

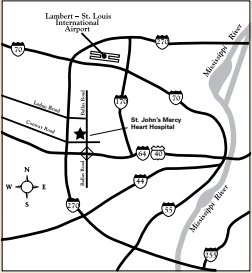
Location and Maps

For scheduling or questions about your appointment, please call St. John's Mercy Central Test Scheduling at 314-364-3300.

West County - St. John's Mercy Heart and Vascular Hospital

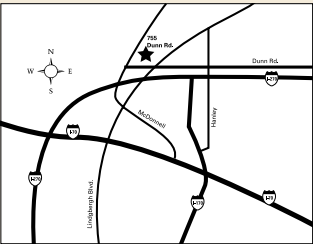
625 South New Ballas Road, Suite 7063*
St. Louis, MO 63141
314-364-3300

*From the Heart and Vascular Hospital lobby, take the Rose elevators to the seventh floor.



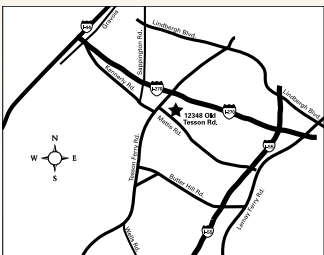
North County - St. John's Mercy Medical Building

755 Dunn Road, Suite 100
Hazelwood, MO 63042
314-364-3300



South County - St. John's Mercy Medical Building

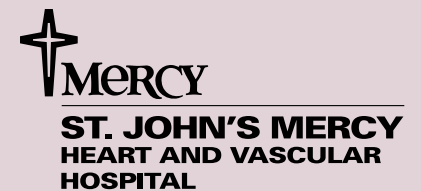
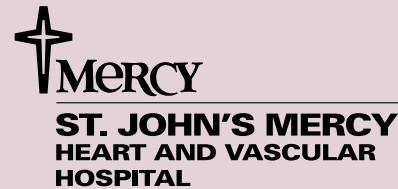
12348 Old Tesson Road, Suite 270
St. Louis, MO 63128
314-364-3300



St. John's Mercy

Heart and Vascular Hospital

NONINVASIVE VASCULAR SERVICES



WELCOME

WELCOME TO NONINVASIVE VASCULAR SERVICES

Thank you for choosing St. John's Mercy Heart and Vascular Hospital for your noninvasive vascular testing. We provide sophisticated diagnostic and screening services using advanced technologies. We look forward to providing you with Mercy Service in our compassionate healing environment.

About Our Staff

Our experienced team of vascular surgeons, nurses and sonographers perform and interpret advanced diagnostic and screening tests. These highly trained specialists have extensive expertise in the evaluation and diagnosis of a variety of vascular conditions. Results will be provided to your physician promptly (usually within 24 hours).

Patient Satisfaction – We Strive for 5s

St. John's Mercy is committed to providing high quality service and compassionate care. We accomplish this by listening to the opinions and concerns of our patients. A few days after your visit, you may receive a confidential patient satisfaction survey in the mail. Please take the time to complete and return the survey. If you were satisfied with the care you received, please let us know by marking 5 (or Very Good) on the survey. If there is anything we can do to improve our service, please ask to speak to a member of our leadership team.

Quality

The Noninvasive Vascular Testing Lab is accredited by the Intersocietal Commission for the Accreditation of Vascular Laboratories.

What is Noninvasive Testing?

Noninvasive testing allows patients to be examined using ultrasound and is free of the risks and discomfort associated with injections or invasive procedures. Noninvasive testing is safe and does not

ABOUT YOUR TEST

have any associated side effects when performed in a qualified center.

Generally there is nothing you need to do to prepare for a noninvasive vascular test. You should wear comfortable clothes and shoes. If your physician has ordered a study of the blood vessels in your abdomen, you should not eat or drink anything after midnight the night before your test. If you are fasting for an abdominal study, please ask your physician if you should take prescribed medications on the morning of your test.

What Should I Expect During the Test?

One of our specially trained vascular sonographers will greet you and escort you to the testing area. Depending on the type of test ordered, you may be asked to change into a gown. Next, you will be asked to lie or sit on the examination table. The sonographer will apply a small amount of gel to your skin and then pass the ultrasound probe over the area of the body being studied. You may feel minimal discomfort during the study as the ultrasound probe presses against your skin. The sonographer will take a number of digital images of your blood vessels using an ultrasound machine. Once the study is complete, the images are sent to our team of vascular surgeons for review. You may resume normal activities immediately following the test.

About Your Tests

The St. John's Mercy Heart and Vascular Hospital offers a full range of noninvasive vascular tests. The most common tests that we perform are described in this brochure, along



with what you can expect before and during each test. Depending on the test ordered by your physician, you should expect to spend 45-60 minutes in the testing area.

Upper and Lower Extremity Arterial Testing

Your physician ordered this test to learn about the blood flow and presence of any stenosis (narrowing) within your arteries. During the test, a series of blood pressure measurements will be taken from different places on your extremities while the sonographer examines Doppler waveforms to obtain a "picture" of how the blood is flowing. Because a blood pressure cuff is used, you will experience a sense of pressure as the cuffs inflate and deflate.

Carotid Doppler

A carotid artery duplex scan is used to assess occlusion (blockage) or stenosis (narrowing) of the carotid arteries of the neck and/or the branches of the carotid artery. Plaque (a buildup of fatty materials), thrombus (blood clot), and other substances in the blood stream may cause a disturbance in the blood flow through the carotid arteries. A small amount of gel is placed on the neck and a Doppler device is used to scan the arteries.

Venous Doppler

Venous Doppler testing is used to evaluate the presence of thrombus (blood clot) in the veins of the legs. You will be asked to lie down for this test. A small amount of gel is placed along the entire leg and a Doppler device is used to carefully scan the veins for the presence of thrombus.

