

PCI Medical Pavilion
202 10th St. SE, Suite 225
Cedar Rapids, IA 52403
800/982-1959 or 319/364-7101

Jones Regional Medical Center
1795 Highway 64 East
Anamosa, IA 52205
800/982-1959 or 319-481-6213

Regional Medical Center
709 W Main Street, Suite 100
Manchester, IA 52057
800/982-1959 or 563/927-2855

Unitypoint.org/cardiologyclinic

Arterial Duplex

What is an Arterial Duplex?

An Arterial Duplex is an ultrasound test that uses high frequency sound waves (ultrasound) to image blood flow in the arteries of the arms or legs.

Why is an Arterial Duplex performed?

Common indications for the performance of an Arterial Duplex include:

- Leg pain while walking.
- Coldness, numbness or tingling in your hands, arms, legs, or feet.
- Following angioplasty or stent placement of an artery in an arm or leg.
- A sore that does not heal.

What can I expect during the Arterial Duplex?

- A personal history describing current vascular symptoms will be obtained.
- You will be asked to remove outer clothing and put on a patient gown. You will be asked to remove shoes and socks.
- You will hear pulse-like noises periodically during your exam when the technologist is checking the blood flow through your arteries.

Will I have pain or discomfort during the test?

The pressure is mild and lasts for a short period of time. The pressure should not cause any pain. You should tell the sonographer if you are uncomfortable during the test.



Arterial Duplex

Appointment:

Date: _____

Time: _____

How long does the Arterial Duplex take?

You will be in the vascular lab for 1-2 hours.

What should you wear?

- Wear loose fitted clothing that is easy to remove.

Specific Preparation:

- **Do NOT** smoke 2 hours before the test.
- **Do NOT** apply cologne, perfume, body lotions, or powder.
- Take all medications as prescribed.
- Wear loose fitted clothing that is easy to remove.
- Please arrive 30 minutes prior to the exam. This is to allow the legs to rest prior to the study.

When will you know the results of your test?

The images from the test will be reviewed by a board certified cardiologist. The results of the test will be sent to the doctor that ordered the test for you. The test results will also be sent to your family doctor. The technologist that is performing your test will not give you the results of the test after he or she finishes taking the pictures. Test results are available in 3 to 4 days.

Important Billing Information

If you are unable to keep your testing appointment, you must contact UnityPoint Health-Cardiology Clinic 24 hours prior to your test time. Scheduled testing appointments that are missed or cancelled without the 24 hour advance notice may be subject to charges for pharmaceuticals or supplies specifically ordered for your test.