



Duplex Scan

Name: _____

DUPLEX SCAN

The following information is a brief description of the Duplex Scan. If you have any questions after reading this information, please speak with your nurse.

WHAT IS A DUPLEX SCAN?

- ❖ A Duplex Scan is a non-invasive study of blood flow. It is called "*Duplex*" because it combines two types of noninvasive ultrasound (*B-Mode imaging and Doppler*) to determine the degree of narrowing in the arteries or veins.

WHY IS IT DONE?

- ❖ This test can be done to evaluate the arteries in your neck which supply your brain with oxygen-rich blood, or the arteries and veins in your legs.

WHERE IS THE PROCEDURE DONE?

- ❖ Vascular Lab, 2nd Floor, Tisch Hospital.

HOW LONG DOES IT TAKE?

- ❖ The Duplex Scan takes approximately one half hour.
- ❖ You will be away from your room for about one hour.

WHAT HAPPENS BEFORE THE PROCEDURE?

- ❖ There is no preparation for this painless test.
- ❖ You may eat before the test. Your nurse will give you your usual medications.



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- ❖ Escort personnel will take you to the Vascular Lab in a wheelchair.

WHAT HAPPENS DURING THE PROCEDURE?

- ❖ The test is performed while you lie relaxed on a stretcher or a hospital bed.
- ❖ An ultrasonic scanning device, like a large microphone, is held on your neck and recordings of the blood flow sounds are made.
- ❖ You cannot speak during the test.

WHAT HAPPENS AFTER THE PROCEDURE?

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

SPECIAL INSTRUCTIONS OR QUESTIONS
