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Ankle-Brachial Index Monitoring (ABI)

Please read all instructions carefully and follow them exactly as outlined below. Failure to do so may result in the cancellation of your test.

Preparation

- ♥ Please refrain from using lotions and other oily substances that can interfere with contacts. Otherwise, no preparation is necessary.
- ♥ This test takes about 1 hour to complete.

Brief Description of Test

Ankle-Brachial Index Monitoring is a peripheral arterial study. It is a non-invasive test used to detect the presence of significant blockages in the arteries of your lower extremities. Usual indications for the test include claudication (cramping muscular pain induced by exercise and relieved by resting briefly), painful toes or feet at rest at night and/or non-healing ulcers.

During the test, blood pressure cuffs are applied to the arm and lower extremities. Pressures are then obtained, which permits comparison of blood pressure in sequential segments of the legs to the arm pressure. Doppler ultrasound is also used to record the change in blood flow down the legs. As part of the test, you may be asked to walk on the treadmill or to do calf raises.

Please call our office with additional questions.