

Motor Nerve Conduction: Tibial Right

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	6.0	15.6	Abductor hallucis - Ankle	6.0	70	
Popliteal fossa	13.8	13.1	Ankle - Popliteal fossa	7.8	390	50

Motor Nerve Conduction: Peroneal Right

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	4.6	6.2	Extensor digitorum brevis - Ankle	4.6	70	
Fibula (head)	11.9	6.1	Ankle - Fibula (head)	7.3	340	47
Popliteal fossa	13.8	5.8	Fibula (head) - Popliteal fossa	1.9	100	53

Motor Nerve Conduction: Tibial Left

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	4.5	13.7	Abductor hallucis - Ankle	4.5	80	
Popliteal fossa	14.0	11.8	Ankle - Popliteal fossa	9.5	400	42

Motor Nerve Conduction: Peroneal Left

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	5.8	4.0	Extensor digitorum brevis - Ankle	5.8	70	
Fibula (head)	13.4	3.9	Ankle - Fibula (head)	7.6	340	45
Popliteal fossa	15.1	3.7	Fibula (head) - Popliteal fossa	1.7	100	59

Motor Nerve Conduction: Ulnar Right

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Wrist	2.1	10.5	Abductor Digiti minimi (manus) - Wrist	2.1	60	
Below elbow	5.6	8.6	Wrist - Below elbow	3.5	230	65
Above elbow	7.2	8.5	Below elbow - Above elbow	1.6	100	63

Motor Nerve Conduction: Median Right

Nerve & Site	Latency (ms)	Amplitude (mV)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Wrist	1.7	12		ms	mm	m/s
Elbow	6.2	10.6	Wrist - Elbow	4.5	230	51

Sensory Nerve Conduction: Sural Right

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu$ V)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Lower Leg	3.0	3.8	21	Ankle - Lower Leg	3.0	140	47

Sensory Nerve Conduction: Sural Left

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu$ V)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Lower Leg	2.9	4.0	19	Ankle - Lower Leg	2.9	140	48

Sensory Nerve Conduction: Superficial Peroneal Right

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu$ V)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	1.8	2.7	14	Dorsum foot - Ankle	1.8	110	61

Sensory Nerve Conduction: Superficial Peroneal Left

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu$ V)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Ankle	1.8	2.7	17	Dorsum foot - Ankle	1.8	120	65

Sensory Nerve Conduction: Radial Right

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu$ V)	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Forearm	0.6	1.6	34	Snuff Box - Forearm	0.6	100	63

Sensory Nerve Conduction: Ulnar Right

Nerve & Site	Onset Latency (ms)	Peak Latency (ms)	Amplitude ( $\mu V$ )	Segment	Latency Difference (ms)	Distance (mm)	Conduction Velocity (m/s)
Wrist	1.9	2.7	42	Digit V - Wrist	1.9	120	63

F-Wave Studies

Nerve	M-Latency	F-Latency
Peroneal Right	13.8	43.2
Tibial Right	13.8	56.3
Peroneal Left	15.1	52
Tibial Left	14.0	54.5
Ulnar Right	7.2	27.2