

## EMG / Nerve Conduction Studies — Bilateral Upper & Lower Extremities (2 studies)

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### STUDY 1 OF 2 · BILATERAL UPPER EXTREMITIES

#### EMG / Nerve Conduction Study — Upper Extremities

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**Sex:** Female  
**Height:** 5'4"  
**Weight:** not recorded  
**History:** Numbness.

#### NCV Findings

- Evaluation of the left median motor and the right median motor nerves showed prolonged distal onset latency (L 4.6, R 5.1 ms).
- The left median sensory and the right median sensory nerves showed prolonged distal peak latency (L 4.6, R 4.5 ms) and decreased conduction velocity (Wrist-2nd Dig, L 38, R 41 m/s).
- The left median/ulnar palm comparison and the right median/ulnar palm comparison nerves showed prolonged distal peak latency (L 2.8, R 2.7 ms).
- All remaining nerves (as indicated in the following table) were within normal limits.
- All left vs. right side differences were within normal limits.

#### EMG Findings

- All examined muscles (as indicated in the following table) showed no evidence of electrical instability.

#### Impression

**Abnormal study.** There is electrodiagnostic evidence of:

- Moderate right carpal tunnel syndrome
- Moderate left carpal tunnel syndrome

This is a 39-year old female with bilateral hand numbness. Examination reveals a normal strength, intact deep tendon reflexes. The EMG indicates a moderate right and left carpal tunnel syndrome. There is no acute cervical radiculopathy, no plexopathy, no peripheral neuropathy, or myopathy. Thank you for the referral.

## EMG / Nerve Conduction Study — Lower Extremities

**Sex:** Female  
**Height:** 5'4"  
**Weight:** not recorded  
**History:** Numbness.

### NCV Findings

- All nerve conduction studies (as indicated in the following tables) were within normal limits.
- All left vs. right side differences were within normal limits.

### EMG Findings

- All examined muscles (as indicated in the following table) showed no evidence of electrical instability.

### Impression

**Normal study.**

This is a 39 year old female with numbness in both feet. Examination reveals a good strength, reduced Achilles reflexes. The EMG indicates no large fiber peripheral neuropathy, no acute lumbosacral radiculopathy, no plexopathy, or myopathy. Thank you for the referral.