

John Smith, M.D.

Premier Neurology Clinic
100 Any Street
Sometown, MA 98765

Patient Name: Jane Doe
Patient ID: 1234
Birth Date: 11/14/1976

Office use: _____

Test Performed: 5/27/2009 08:07:51 AM EST
Data Stored: 5/27/2009 08:36:43 AM EST
Report Generated: 5/27/2009 08:40:05 AM EST

Treating Physician: _____
Study Technician: _____

Electrodiagnostic Study Methodology:

Nerve conduction study performed using equipment with the following technical specifications. Constant current stimulator (duration 100-500 usec, magnitude 0-100 mAmp, compliance >420 volt). Amplifier (two channels, common mode rejection >90 dB, noise < 2 uV rms, gain to X100,000, filter high pass 14/175 Hz for motor and sensory recordings respectively, filter low pass 7 kHz, sampling rate 20 kHz). Nerve conduction response waveforms and cursors displayed and edited, as required, in real-time. Nerve conduction response parameters including latency, conduction velocity, amplitude, and waveform configuration displayed on LCD in real-time.

Needle electromyography study performed using equipment with the following technical specifications. Amplifier (one channel, common mode rejection >90 dB, noise < 2.5 uV rms, gain to X10,000, filter high pass 2/16 Hz selectable, filter low pass 5 kHz, sampling rate 10 kHz). Loudspeaker (3.2 W, filter 4 pole low pass at 1.5 kHz). Electromyography traces displayed on LCD in real-time.

Nerve Conduction Tests:

| Test | Left | | Right | |
|--|-----------------|------|-----------------|------|
| | Distance | Temp | Distance | Temp |
| Median Palm▶ Wrist Wrist▶ APB Wrist▶ D1 Other▶ APB | | | 70.0 mm | na* |
| | | | 130.0 mm | na* |
| | | | to Wrist 270 mm | na* |
| Ulnar Palm▶ Wrist Wrist▶ ADM Wrist▶ ADM AE▶ ADM | | | 70.0 mm | na* |
| | | | | na |
| | | | | na* |
| | | | to Wrist 290 mm | na* |
| Peroneal Ankle▶ EDB Ankle▶ EDB FH▶ EDB Other▶ EDB Other▶ EDB | | na | | na* |
| | | na* | | |
| | | | to Ankle 420 mm | na* |
| | to Ankle 420 mm | na | | |
| | | na* | | |
| Tibial Ankle▶ AH PF▶ Gastro. Other▶ AH Other▶ Gastro. | | na* | | na* |
| | to Ankle 400 mm | na* | | |
| | | | to PF 400 mm | na* |

Footnote:

* Measurement results are in the table below.

NCS/EMG Report

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Nerve Conduction Results:

| Test | Left | | | Right | | | Normal Limit♦ |
|---|--------------------------------|-----------------------|---|--------------------------------|-----------------------|---|---------------|
| | Result | Outside Normal Limits | % | Result | Outside Normal Limits | % | |
| Median Wrist▶APB Motor Latency CMAP Amplitude CMAP Duration | | | | 6.64 1.74 5.25 | X | | ≤4.50 |
| Median Palm▶Wrist Sensory Latency (onset) Sensory Latency (peak) SNAP Amplitude (pk-pk) CV (onset) | | | | 1.27 2.15 40.24 55.14 | | | ≤2.30 |
| Median Wrist▶D1 Sensory Latency (onset) Sensory Latency (peak) SNAP Amplitude (pk-pk) CV (onset) | | | | 2.93 4.00 36.53 44.37 | X | | ≤3.60 |
| Ulnar Wrist▶ADM Motor Latency CMAP Amplitude CMAP Duration | | | | 4.39 2.00 6.11 | | | ≤4.50 |
| Ulnar AE▶ADM Motor Latency CMAP Amplitude CMAP Duration CV (onset) | | | | 10.74 5.21 5.98 45.69 | | | |
| Ulnar Palm▶Wrist Sensory Latency (onset) Sensory Latency (peak) SNAP Amplitude (pk-pk) CV (onset) | | | | 1.37 1.86 13.07 51.20 | | | ≤2.30 |
| Peroneal Ankle▶EDB Motor Latency CMAP Amplitude CMAP Duration | 7.81 0.20 6.08 | X | | 7.91 2.93 5.37 | X | | ≤6.00 |
| Peroneal FH▶EDB Motor Latency CMAP Amplitude CMAP Duration CV (onset) | | | | 19.92 2.52 6.58 34.97 | | | |
| Peroneal Other▶EDB Motor Latency CMAP Amplitude CMAP Duration CV (onset) | 21.29 1.24 5.53 31.17 | | | | | | |
| Tibial Ankle▶AH Motor Latency CMAP Amplitude CMAP Duration | 9.18 1.94 6.07 | X | | | | | ≤4.50 |
| Tibial PF▶Gastro. Motor Latency CMAP Amplitude CMAP Duration | | | | 8.59 4.53 5.81 | | | |

