

PCI Medical Pavilion
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Cedar Rapids, IA 52403
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800/982-1959 or 319-481-6213

Regional Medical Center
709 W Main Street, Suite 100
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Unitypoint.org/cardiologyclinic

Arterial Study

What is an Arterial Study?

An Arterial Study is performed by using a series of blood pressure cuffs to measure pressure in the arms and legs to determine if a blockage in the arteries is present.

Why is an Arterial Study performed?

Common indications for the performance of an Arterial Study include:

- Leg pain while walking.
- Coldness, numbness or tingling in your hands, arms, legs, or feet.
- A sore that does not heal.

What can I expect during the Arterial Study?

- A personal history describing current vascular symptoms will be obtained.
- You may be asked to remove outer clothing and put on a patient gown.
- Measurements will be taken as you lie in a bed. It may be necessary to have you walk for 5 minutes on a treadmill at a low setting.
- A slight pressure from the cuffs will be applied to your arms and legs as the pressure cuffs inflate.
- 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 Study

Appointment:

Date: _____

Time: _____

How long does the Arterial Study take?

You will be in the vascular lab for 1 hour.

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.
- Wear shoes that are suitable for exercising. No sandals.
- 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.

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.