

## LOWER EXTREMITY ARTERIAL DOPPLER



**PATIENT NAME:** \_\_\_\_\_

**APPOINTMENT DATE:** \_\_\_\_\_ **APPOINTMENT TIME:** \_\_\_\_\_

***Please note, you should allow 1 hour for completion of this test.***

**PURPOSE:** A lower extremity arterial doppler test is a very useful screening procedure that measures the blood flow through the arteries in your legs and to determine if there is blockage. This test is conducted while you lie on an exam table. Several blood pressure cuffs will be applied to your arms and legs and a small pencil-thin probe that produces sound waves will be used.

### **PROCEDURE:**

1. You will be asked to change to a gown with the opening in the front and removing clothing from the waist down.
2. A highly trained technician will use the probe to evaluate the arteries from your groin to your ankles at several different sites.
3. The technician will then apply blood pressure cuffs to your arms and legs. If you are diabetic, the technician will also put tiny cuffs on your toes to check the blood pressure in your toes. The cuffs will be partially inflated and a waveform is displayed on a monitor and recorded in the computer. While the technician listens to the pulse in your ankle artery, the cuffs are inflated until the blood flow is temporarily stopped. Then the cuff will be deflated until the technician hears the blood flow in the ankle artery again. The technician will also take your blood pressure in both arms, recording the results in the computer.
4. The results of your test will be carefully reviewed and interpreted by the Cardiologist. The Care Group makes every effort to provide results of your test to your ordering physician within a 24-hour period.

### **INSTRUCTIONS:**

1. It is important that you are on time for your test. If you need to cancel, please call: 1-866-415-6622 or 317-583-7900.
2. You may take your medications and eat as usual on the day of the procedure.



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