

Questions and Answers About...

Instructions for EMG & Nerve Conduction Studies

Before Your Test:

Prepare for your rest as instructed. Shower or bathe but don't use powder, oil or lotion. Your skin should be clean and free of excess oil. You will be asked to change into a hospital gown. The entire test will take about one hour.

Let Your Doctor Know:

For your safety and for the success of your test, tell your doctor if you:

- Have bleeding problems
- Take any blood thinners (anticoagulants) or other medications, including aspirin
- Have an immune system problems
- Have had neck or back surgery

You will be asked questions about your overall health.

What Are These Tests?

Electromyography (EMG) and nerve conduction studies (NCS) are tests that measure muscle and nerve function. In most cases, both tests are performed. NCS is most often done first.

During NCS, mild electrical currents are applied to the skin on some parts of your body. This is done to see how quickly impulses travel between nerves. EMG assesses muscle function. To do this a fine needle is placed under your skin into the muscle being tested. This is repeated on other muscles. The needle allows the electrical activity in your muscles to be measured. No electrical currents are applied with the needle.

During each test wavy lines appear on a screen or on paper. These lines show how well your nerves and muscles work. These lines help to determine your results.

What If I Have Questions Before the Procedures?

For scheduling questions, call **(513) 423-1399**.

For questions about your procedures, call **(513) 423-1399**.

Thank You,
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