnostic and treatment technologies, the Heart and Vascular Institute provides a full range of adult cardiovascular services.

When you choose the Heart and Vascular Institute for your cardiovascular needs, you are choosing to be cared for by dedicated cardiovascular specialists—including cardiologists, cardiovascular surgeons, nurses and other healthcare professionals—in facilities designed with your unique needs in mind.

The majority of our diagnostic and treatment services are provided in state-of-the-art hospitals, featuring:

- assessment and prevention of acquired and genetic risk factors for heart disease
- cardiothoracic operating rooms
- cardiothoracic intensive care unit
- cardiac telemetry unit
- cardiac catheterization laboratory
- comprehensive outpatient clinic for diagnosis and follow-up
- hybrid operating room

Cardiovascular diseases include conditions of the heart and blood vessels. You may be born with a congenital heart defect or develop heart disease over time. From the first warning signs of a heart attack to the final stages of congestive heart failure, our dedicated cardiovascular healthcare professionals are here for you.

Award Winning

- St. Joseph's Hospital and Medical Center has earned the 2020 American Heart Association - Get With The Guidelines® - Heart Failure Gold Plus Quality Achievement Award. The award recognizes St. Joseph's commitment and success in implementing a high standard of heart failure care by ensuring heart failure patients receive treatment that meets nationally accepted, evidence-based standards and recommendations.
- St. Joseph's Hospital and Medical Center offers cutting-edge preventative care and cardiovascular diagnostic and treatment services. We are proud to be an Accredited Chest Pain Center from the American College of Cardiology, a recognition given to hospitals that have achieved a high level of expertise in dealing with patients who arrive with symptoms of a heart attack.

Dignity Health Cardiovascular Surgery Clinic

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St. Joseph's Hospital and Medical Center

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Dignity Health®

Heart and Vascular Institute at
St. Joseph's Hospital and Medical Center

The Heart and Vascular Institute at St. Joseph's Hospital and Medical Center



Dignity Health®

Heart and Vascular Institute at
St. Joseph's Hospital and Medical Center



Preventative Heart Care

Whether you are at risk for heart disease or are exhibiting symptoms of a heart condition, our cardiovascular specialists will work with you to create a preventative care plan that may include lifestyle changes or the latest medications.

Early prevention and detection are key to maintaining a heart healthy lifestyle. Evaluation of acquired and genetic risk factors for heart disease is part of a routine assessment at the outpatient clinic of the Heart and Vascular Institute. The Heart and Vascular Institute also offers periodic educational seminars about various heart conditions for members of the community.

Cardiovascular Diagnostic Services

Dignity Health's state-of-the-art cardiovascular diagnostic services include:

- 3D printer reconstruction models
- 1.5T and 3.0T MRI
- 64-slice cardiac CT scanning
- Angiography/Magnetic Resonance Angiography (MRA)
- Cardiac catheterization
- Cardiac event monitoring
- Coronary computed tomography angiography (coronary CTA)
- Echocardiography (Echo)-Dobutamine stress, exercise stress, transesophageal (TEE) and two-dimensional with pulsed and color doppler
- Holter monitoring

- MR cardiac studies
- Stress testing-treadmill (exercise) and nuclear
- Ultrasound (abdominal aortic, carotid, intravascular, venous and arterial)

Advanced Cardiovascular Treatment Options

Our cardiovascular specialists are skilled in some of the most advanced and minimally invasive treatment options available today, including:

Structural Heart Procedures

- Transcatheter Aortic Valve Replacement (TAVR)
- Left Atrial Appendage Occlusion (LAAO/Watchman™)
- Transcatheter Mitral Valve repair and replacement (TMVR/Mitraclip™)
- Surgical heart valve repair and replacement

Mechanical Circulatory Support (MCS)/Ventricular Assist Device (VAD)

Advanced Heart Failure/Heart Transplant Workup

Adult Congenital Heart

- Adult congenital heart surgery

Electrophysiology (EP)-treatment of Heart Arrhythmias

- Device implants
- Automated Implantable Cardioverter Defibrillator (AICD)
- Permanent Pacemaker (PPM)
- Leadless pacemaker
- Implantable Loop Recorder

- Ablation (Radiofrequency and Cryoablation)
- Electrophysiology Study and 3-D mapping
- Left Atrial Appendage Occlusion
- Laser Lead Extraction

Coronary Artery Revascularization

- Percutaneous Coronary Intervention (PCI)
- Complex Percutaneous Coronary Intervention
- Complex trans catheter coronary revascularization
- Coronary bypass grafting surgery
 - Off pump
 - Complex
- Trans catheter heart recovery

Complex Aneurysm Intervention

- Surgical repair of aneurysm-abdominal aortic
- Surgical repair of aortic dissections

Vascular Procedures

- Endovascular stents
- Peripheral artery revascularization
- Carotid endarterectomy
- Renal artery revascularization

Dignity Health hospitals are among the premier facilities in the southwest for the treatment of most heart and vascular conditions. Our physicians also collaborate with staff at Barrow Neurological Institute and Norton Thoracic Institute to support prevention, treatment and research.