



PATIENT & FAMILY EDUCATION / NYU Medical Center

Arterial Doppler & Pulse Volume Recordings

Name: _____

Arterial Doppler and Pulse Volume Recordings

The following information explains Arterial Doppler and Pulse Volume Recordings. If you have any questions after reading this information, please speak with your nurse.

What are Arterial Doppler and Pulse Volume Recordings?

- Arterial Doppler and Pulse Volume Recordings are simple, painless, non-invasive tests which provide information about the circulation in the arteries of the legs.

Why are they done?

- Doppler studies can help detect problems with arteries and veins including blockages and clots.

Where is the procedure done?

- Vascular Lab, 2nd Floor, Tisch Hospital.



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How long does it take?

- The test itself takes only 20 minutes but you will be away from your room for about one hour.

What preparation is needed?

- There is no preparation for this painless test.
- You may eat before the test. Your nurse will give you your usual prescribed medications.
- Escort personnel will take you by wheelchair to the Vascular Lab.

What happens during the procedure?

- In the Vascular Lab, you will lie in a hospital bed.
- Your blood pressure is checked in both arms.
- Your blood pressure is then checked in your thighs and ankles using blood pressure cuffs and a small microphone called a Doppler instead of a stethoscope. When held to the skin, the Doppler allows the staff to hear the blood flow.
- Using a special machine, paper tracings are then recorded of the volume of blood flow to the feet.

What happens after the procedure?

- You will be returned to your room.
- You can resume all previous activities as prescribed.
- Your doctor will receive the results of this test within 48 hours and will discuss them with you.



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SPECIAL INSTRUCTIONS OR QUESTIONS