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| Test | Left | | | Right | | | Normal Limit♦ |
|--|--------------------------------|-----------------------|---|--------------------------------|-----------------------|---|---------------|
| | Result | Outside Normal Limits | % | Result | Outside Normal Limits | % | |
| Tibial Other▶ AH Motor Latency CMAP Amplitude CMAP Duration CV (onset) | 20.80 1.58 5.68 34.42 | | | | | | |
| Tibial Other▶ Gastro. Motor Latency CMAP Amplitude CMAP Duration CV (onset) | | | | 21.09 1.44 4.67 32.00 | | | |
| Footnotes: ♦ Reference data source: Smith MD 3/09 | | | | | | | |

SUMMARY & FINDINGS:

CLINICAL CORRELATION:

Physician Signature

Date

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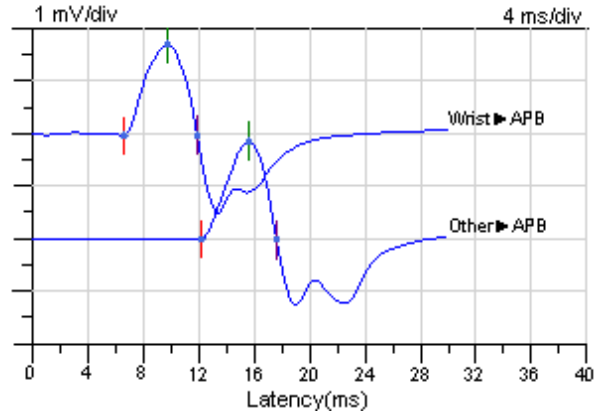
Birth Date: 11/14/1976

Nerve Conduction Waveforms:

