



Waukesha County's Neurology & Sleep Solutions

262-522-3070

Pewaukee, Mukwonago & Delafield



Neurological Education - EMG and NCS Testing

EMG and NCS testing procedures are commonly used at Neurological Wellness Clinic. Dr. Jochims' staff will help coordinate and follow up on any tests ordered.

You're encouraged to take an active part and have a voice in your health care plan. Should you have any questions or concerns regarding your health care results, Dr. Jochims and the Neurological Wellness team will help you to better understand your test results.

EMG /NCS are electro-diagnostic tests of muscle and nerve physiology.

EMG (Electromyography) evaluates muscle function. A small, thin, specially coated needle is inserted gently through the skin and into the muscle. This test is performed on a number of different muscles. Electrical activity within the muscles is individually recorded.

NCS (Nerve Conduction Study) evaluates the speed at which impulses travel between nerves. Mild electrical currents are applied to the skin through disposable, self-sticking electrodes in specific areas. Muscles will twitch when current is applied, but this isn't harmful.

Each test produces various waveforms that Dr. Jochims evaluates to determine the health of your muscles and nerves. Dr. Jochims will communicate these findings to both you and your referring doctor.

Results will be available approximately 2 to 3 days after the tests.

EMG Testing

Electromyography (EMG) and Nerve Conduction Study (NCS) are electro-diagnostic tests of muscle and nerve physiology.

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Dr. Sean A. Jochims offers care in sleep medicine, sleep disorders, sleep apnea, CPAP machines, CPAP masks, CPAP supplies, EMG and EEG testing, spine disease (including neck / back pain and radiculopathy), muscle / nerve disease, nerve conduction studies (including carpal tunnel syndrome and neuropathies), headaches, epilepsy and movement disorders (including Parkinson's disease, tremors and Botox treatment).
