

# Gobinder S. Chopra, M.D.

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NCV Scheduled on: \_\_\_\_\_ @ \_\_\_\_\_ EMG Scheduled on: \_\_\_\_\_ @ \_\_\_\_\_

## **Electromyography (EMG) and Nerve Conduction Velocity (NCV)**

Electrical currents in your organs and tissue control many of your bodily functions. Nerve Conduction Velocity (NCV) and Electromyography (EMG) tests record these electrical currents, helping Physicians diagnose nerve and muscle problems. The NCV, which measures the speed at which your nerves carry electrical signals, will be performed with the EMG, which analyzes the nerve impulses within certain muscles.

### **How to Prepare (NO CHILDREN PLEASE)**

***Please arrive on time. If you are more than 10 minutes late you will be rescheduled.***

\*Please do not apply lotions/oils to your skin on the day of your exam. But please apply deodorant.

\*You may eat, drink and remain active as usual right up to the time of your appointment.

\*If you are a smoker we ask that you refrain from smoking until after testing.

**Please notify the Dr., or the tech performing the test, immediately if you are taking any blood-thinning medications such as Coumadin, Warfarin or Lovenox. Your dosage may need to be adjusted prior to scheduling the NCV and EMG.**

**ONLY YOUR PCP (OR DOCTOR WHO PRESCRIBED IT)  
CAN ADJUST/STOP YOUR MEDICATION FOR THIS TEST. CALL THEM TODAY!!**

### **What to Expect**

Once you are settled into your room, you may be asked to disrobe and put on a hospital gown and shorts for this examination. The EMG portion is performed by Dr. Chopra. He will gently insert a thin, sterile needle electrode into each muscle to be studied. You may experience a brief, sharp pain each time a needle is inserted. A fine wire that leads from each needle to a computerized instrument will measure the nerve impulses. Doctor may ask you to move into different positions so that he can evaluate how specific muscles respond.

The NCV portion is performed by one of our Technicians. He or She will attach small electrodes to your skin along each nerve to be tested. They will also use a small instrument that will send an electrical current under the electrodes along the nerve, creating a mild shock. You will experience minor discomfort for only a few seconds. Computerized equipment will record how quickly the current passes between the electrodes.

The NCV takes approximately 60 minutes and EMG takes approximately 20 minutes to complete, depending on how many of your nerves and muscles are tested. You may experience some soreness for a few hours after the exams.

### **Aftercare**

Feel free to resume your normal activities upon completion of test. The results are usually available within one week. You must schedule a follow up appointment for these results.

**REMINDER: ALL RESCHEDULING OR CANCELLATION MUST BE MADE AT LEAST 72 HOURS IN ADVANCE FOR ALL TESTINGS. THERE WILL BE A \$50 CHARGE FOR NO SHOW OR LAST MINUTE CANCELLATION.**

**PLEASE ARRIVE 15 MINUTES PRIOR TO YOUR APPOINTMENT TIME.**