

## Patient II.5

### Motor Nerve Conduction Studies

	Amp (mV)	Latency (ms)	CV (m/s)	M-Latency (ms)	F-Latency (ms)
<b>Peroneal (right)</b>					
EDB-Ankle	1.4	6.5			
Ankle-Fib head	1.3	16.9	34		
Fib head-Pop fossa	1.2	19.4	44		
<b>Tibial (right)</b>					
AH-Ankle	3.5	7.9			
Ankle-Popliteal fossa	2.8	17.6	45		
<b>Median (right)</b>					
APB-Wrist	8.7	4.2			
Wrist-Elbow	8.4	9.1	48		
<b>Ulnar (right)</b>					
ADM(manus)-Wrist	6.9	3.4			
Wrist-Below elbow	6.7	8.1	47		
B.elbow-A. elbow	6.1	10.5	46		

  

Nerve	M-Latency (ms)	F-Latency (ms)
Peroneal.R	6.5	77.4
Tibial.R	7.9	69.9
Median.R	4.2	34.7
Ulnar.R	3.4	35.2

### Sensory Nerve Conduction Studies

	Amp (µV)	Peak Lat (ms)	CV (m/s)
<b>Sural (right)</b>			
Ankle-Lower leg	6	4.1	42
<b>Median (right)</b>			
Digit II-Wrist	16	3.8	50
<b>Ulnar (right)</b>			
Little Finger-Wrist	4	3.7	40
<b>Radial (right)</b>			
Snuff box-Forearm	12	2.4	53

Muscle	Insertional	Spontaneous Activity			Ictonal Activity				Max Volitional Activity		
	Insertional	Fibs	+Wave	Fasc	Duration	Amplitude	Poly	Config	Recruitment	Pattern	Effort
Vastus lateralis.R	Normal	None	None	None	Decr.	Normal	None	Normal	Normal	Full	Max.
Biceps brachii.R	Normal	None	None	None	Decr.	Normal	None	Normal	Early	Full	Max.
1st dorsal interosseus.R	Normal	None	None	None	Sl. Incr.	Normal	None	Normal	Normal	Full	Max.
Iliopsoas.R	Normal	None	None	None	Normal	Sl. Incr.	None	Normal	Reduced	Full	Max.
Tibialis anterior.R	Normal	None	None	None	Sl. Incr.	Normal	None	Normal	Reduced	Full	Max.
Gastrocnemius.R	Normal	3+	3+	None	Normal	Normal	Few	Normal	Reduced	Full	Max.

## Patient II.2

### Motor Nerve Conduction Studies

	Amp (mV)	Latency (ms)	CV (m/s)	M-Latency (ms)	F-Latency (ms)
<b>Peroneal (right)</b>					
EDB-Ankle	0.6	6.2			
Ankle-Fib head	0.4	16.4	31		
Fib head-Pop fossa	0.4	19	27		
<b>Tibial (right)</b>					
AH-Ankle	0.3	6.2			
Ankle-Popliteal fossa	0.3	17.9	34		
<b>Median (right)</b>					
APB-Wrist	6.9	6.3			
Wrist-Elbow	6.1	11.6	42		
<b>Ulnar (right)</b>					
ADM(manus)-Wrist	5.7	3.8			
Wrist-Below elbow	4.1	8.7	45		
B.elbow-A. elbow	4.1	11.7	33		

  

Nerve	M-Latency (ms)	F-Latency (ms)
Peroneal.R	9.4	75
Tibial.R	6.2	65.5
Median.R	6.3	37.8
Ulnar.R	3.8	35.8

### Sensory Nerve Conduction Studies

	Amp (µV)	Peak Lat (ms)	CV (m/s)
<b>Sural (right)</b>			
Ankle-Lower leg	4	4.8	35
<b>Median (right)</b>			
Digit II-Wrist	8	5.6	30
<b>Ulnar (right)</b>			
Little Finger-Wrist	10	4.1	38
<b>Radial (right)</b>			
Snuff box-Forearm	5	2.8	45

Muscle	Insertional	Spontaneous Activity			Ictonal Activity				Max Volitional Activity		
	Insertional	Fibs	+Wave	Fasc	Duration	Amplitude	Poly	Config	Recruitment	Pattern	Effort
Tibialis posterior.L	Reduced	None	None	None	Sl. Incr.	Sl. Incr.	None	Normal	Reduced	Reduc ed	Max.
Rectus femoris.L	Normal	None	None	None	Decr.	Sl. Incr.	Few	Normal	Early	Reduc ed	Max.
Biceps brachii.L	Normal	None	None	None	Mix	Sl. Incr.	Few	Normal	Reduced	Reduc ed	Max.
1st dorsal interosseus.L	Normal	None	None	None	Sl. Incr.	Sl. Incr.	None	Normal	Reduced	Reduc ed	Max.
Tibialis anterior.R	Normal	None	2+	None	Normal	Normal	None	Normal	Bursts of motor units with root irritation		