



THE JAMES FAMILY
Heart Center
at YRMC WEST



Personalized Care
... One Heart at a Time



You can have confidence in your care at The James Family Heart Center at YRMC West, where our highly qualified surgeons, nurses and technologists provide a heart-healthy program that features diagnosis, treatment, surgery, rehabilitation and education.

Yavapai Regional Medical Center (YRMC) is well known for fostering a Total Healing Environment. We work in partnership with patients and their families to provide peace of mind and peace of heart, as well as to deliver physical cure and comfort.

This philosophy of care, combined with our advanced technology and expertise in cardiothoracic (heart and chest) surgery, allows The James Family Heart Center at YRMC West to offer personalized care and positive outcomes... *a heartbeat from home.*

The Heart Center team is dedicated to improving the health of our patients and enriching the quality of their lives. Our premier services and programs include:

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Giving From the Heart

The Harold James Family Trust and Prescott-area philanthropist, Ron James, are generous supporters of The James Family Heart Center at YRMC West. Thanks to this support, our Heart Center continues to thrive, delivering exceptional services to heart patients from diagnosis to treatment to recovery and beyond. The James Family Heart Center at YRMC West: an exceptional name for an exceptional Heart Center.

Adult Cardiothoracic Surgery



MEET OUR TEAM

YRMC has tapped nationally recognized surgeons to lead The James Family Heart Center at YRMC West. These accomplished surgeons collaborate with an outstanding team of nurses and technologists as well as other physicians to provide exceptional, world class care to heart patients.

BLOOD CONSERVATION PROGRAM

The James Family Heart Center at YRMC West is internationally recognized for its Blood Conservation Program, which allows most patients to undergo heart surgery without a blood transfusion. Studies show that fewer blood transfusions lead to better outcomes and shorter hospitalizations.

CORONARY ARTERY BYPASS SURGERY

This surgery restores normal blood flow to the heart by using a graft to bypass one or more blocked arteries.

OFF-PUMP CORONARY ARTERY BYPASS SURGERY

Surgeons perform this procedure while the heart is still beating, instead of placing the patient on a heart-lung machine. While not suitable for all patients, it can reduce recovery time.

VALVULAR SURGERY

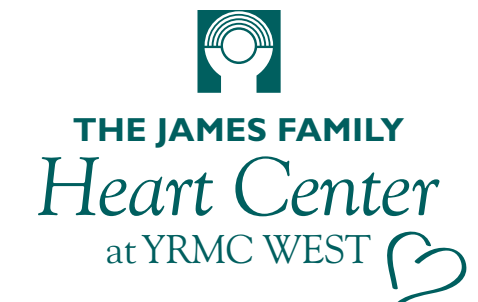
There are four valves in the heart—mitral, tricuspid, aortic and pulmonic—that make sure blood flows in the right direction. When these valves don't work properly, surgery may be required to correct the problem.

MAZE SURGICAL PROCEDURE

This procedure is used to treat atrial fibrillation (rapid and disorganized heart-beat) by interrupting abnormal impulses between the upper chambers of the heart and allowing a return to a normal heartbeat.

MAJOR CHEST SURGERY

Major chest surgery may be recommended to treat lung conditions such as infection, cancer or emphysema. Some of these procedures can be performed using minimally invasive techniques.



Cardiac Catheterization Laboratory and Angiography Department



CARDIAC CATHETERIZATION

Cardiac catheterization (also called cardiac cath or coronary angiogram) is an imaging procedure that tests for heart disease by allowing your doctor to “see” how well your heart is functioning. During the test, a long, narrow tube, called a catheter, is inserted into an artery or vein in your arm or leg and guided to your heart with the aid of a special X-ray machine. Contrast dye is injected through the catheter so that X-ray movies of your valves, coronary arteries, and heart chambers can be created.

THORACIC ENDOGRAFTS (STENTS)

This minimally invasive procedure is an alternative to surgery for the repair of aneurysms of the thoracic aorta.

VATS (VIDEO-ASSISTED THORACOSCOPIC SURGERY), LOBECTOMY

Video-assisted thoracoscopic surgery—known as VATS—is a minimally invasive surgical procedure. During VATS lobectomy, the surgeon makes several small incisions between the ribs and inserts a miniature camera with a light source. Images from the camera are projected on to a computer monitor, allowing the surgeon to remove tumors and cancerous tissue from the lungs.

VATS (VIDEO-ASSISTED THORACOSCOPIC SURGERY), SYMPATHECTOMY
VATS sympathectomy, uses the VATS technique (see page 6, bottom) to treat people who suffer from a condition that is characterized by excessive perspiration.

