

Nerve Conduction Study/ Electromyogram (NCS/EMG)

At your doctor's request, a nerve conduction study and electromyogram has been scheduled to assist in diagnosing your condition. Nerve conduction studies are tests to determine how fast (and thus how well) the nerves which control your muscles and sensations are working. A NCS/EMG shows the electrical activity in your voluntary muscles by inserting a small needle. These examinations generally take approximately one hour to complete.

IMPORTANT PREPARATION: Please **DO NOT** use any hand cream or body lotion for 24 hours before these tests. Creams and lotions may interfere with these tests.

For the tests, electrodes (small electrical sensors) are taped to your hand or foot. A mild electrical stimulus will be applied to the nerve supplying the body part. Shortly after the nerve conduction study, a small needle will be placed into the muscle(s) to be tested and you will be asked to rest or move the muscle being tested.

Once the tests are completed, a copy of the result will be sent to the referring physician.

UPPER NCS/EMG – Wear short sleeves

LOWER NCS/EMG – Wear or bring shorts