NEUROLOGY GROUP of BERGEN COUNTY

Vascular Testing

Carotid Doppler Ultrasound:

This is a painless, non-invasive way of looking at the blood vessels in the neck that bring blood up to the brain. The test uses sound waves to take pictures and does not involve any radiation. During the test, a technician will hold a small probe up to different parts of the front and back of your neck, and measurements of how the blood is flowing will be made. You should not feel anything uncomfortable during the test, and there are no known risks or adverse effects. The test takes approximately 20 to 30 minutes and no preparation is necessary.

Transcranial Doppler:

This is also a painless, non-invasive way of examining blood vessels, but this time looking at the major arteries inside the skull. Sound waves are again used to examine the flow of blood in these vessels. For this test, a probe is held against the side of the head, the eyelids and the back of the head. There is no pain associated with this testing, and there are no known risks or adverse effects. The test takes approximately 30 to 45 minutes and no preparation is necessary.

Following the test, the information will be given to one of our physician ultrasound specialists for interpreting the results. This physician will send a formal report of the findings to your referring physician. Your physician will put the results of this test together with other information to determine how to interpret the results. Your physician can explain these results to you and make additional recommendations if necessary.

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