

Neurology Center of Fairfax
3020 Hamaker Court, Suite 400
Fairfax VA 22031
703-876-0800

PLEASE GO TO THE RESTROOM PRIOR TO THIS PROCEDURE.

ELECTROMYOGRAPHY / NERVE CONDUCTION

PATIENT INSTRUCTIONS

PRINT PATIENT NAME: _____ **Date of Birth:** _____

Electromyography (EMG) and Nerve Conduction Studies (NCS) are utilized to help evaluate disorders of the nerves and muscles.

Nerve Conduction Studies (NCS)

This test shows how well the body's electrical signals travel along the nerve pathway. This is done by applying a mild electrical shock over the nerve and recording how the nerve (sensory nerve) or muscle (motor nerve) reacts to the stimulus. These shocks cause a quick, mild, tingling sensation. Nerve conduction studies stimulate, but do not injure the nerves. It is normal to have some tingling sensations that may persist after the test.

Electromyography (EMG)

For this part of the test, a recording electrode (thin disposable needle) is inserted into several muscles in order to evaluate muscle function. A new disposable needle electrode is used for each patient. There may be a small amount of discomfort when the needle is inserted. The doctor will look and listen to the electrical signals recorded by the EMG machine. He/she then interprets these signals.

The complete test (NCS and EMG) lasts 40 – 60 minutes. You may return to your normal activities after the test.

Some bruising or aching sensations may persist at the sites of needle insertion after the test.

Preparation for the Test

You must take a bath or shower prior to the appointment in order to remove oil from your skin. **DO NOT** use body lotion or powder on the day of the test. Please bring or wear a loose fitting short sleeve shirt and a pair of loose fitting shorts for the test.

IMPORTANT:

1. Tell the doctor
 - (a) if you have a *PACEMAKER* or *DEFIBRILLATOR*
 - (b) if you are taking aspirin or blood thinners (like Coumadin, Heparin, Aggrenox, Pradaxa or Plavix), or if you have hemophilia or other bleeding problems.
2. Please call 703-876-0800 for our answering service and ask to be connected to the office if you have an 8:00 a.m. appointment and you are running late or are unable to keep your appointment on the day of the test.

I have read and understand the risks and benefits of the scheduled Electromyography and Nerve Conduction Studies, which may include inserting a thin disposable needle into my muscle and applying mild shocks to my nerves. I understand bruising and discomfort at the site of needle insertion may occur.

Signed: _____ **Date:** _____

Please do not bring children to testing appointments.
A \$75.00 fee is charged for all appointments missed or not cancelled 24 hours in advance.

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