

NERVE CONDUCTION STUDY and EMG

What is Nerve Conduction Study?

A nerve conduction study is a test to check how your nerves are working.

How is the test performed?

Small electrodes are placed on the skin. A tiny electrical impulse is sent through your nerve and the responses are recorded. The test is then repeated on other nerves.

How will the test feel?

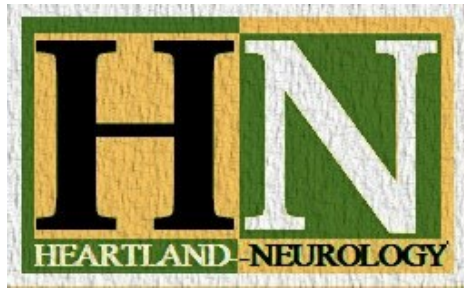
You may experience a tingling or tapping sensation similar to a static shock. A small muscle twitch can be seen.

What are the risks?

There are essentially no risks involved with a nerve conduction study.



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What is EMG?

An EMG (electromyography) is done by gently inserting a tiny needle electrode through the skin into each muscle tested. The sensitive needle electrode detects the electrical activity of the muscle and this activity is displayed on a screen as well as heard through a speaker. The muscle is tested at rest as well as when it contracts.

Does the test hurt?

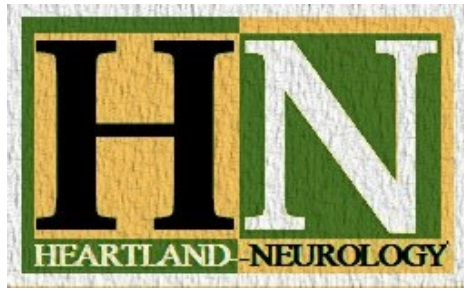
A temporary discomfort is felt with EMG, similar to one noted during a blood draw or intramuscular injection. However there is no blood drawn or medicine injected during this test.

What are the risks?

There may be some bleeding at the insertion sites.



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How do I prepare for the test?

Avoid using skin lotions or creams on the testing day.

How long will the tests take?

45-60 minutes in most cases.

Should I stop taking my medication/tablets before the test ?

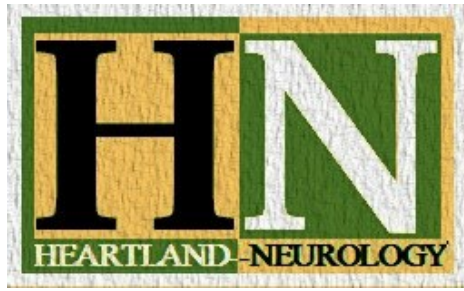
Do not stop taking any of your medication unless you have been told to do so by your health-care provider.

What if I have an special situation?

Patients who have a cardiac pacemaker, implantable defibrillator device, TENS unit, a bleeding disorder, a skin infection, or are on blood thinners such as warfarin should alert the office prior to the study. Patients who are taking *mestinon* (pyridostigmine) should also inform the examiner before taking the test.



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When would the test result be ready?

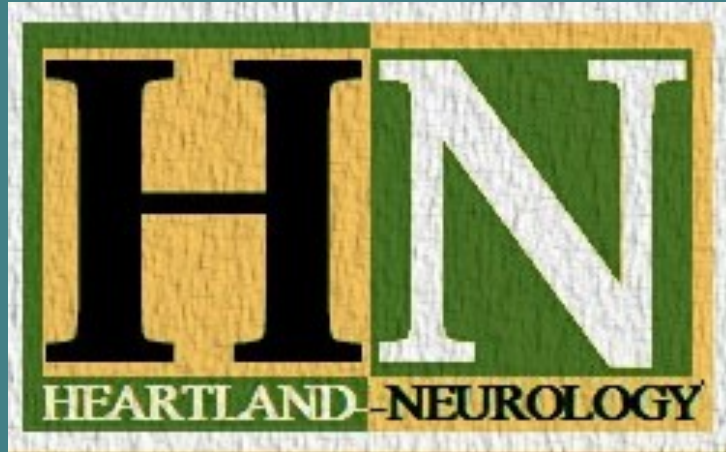
In most cases the results are immediately available and discussed with the patient. A report is generated and sent to the referring physician within a day or two. In some cases an extensive analysis is required and cannot be immediately reported to the patient.

Who performs the test?

Dr. Iqbal Khan performs these tests in his office. The test can be done at any of the three office locations - Columbia, Moberly or Macon. The test can be scheduled at a location that is convenient to you. For further details visit the website below or scan the QR code using your smartphone.



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