

Cardiopulmonary Diagnostic Services

To determine the state of your heart and the condition of your cardiovascular system, our cardiologists and cardiopulmonary technologists may administer several kinds of diagnostic procedures. Some of the tests offered at Crestwood Medical Center are described below.

Echocardiogram is a test in which ultrasound is used to examine the heart and provides the doctor with important information about the size of the chambers of the heart and the pumping function of the heart.

Transesophageal Echocardiogram allows the Cardiologist to view the internal structures of the heart and the heart's major vessels. This test will help the doctor to evaluate the patient's cardiac condition related to any congenital defects, heart valve disease, or heart muscle disease.

Electrocardiogram (EKG) records the electrical impulses traveling through the heart on graph paper. The purpose is to evaluate the heart's function, to determine the presence of abnormal electrical impulses and to detect heart damage.

Pulmonary Function Test is a series of tests that measure lung function. The tests provide information about the amount of air that a person's lungs can hold and how effectively the lungs work. The test can be used to diagnose respiratory conditions including asthma.

Electroencephalogram (EEG) is a test that checks brain wave activity. This test is used to look for brain dysfunctions such as strokes or seizures.

Stress Test is a noninvasive procedure performed on a treadmill to help diagnose heart disease.

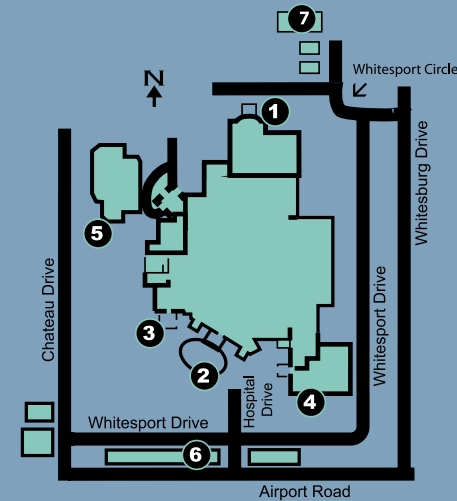


The Cardiac Care & Endovascular Team at Crestwood responds to your needs with speed, skill, and compassion.



Crestwood Medical Center offers the most comprehensive services for diagnosing and treating your heart and vascular system including arteriograms, balloon angioplasty, stent placement, heart catheterization, and pacemaker implants.

Our Cardiologists, Vascular Surgeons and Cardiopulmonary Technologists also perform several kinds of diagnostic procedures to determine the state of your heart and the condition of your cardiovascular system, including EKG, TEE, cardioversion and stress tests.



- ① Outpatient Center Entrance
- ② Visitor's Entrance
- ③ Emergency Entrance
- ④ Medical Pavilion
- ⑤ Professional Center
- ⑥ Imaging & Diagnostics Center
- ⑦ Center for Sleep Disorders

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CRESTWOOD
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Cardiac Care & Endovascular Services



Heart Catheterization Procedures

Elective PTCA or elective coronary intervention is a treatment that utilizes balloon angioplasty to treat coronary artery disease, a disease that restricts blood flow to the heart due to hardened arteries that are clogged with plaque. The goal of balloon angioplasty is to free the artery of plaque and improve blood flow. Improved blood flow reduces the risk of heart attack. Elective coronary interventions help treat patients who have arterial blockages but have not experienced a heart attack. Balloon angioplasty is also used as treatment for a patient who is experiencing a heart attack.

Balloon angioplasty is a procedure used to deliver a balloon to a site of critical arterial blockage. This technique can be applied to virtually any artery or vein in the body.

Stents are small mesh-like devices made of metal that are sometimes used in conjunction with balloon angioplasty. A stent is placed inside an artery and acts as a support device, keeping the vessel open and improving blood flow.

Left Heart/ Right Heart Cardiac Catheterization is used to show whether there are any blockages in the arteries of your heart and measures the pressure in the right heart.

Pacemaker is a device that is used to provide your heart with the electrical signs it needs for the muscle to contract or beat.

Endovascular Lab Procedures

Vascular health means how well blood vessels outside of the brain and heart function. The most common problem is peripheral artery disease. Other vascular conditions include aneurisms, problems with blood flow to major organs and deep vein thrombosis. At Crestwood we offer advanced technology to find and treat vascular problems through out the body.

Arteriogram is an x-ray image of the blood vessels and is used to evaluate various vascular conditions.

Aortic Intervention (Endograft) is a technique used to repair an aortic aneurysm. An endograft is a fabric covered metallic stent.

Deep Venous Thrombosis (DVT) Intervention is a technique used to treat a blood clot that may occur with in the deep veins of the body.

Carotid Artery Stenting is a minimally invasive procedure used to treat a blockage in the carotid artery.

Port-a-Cath Insertion is a technique used to place a venous access device called a port-a-cath which is often implanted in the upper chest or the arm to allow easy access to a view for different frequent injection therapies.

Arterial and Venous Angioplasty & Stenting are minimally invasive procedures performed to improve blood flow in the body's arteries. In the angioplasty procedure, imaging techniques are used to guide a balloon-tipped catheter into an artery and advance it to where the vessel is narrow or blocked. In vascular stenting, which is often performed with angioplasty, a small wire mesh tube called a stent is permanently placed in the newly opened artery to help it remain open.

Emergency Cardiac Care

The Crestwood Cardiac Care team averages a door to balloon time of less than 73 minutes.

Time is Muscle.

Open 24-hours a day, seven days a week, our Emergency Room's convenient location is designed to provide fast and easy access. **During the event of a heart attack it is vital that patients receive fast, effective treatment.** Our advanced facility includes a treatment area for cardiac emergencies providing emergency coronary artery intervention (angioplasty and stents) for acute heart attacks.

In 2003, we joined a national registry that monitors patient outcomes for hospitals without on-site cardiac open heart surgery. The national average for door to balloon time (from the time a patient arrives at the emergency room until the time blood flow is restored) is 107 minutes. **The Crestwood Cardiac Care Team averages a door to balloon time of less than 73 minutes.**

If you are experiencing symptoms of a heart attack, call 911 immediately and ask to be taken to the nearest hospital. Paramedics can begin treatment once they arrive.

Outpatient & Inpatient Cardiac & Endovascular Units

At Crestwood, we offer a comprehensive Cardiac Care & Endovascular program that not only includes elective and emergent cardiac and endovascular treatment, but also includes:

- medical intensive care unit
- Progressive Cardiac Care inpatient unit
- Cardiac Care outpatient unit.

Our eight bed Medical Intensive Care Unit is staffed by dedicated cardiac nurses who receive extra certification to ensure that you receive quality care while at Crestwood. Also, newly renovated, private rooms equipped with the latest technology in cardiac monitoring offer you comfort and privacy while we care for you or a loved one. Our six bed outpatient cardiac procedures unit is also staffed by highly qualified cardiac nurses.

We encourage you to discuss your healthcare needs with a physician. For more information regarding Cardiac Care at Crestwood, please call Lora Porter, RN, Cardiac Care Clinical Director, at 256.429.5037.