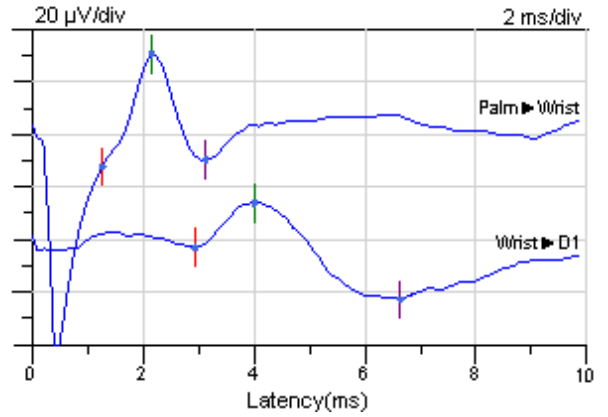
Left

Right

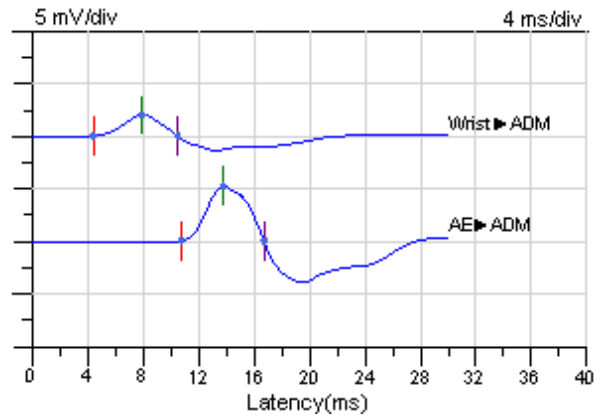
Median
Motor



Median
Sensory



Ulnar
Motor



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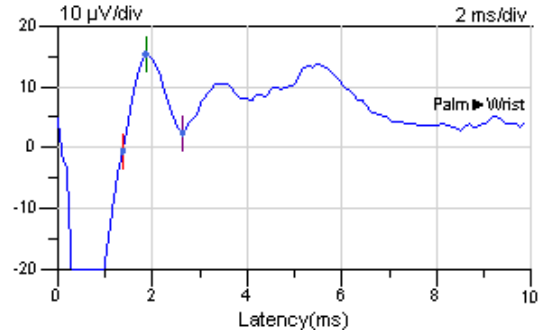
Birth Date: 11/14/1976

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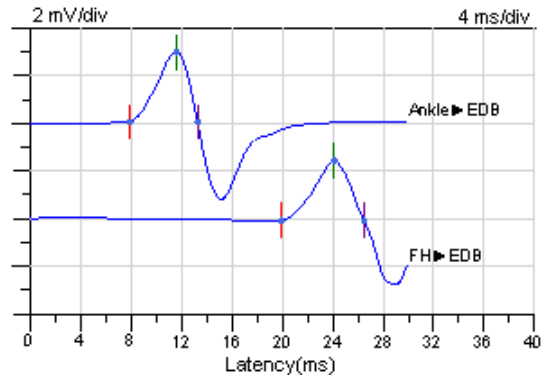
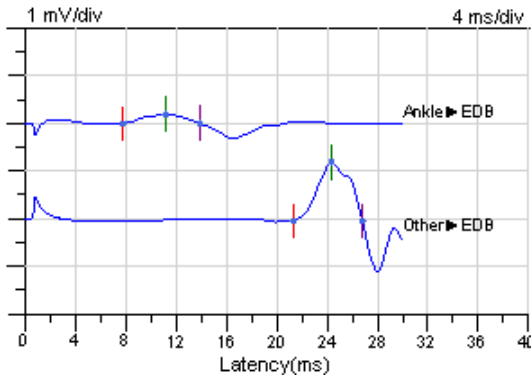
Left

Right

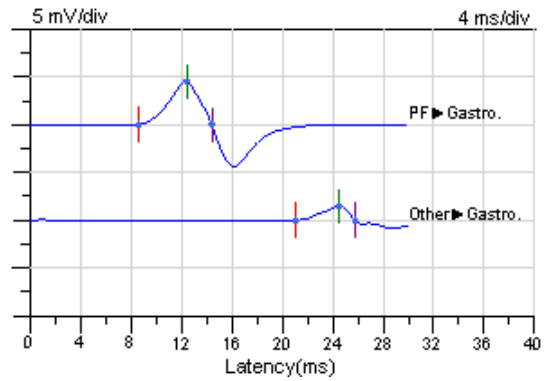
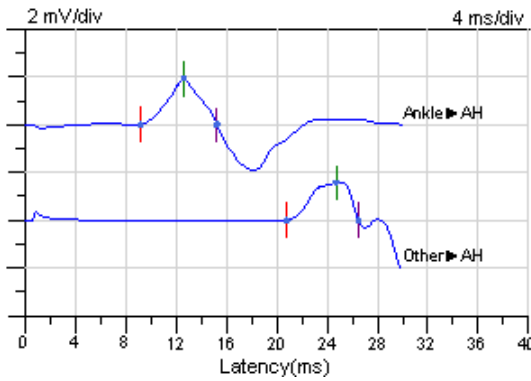
Ulnar
Sensory



