

Long Island Neurology Consultants

777 Sunrise Hwy, Ste 200, Lynbrook, NY 11563

227 Franklin Avenue Hewlett, NY 11557

Tel: 516.887.3516 | Fax: 516.887.0331

Our neurovascular laboratory is certified by the IAC (Intersocietal Accreditation Commission). The IAC is a nationally recognized accrediting organization to advance appropriate utilization, standardization, and quality of diagnostic imaging. All our sonographers are nationally registered vascular technologists (RVT) with credentials in vascular imaging which are updated annually.

Carotid Doppler (Carotid Ultrasound) is a diagnostic procedure used to examine the carotid arteries for increased stroke risk. Ultrasound is widely used and captures images in real-time. This non-invasive test is performed by our registered vascular technologist. The patient sits in a reclining chair while the technologist applies a gel to a flat probe moving up and down the neck, taking images of the carotid arteries along the way. The procedure averages about 30 minutes.

Transcranial Doppler with Embolic Screening/Vasoreactivity Study

Similar to carotid doppler examination, this non-invasive diagnostic procedure examines the arteries of the head for increased stroke risk. The registered vascular technologist will apply a gel to a flat probe placing it on several areas of the head including the eyelids, temples, and back of the neck. It is often performed at the same time as the carotid doppler and both procedures typically take 45 minutes.

PREPARATION:

- There are no dietary, medication, or driving restrictions. You may eat and take your medications as you normally would.
- **Wear comfortable clothing** with a loose or open neck (button down shirt preferred). **Avoid** turtlenecks or silk clothing, which could be stained by the ultrasound gel.
- You will be asked to remove any jewelry on the neck or head.
- Please do not wear makeup, perfume, or cologne.