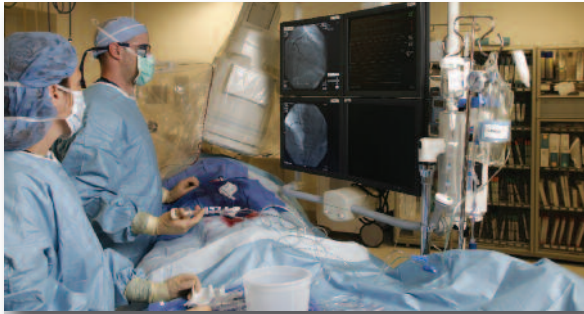


St. Joseph's Cardiac Medical Services



St. Joseph's Hospital and Medical Center
A member of CHW



Building on a long history of offering specialized cardiac care, St. Joseph's Hospital and Medical Center offers a comprehensive approach to the prevention, diagnosis, treatment and research of adult cardiac disease. Services include:

- Diagnostic and interventional cardiac catheterization services
- Specialized cardiology and cardiac surgery services
- Cardiac rehabilitation and lifestyle cardiac wellness programs

These services integrate independent medical staff – including a wide variety of private cardiologists and cardiovascular surgeons – with St. Joseph's faculty staff to enhance inpatient treatment, education and recovery. The interdisciplinary approach facilitates research into new technologies and treatment modalities, as well as collaborating Barrow Neurological Institute physicians and staff, to support stroke prevention, treatment and research.

Building on a History of Achievement

St. Joseph's has always been a leader in cardiovascular care - pioneering new procedures and advancing healthcare technology. Notable achievements include:

- First computerized EKG program in Arizona (1967)
- First coronary care unit in the Southwest (1964)
- First heart-lung transplant in Arizona (1984) and one of the first nationwide

Cath Lab Services and Capabilities

A number of enhancements have been made to St. Joseph's four cardiac catheterization labs, and there are a variety of special features now in place: Two labs are dedicated to adult diagnostic and interventional procedures. These include:

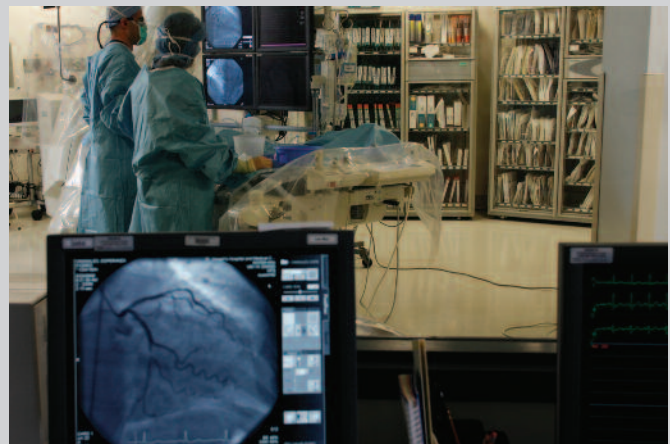
- Angioplasty and stenting, both electively and emergently with interventional procedures
- Diagnostic testing for valve surgery on coronary artery bypass graft (CABG) procedures

- Diagnosis and advanced treatment of peripheral vascular disease

A third lab is dedicated to electrophysiology (EP) procedures. This area allows physicians to conduct AV node ablations with 3-D mapping as well as super ventricular tachycardiac (SVT) ablations and atrial fibrillation ablations. In addition, there is EP testing for device implants such as internal cardiac defibrillators. A fourth lab is dedicated to pediatric congenital heart services and pulmonary hypertension diagnosis and treatment. The Cath Lab has 100 percent telemetry.

