



Ultrasound PV Study (Arterial Doppler)

To Schedule: (319) 861-7778

Questions about Procedure: (319) 398-6050

701 10th Street SE
Cedar Rapids, IA 52403-1292
319 398-6011

What is a Non-Invasive Arterial Peripheral Vascular Study?

The non-invasive vascular lab checks the arterial blood flow in your legs. Noninvasive testing does not require the use of needles, contrast, or x-ray. The test can take about 1 hour.

Preparation:

No special exam preparation is needed.

PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:

A PHOTO ID TO VERIFY YOUR IDENTITY

A LIST OF CURRENT MEDICATIONS YOU ARE TAKING

Procedure:

The examination starts with the patient lying down on an exam table. Both arm and ankle blood pressures are taken using blood pressure cuffs. The patient is then asked to walk on a treadmill to exercise the calf muscles of their legs. After exercise, ankle and arm blood pressures are repeated.

Normally, blood pressure measurements are higher at the ankles than in the arms. If the patient's blood pressure is higher in the arms than the ankles, then it is likely that an artery is blocked between the patient's midsection and feet.

More pressure readings may be taken at the thigh and calf after the patient exercises on the treadmill if necessary.

Parking/Registration:

Park in the Mercy Medical Center 10th Street Parking Ramp, located at the corner of 10th Street and 8th Ave. SE. You will be pre-registered, so you can proceed to **Ground (G)** level and follow the signs to "Radiology (X-Ray)," also located on Ground (G) level.

If you are having this procedure at the Mercy Health Plaza Imaging Center:

The Imaging Center is located in the NE corner of the Plaza next to Galaxy Theatre, at 5264 Council St. NE. Park in front of the building. You will be pre-registered, so you can proceed to the Reception desk.

Procedure Results (Who interprets the results):

A radiologist will review the images shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss the results with you. Please allow your physician time to review these results, usually 2 business days after the exam.

Your appointment date and time:

Procedure date: _____

Procedure time: _____ (Please arrive 15 minutes early)