

ELECTRODIAGNOSTICS TESTING AIDS IN THE EVALUATION OF:

- Numbness, Pain, Tingling and Burning Sensation in Extremities
- Diabetic Neuropathy
- Other Peripheral Neuropathies
- Carpal Tunnel Syndrome
- Tarsal Tunnel Syndrome
- Other Entrapment Syndromes
- Traumatic Nerve Injury
- Cervical & Lumbar Radiculopathy
- Sciatica & Intermittent Leg Pain

11601 Wilshire Blvd., Ste.500
Los Angeles CA 90025
T 877.408.2488 F 866.776.6641
www.FidelisDiagnostics.com

**Please call to schedule an appointment
for the Electrodiagnostic test
your doctor ordered!
877-408-2488 (M-F 10am-4pm)**

Date: _____

Time: _____

Location: Your Doctor's Office

- Please refrain from using any lotions or oils on the day of your test to insure that your test will be a success.
- This appointment has been reserved for you, if you need to re-schedule please call the number listed above as soon as possible.

** please arrive 10 minutes early for your appointment*

www.FidelisDiagnostics.com



FIDELIS DIAGNOSTICS
DIAGNOSTICS YOU CAN TRUST

**PAIN...
TINGLING...
OR NUMBNESS?
IF SO
TELL YOUR
DOCTOR!**



**YOU MAY NEED AN
ELECTRODIAGNOSTIC
TEST FROM FIDELIS**

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What is Electrodiagnostics?

The Term “Electrodiagnostic testing” includes the EMG (Electromyography) and the NCS (Nerve Conduction Study). Many clinical problems involving nerves or muscles require electrodiagnostics testing to provide vital information regarding their function.

EMG- (Electromyography) is a diagnostic study that is used to record the electrical activity of muscles and provide information about the function of the muscles in your body. An EMG is often performed when patients have an unexplained muscle weakness. The EMG helps to distinguish between muscle conditions in which the problem begins in the muscle weakness due to nerve disorders.

NCS - (Nerve Conduction Study) is a non-invasive test performed to evaluate the integrity and function of the peripheral nervous system in your arms and legs. The study measures the speed of conduction of an electrical impulse along the length of a nerve as well as the strength of the nerve signal. NCS can determine whether or not there is nerve damage and the type and extent of damage present. Damage to the nerves may be caused by entrapment (Carpal Tunnel Syndrome) or in the course of a chronic disease (for example - Diabetes).

How is the test performed?

During the test the examiner actually sees and hears how your muscles and nerves are working, using a specialized computer. In many cases the examination will include areas away from where you are having symptoms because nerves can be very long. During the NCS, the nerve is electrically stimulated with surface electrode patches attached to the skin. One electrode stimulates the nerve with a very mild electrical impulse and the other electrode records it. This is repeated for each nerve being tested. During the EMG, the electrical activity is detected by a minute needle (which serves as an electrode). The activity is displayed visually on an oscilloscope and may also be detected audibly with a speaker.

How will the test feel?

You will feel a very light tingling as the nerve is being stimulated. You should feel no pain once the test is completed.

Why do I need this test?

In order to provide you with the best treatment, it is important to first arrive at the most specific diagnosis. Qualifying and quantifying nerve and/or muscle damage is essential when evaluating a diagnosis and considering treatment. The EMG/NCS is unique in its ability to detect abnormalities of the peripheral nerves and muscles and provide information regarding the location and extent of damage. These tests are vital in diagnosing localized nerve damage caused by pressure (Carpal Tunnel, Tarsal Tunnel) or trauma as well as generalized neuropathy, radiculopathies and muscle diseases.



How do I prepare for the test?

- Notify Fidelis if you have a pacemaker.
- Wear loose fitting clothes.
- Be advised that jewelry and watches should be removed prior to the test.
- Do not apply any lotion, cream or oil to the body. This will ensure proper electrode adhesion and correct test recording.
- If you are taking medication, make sure you take it as usual.

Results of your test...

The test will be interpreted by a board certified Neurologist or a Physiatrist. The results will be sent to your doctor within five working days. Please make sure that you have a follow up appointment with your doctor to discuss the test results.

If you have any further questions about ELECTRODIAGNOSTIC testing or feel you may need a test, please make an appointment with your doctor today.



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