The Cath Lab has implemented a number of practices to ensure quality and continuity of care:

- The Emergency Department (ED) can activate the Cath Lab when a patient with emergent needs comes into the hospital. The Cath Lab team also has immediate access to the ED's electronic medical records to assess the patient's condition.
- Special emphasis is given to achieving a rate of 90 minutes or less for all "door to balloon" cardiac procedures.
- Cath Lab activation can be accomplished within 20 to 30 minutes of contact.
- Support from executive hospital leadership and board certified cardiologists and cardiothoracic surgeons specializing in the treatment of heart, thoracic and vascular medicine to ensure ongoing quality improvement.



- The Cardiac Quality Committee meets monthly to review cases and procedures. The committee is a multi-disciplinary team that includes cardiologists, cardiac

surgeons, emergency physicians, all areas of cardiac nursing staff, CV patient educators, clinical pharmacists, case management and communications.

- The Cath Lab consistently scores high on national and hospital-based quality indicators.

Cardiac Medicine

The Center utilizes academic faculty and independent physicians to provide clinical care, operational effectiveness, and accessibility, serving cardiovascular health needs ranging from primary prevention through the most sophisticated interventional therapies and surgeries.

Diagnostic and Interventional Capabilities:

- Intravascular Ultrasound (IVUS)
- Electrophysiology, 3-D mapping and ablation
- Two-dimensional echocardiology with color doppler
- Transesophageal echocardiography (TEE)
- Nuclear stress testing
- 64-slice cardiac CT Scanning
- Peripheral vascular disease evaluation and treatment.
- Treadmill stress testing
- Holter monitoring/scanning
- Cardiac event monitoring

Surgical Services:

- Coronary Artery Disease
- Mitral Valve Disease



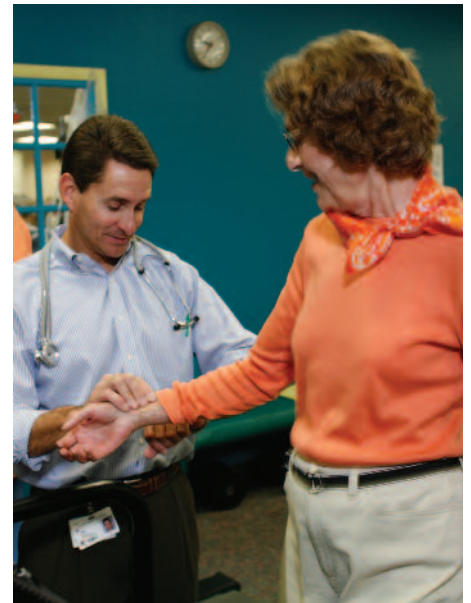
- Aortic Valve Disease
- Atrial Fibrillation
- Heart Failure
- Aortic Disease
- Endoscopic radial artery harvesting
- Rigid sternal fixation
- Endovascular grafting of abdominal aortic aneurysms

Patient Care Tower

The Heart & Lung Tower (HLT) at St. Joseph's features six dedicated state-of-the-art cardiothoracic surgical suites, 16 intensive care rooms and 39 private patient rooms devoted to cardiovascular telemetry. The tower also includes high-definition video recording and Internet streaming capabilities for education and research. In addition to the HLT, Tower 6 in St. Joseph's Patient Care Tower is now 100 percent telemetry, which provides an added benefit for patients who need medical admission.

Cardiac Rehabilitation

St. Joseph's Cardiac Rehabilitation Program is designed to improve an individual's emotional stability, quality of life and physical activity. The program is designed to educate and reduce patient's risk factors for reoccurring cardiac disease. The program is nationally certified by the American Association for Cardiac and Pulmonary Rehabilitation.



Rapid Access and Referrals

Community physicians can call 602-406-6611 to activate the Rapid Cardiac Admission Program (RCAP) for a cardiovascular admission or transfer. St. Joseph's is a Designated Regional Arizona Arrest Center specializing in the treatment of cardiac emergencies.

Referrals and consultations for both independent and faculty physicians can be obtained through the ResourceLink physician referral service by calling 1-877-602-4111.



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