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## **Nerve Conduction Studies (NCS) and Electromyography (EMG)**

You have been scheduled for an EMG/nerve conduction test. The purpose of this test is to evaluate the symptoms you are experiencing in your arm(s) and/or leg(s). These symptoms might include numbness, tingling, pain, weakness, or muscle cramping. The test has 2 parts:

### **Part 1: Nerve Conduction Studies (NCS)**

This takes approximately 15-30 minutes to perform. Small electrodes will be taped to your skin or placed around your fingers. Small electrical shocks are then applied to your arm or leg to evaluate nerve function. You may experience a mild and brief tingling or shock. This sensation is usually very tolerable.

### **Part 2: Electromyography (EMG)**

This typically lasts 15 to 20 minutes. Small needles are inserted into selected muscles in your arm(s) and/or leg(s). The electrical activity of each muscle is then recorded. Analyzing the electrical activity of each muscle helps determine a diagnosis for your condition. You may experience mild discomfort when the muscles are stimulated. Most people tolerate this very well.

### **Risks**

Disposable sterile needles are used minimizing the risk of infection. The risk of bleeding and bruising is increased if you take blood thinners such as Coumadin (warfarin) or Plavix (clopidogrel). It is important to inform Dr. Faubel if you are taking these medications.

### **Preparation**

It is important for the accuracy of the test that you shower and do NOT apply any lotions on the day of your test. Upon arrival your hands may be warmed in warm/hot water first.

### **After the Procedure**

There are no activity restrictions after the test. Some people may have minor aches and pains from the testing which can be treated with ice, Tylenol, or ibuprofen.

### **Results**

The test results will be sent to your doctor who will discuss the results with you.

### **Financial Responsibility**

Your insurance company may require you to make partial payment for this study. Our financial department staff will assist you in determining your responsibility ahead of time.