With the advancement of technology, more devices and techniques are being developed that can treat arterial blockages without the need for large surgical incisions. Crestwood Medical Center offers a variety of outpatient Heart Catheterization and Endovascular Lab Procedures.

**Heart Catheterization Procedures:**
- Elective PTCA or Elective Coronary Intervention
- Balloon Angioplasty
- Stents
- Left Heart/ Right Heart Cardiac Catheterization
- Pacemaker

Vascular health means how well the 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 throughout the body.

**Endovascular Lab Procedures:**
- Arteriogram
- Aortic Intervention (Endograft)
- Deep Venous Thrombosis (DVT) Intervention
- Carotid Artery Stenting
- Port-a-Cath Insertion
- Arterial and Venous Angioplasty & Stenting

At Crestwood, we are growing and expanding to meet the health care needs of our community.

We currently have 3 locations:

1. **Crestwood Medical Center - Main Hospital Facility**
   - One Hospital Drive
   - Huntsville, Alabama 35801

2. **Crestwood Imaging & Diagnostic Center**
   - On the Crestwood campus
   - 700 Airport Road, Suite H
   - Huntsville, Alabama 35801

3. **Crestwood Diagnostic Center - Madison**
   - 20 Hughes Road
   - Madison, Alabama 35758

We offer conveniences like online preregistration and front door parking. You’ll also enjoy a level of care from hospital-quality radiologists and technologists. While most of our imaging procedures will be performed in one of the outpatient centers, your doctor may order a procedure that will need to be performed within the main hospital facility. If diagnostics are required, let your physician know that you choose Crestwood. Once your appointment is scheduled, our team will provide detailed instructions on what to expect and where to go for your procedure. If at any time you have questions regarding an appointment, please feel free to call 256.429.4888.
Advanced medical diagnostics isn’t just high-tech equipment with the latest features. It is also equipment that takes your comfort and ease into consideration. At Crestwood, we are combining advanced diagnostics and procedures with convenience, comfort and expertise.

**Magnetic Resonance Imaging (MRI)** utilizes a large magnet to provide high resolution images of the body part in need of examination. When your doctor orders an MRI, now there is a choice for open MRI right here at Crestwood’s Imaging and Diagnostic Center. Our high-field open MRI gives both detailed images for your physician and wide open space for your comfort. Crestwood also offers MRI procedures on the main campus for after hours and weekends.

**Breast MRI** is a supplemental tool used for detecting and staging breast cancer and other breast abnormalities. Breast MRI is not a replacement for mammography or breast ultrasound.

**Digital Mammography** is digital imaging of the breast utilizing low dose X-ray to evaluate the breast. A Biolucent MammoPad breast cushion is used to increase patient comfort during compression. Mathers are performed in the Crestwood Women’s Center located at 185 Chateau Drive.

**Cardiac Computerized Tomography Angiography (CCTA)** is a noninvasive imaging test that uses CT scan and computer software to look at the arteries supplying blood to the heart. It is different from conventional ways of evaluating the heart vessels in that it does not require sedation or extended monitoring after the procedure. Insurance may cover the cost of the CCTA procedure. Please contact your insurance company regarding your policy and coverage of CCTA.

**Computed Tomography Angiography (CTA)** is also used to acquire images of the pulmonary vessels and lower extremity vessels. This noninvasive imaging test can help radiologists identify numerous health conditions such as pulmonary embolism, stenosis, aneurysm or thrombosis.

**Nuclear Medicine** involves the use of radioactive isotopes to prevent, diagnose and treat disease. Information gathered during nuclear medicine procedures is more comprehensive than other imaging techniques because it describes organ function, not just structure. This results in many diseases and cancers being diagnosed much earlier.

**Ultrasound**, also known as sonography or ultrasonography, is an imaging tool that does not involve exposure to radiation. Instead, ultrasound uses high-frequency sound waves to look at organs and structures inside the body.

Cardiac Computerized Tomography Angiography (CCTA) is a noninvasive imaging test that uses CT scan and computer software to look at the arteries supplying blood to the heart. It is different from conventional ways of evaluating the heart vessels in that it does not require sedation or extended monitoring after the procedure. Insurance may cover the cost of the CCTA procedure. Please contact your insurance company regarding your policy and coverage of CCTA.

**Computed Tomography Angiography (CTA)** is also used to acquire images of the pulmonary vessels and lower extremity vessels. This noninvasive imaging test can help radiologists identify numerous health conditions such as pulmonary embolism, stenosis, aneurysm or thrombosis.

**Nuclear Medicine** involves the use of radioactive isotopes to prevent, diagnose and treat disease. Information gathered during nuclear medicine procedures is more comprehensive than other imaging techniques because it describes organ function, not just structure. This results in many diseases and cancers being diagnosed much earlier.

**Ultrasound**, also known as sonography or ultrasonography, is an imaging tool that does not involve exposure to radiation. Instead, ultrasound uses high-frequency sound waves to look at organs and structures inside the body.

**Transesophageal Echocardiogram** is a noninvasive procedure performed on a treadmill to help diagnose heart disease. More extensive studies are combined with radioisotopes.

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

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