Peroneal
Motor



Tibial
Motor



NCS/EMG Report

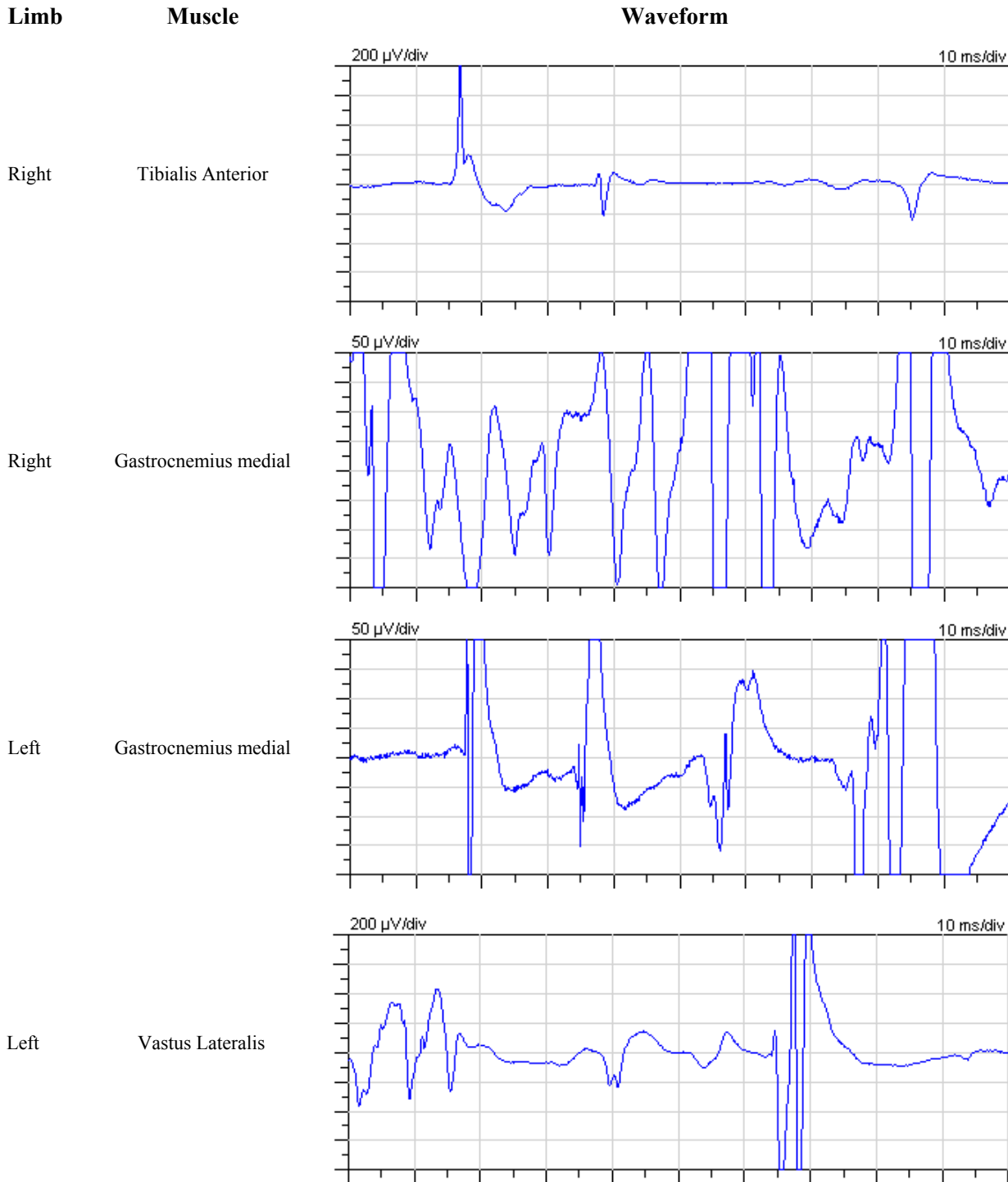
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EMG Waveforms:



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