ARRHYTHMIA PROGRAM

An arrhythmia is an irregular heartbeat. Common types are bradycardia, a slow heart rate below 60 beats per minute, and tachycardia, a fast heart rate of more than 100 beats per minute. We treat several types of arrhythmias.



PERMANENT PACEMAKER

This is implanted under the skin to maintain a normal heart rate by sending electrical impulses to the heart muscle. Mostly used to correct a too-slow heartbeat, though newer models have other heart-rate functions.

INTERNAL CARDIAC DEFIBRILLATOR

This is a sophisticated electronic device, also implanted under the skin and used primarily to treat ventricular tachycardia and ventricular fibrillation, two life-threatening abnormal heart rhythms.



Interventional Radiology (IR) Services

IR SERVICES

Encompasses a variety of minimally invasive diagnostic and therapeutic procedures using catheters directed through arteries or veins.

DIAGNOSTIC ANGIOGRAPHY

An imaging procedure in which a catheter is inserted into an artery or vein and guided through the body. A special dye is injected and images of the blood vessels are obtained.

PERIPHERAL ANGIOPLASTY AND STENTS

Peripheral arterial disease occurs when arteries are narrowed or blocked with plaque. The artery is opened with a balloon catheter, and then a stent (a tiny metal mesh tube) is implanted to make sure it stays open. Examples include opening narrowed arteries to the brain (carotid artery), legs, arms, kidney and bowel.

STENT GRAFT FOR ABDOMINAL AORTIC ANEURYSM REPAIR

When an aneurysm – an abnormal bulge due to a weakened wall – occurs in the aorta, one option is to deliver a stent graft via catheter to reinforce the weak spot and prevent any life-threatening complications.

DIAGNOSTIC ECHOCARDIOGRAM

An echocardiogram uses ultrasound to take pictures of the heart, which can be seen on a monitor and recorded to determine how well the heart is working. It is similar to ultrasound exams performed on pregnant women.

STRESS ECHOCARDIOGRAM

This exam shows how well your heart works when you are exercising on either a treadmill or stationary bike. If you cannot exercise, you will be given medicine that raises your heart rate without physical activity.

NUCLEAR CARDIAC STUDIES

First, a small amount of radioactive tracer is administered. Then, a special camera takes images of the heart that show the localization of the tracer and can be interpreted by physicians to diagnose problems and disease.

Cardiopulmonary





Cardiac Rehabilitation/ Preventive Medicine (Pendleton Centers)

CARDIAC REHABILITATION

Cardiac rehab helps people with cardiovascular disease return to optimal well being through education, progressive exercise and behavior modification. Each patient receives an individualized rehab program, which begins while he or she is still hospitalized and continues on an outpatient basis.

ADULT FITNESS

Whatever your current fitness level, Adult Fitness is for you. We offer different membership options to meet your specific needs and goals. Our team of healthcare specialists and exercise professionals will provide information to help you choose the program that best meets your needs.

WELLNESS SERVICES

Education is an important component of any exercise, fitness or rehab program. We provide education on a broad selection of subjects and in a variety of settings—from group meetings to one-on-one counseling.

DIABETES EDUCATION

American Diabetes Association-recognized classes provide information on how to correctly monitor blood sugar, acute and long-term complications, medications to treat diabetes, and how to plan healthy meals. Individual consultation is available.

Vascular Surgery

SURGICAL TREATMENT OF VASCULAR DISEASE

Vascular disease includes any condition that affects your circulatory system, or the system of blood vessels that carry blood throughout the body. We offer surgical procedures to treat different vascular diseases.



Critical Care Services

The James Family Heart Center at YRMC West offers high quality care delivered by a team of experienced physicians, nurses, technologists and other staff. We take pride in meeting the heart-related needs of our patients and their families.

Cardiovascular Intensive Care Unit (CVICU)

Specializing in the care of the surgical heart patient as well as their family members, the CVICU team utilizes advanced monitoring and evidence-based guidelines to help patients and their families along a healing path to recovery.


Intensive Care Unit (ICU)

Focusing on the care of the medical heart patient as well as their family members, the healthcare professionals in the ICU utilize advanced monitoring and evidence-based guidelines to foster optimal outcomes.

Progressive Care Unit (PCU)

Enhancing the road to recovery for patients and their families, medical professionals in the PCU specialize in preparing patients and their families for the new challenges facing them on their path to wellness.



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