



EMG/NCS (*Electromyography/Nerve Conduction Study*)

An **EMG/NCS (*Electromyography/Nerve Conduction Study*)** test is composed of two parts, the NCS first then the EMG. This test is used in the diagnostic work up of numbness, tingling, or pain in the limbs such as the hands and feet, to help assess for certain disease processes. This test is also helpful in the work of neck pain and lower back pain.

The NCV consists of setting up a simple sensor on the skin and then simulating certain nerves to see if the nerves work well. The EMG needle exam consists of using a small needle to listen to muscle activity. The small needle simply listens to the muscle activity and **nothing** is injected into the muscle and no blood is drawn out.

Preparing for your EMG/NCS:

- Make sure you have clean, dry skin
- **No** lotions or creams (tape for the procedure has to stick to skin)
- If the study is on your arms, wear a comfortable, loose shirt that can be easily pulled up to the shoulder
- If the study is on your legs, wear comfortable, loose pants (like sweatpants) or shorts that can easily be pulled up to the thigh. No tight clothing such as leggings.
- There is no need to fast or stop taking medications for this procedure
- This test will take a little over 1 hour to perform.

I understand what is expected of me in preparation for and during the EMG/NCS test.

Patient Name

Date

Patient Signature