

## Electromyography Patient Information Guide

### What is Electromyography Testing

The University Hospitals Case Medical Center and satellite Electromyography (EMG) Labs provide high-quality, state-of-the-art electrodiagnostic testing to patients with suspected entrapment neuropathies, radiculopathies, peripheral neuropathies and other neuromuscular disorders.

### Description of Testing

EMG testing is a diagnostic examination of the peripheral nervous system, which includes nerve and muscle functions. The EMG test includes nerve conduction studies and muscle needle examination. The nerve conduction studies are performed by placing electrodes on the skin, over certain nerves and muscles, and recording the responses when electrical impulses are applied to the nerve. The muscle needle examination involves direct recording of muscle activity at rest and during contraction by inserting a small needle electrode into various muscles.

### Referrals

All EMG patients need a physician referral to obtain testing. The referring physician should complete the UH Electromyography requisition. Occasionally, the patient may have to obtain precertification from his or her medical insurance company before testing can be scheduled. The patient's medical insurance information will be taken at the time the appointment is made.

### Preparation

At the time of an EMG appointment, the patient's skin should be clean without lotions, oils or creams. No special preparation is required. The patient can take all medications as prescribed by his or her referring physician. However, if the patient is on Coumadin, Mestinon or Botox, please notify us and your referring physician at the time the appointment is made. There are no aftereffects of the EMG test and the patient can return to his or her usual activities immediately upon leaving the laboratory.

### Results

It is the EMG Lab's policy to handle all test results in a secure and confidential manner. All electromyography test results are sent to the UH Case Medical Center Department of Health Information Services to be included in the patient's medical record. In addition, a copy of the test results are mailed and/or faxed directly to the referring physician. The referring physician is responsible for explaining the test results to the patient. Most test results are available within one to two days of testing. Additional copies of all EMG reports, with proper patient authorization, may be obtained in the Department of Health Information Services at 844-3555.

### Locations

EMG testing is available at the locations below. To schedule an appointment at any of our convenient locations, please call 216-844-1923.

Main EMG Lab:

**University Hospitals Case Medical Center  
Neurological Institute Neuromuscular Center**  
Bolwell 5th Floor  
11100 Euclid Avenue, Cleveland, OH 44106

Satellite EMG Labs:

**University Hospitals Chagrin Highlands  
Health Center**  
3909 Orange Place, #2000, Orange Village, OH 44122

**University Hospitals Westlake Health Center**  
960 Clague Road, #3120, Westlake, OH 44145

**University Hospitals University Suburban  
Health Center**  
1611 South Green Road, #300A, South Euclid, OH 44121

**University Hospitals Richmond Medical Center**  
First Floor  
27100 Chardon Road, Richmond Heights, OH 44143

**University Hospitals Bedford Medical Center**  
44 Blaine Avenue, B-100-83, Bedford, OH 44146