

Nerve Conduction Studies**Anti Sensory Summary Table**

Site	NR	Peak (ms)	Norm Peak (ms)	O-P* Amp (μ V)	Norm O-P Amp	Site1	Site2	Delta-P (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
Left Median Anti Sensory (3rd Digit)											
Palm	NR		<2.2		>10	Palm	3rd Digit		7.0		
Left Sup Peron Anti Sensory (Ant Lat Mall)											
14 cm	NR		<4.2		>2.0	14 cm	Ant Lat Mall		14.0		
Left Sural Anti Sensory (Lat Mall)											
Calf	NR		<4.2		>5.0	Calf	Lat Mall		12.0		
Right Sural Anti Sensory (Lat Mall)											
Calf	NR		<4.2		>5.0	Calf	Lat Mall		12.0		

Motor Summary Table

Site	NR	Onset (ms)	Norm Onset (ms)	O-P* Amp (mV)	Norm O-P Amp	Neg Dur (ms)	Site1	Site2	Delta-0 (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
Left Median Motor (Abd Poll Brev) *Conduction block across the wrist												
Wrist 8cm	NR*		<4.2		>2.8							>50
Palm		3.4		2.0		2.81	Wrist 8cm	Palm		5.0		>29
Left Peroneal Motor (Ext Dig Brev)												
Ankle 8cm		5.3	<6.2	0.6	>0.700	4.38	B Fib	Ankle 8cm	9.1	29.0	32	>38
B Fib		14.4		0.7		4.38	Poplt	B Fib	2.0	10.0	50	>39
Poplt		16.4		0.7		4.69						
Left Tibial Motor (Abd Hall Brev)												
Ankle 8cm		4.7	<6.1	0.8	>2.8	3.91	Knee	Ankle 8cm	12.6	38.5	31	>38
Knee		17.3		0.8		3.44						
Right Tibial Motor (Abd Hall Brev)												
Ankle 8cm		5.5	<6.1	0.6	>2.8	3.75	Knee	Ankle 8cm	12.3	38.5	31	>38
Knee		17.8		0.3		10.31						
Left Ulnar Motor (Abd Dig Minimi)												
Wrist 8cm		3.6	<3.6	9.6	>4.2	4.69	B Elbow	Wrist 8cm	3.6	18.0	50	>49
B Elbow		7.2		7.5		5.16	A Elbow	B Elbow	2.6	10.0	38	>47
A Elbow		9.8		8.2		5.16						

F Wave Studies

NR	F-Lat (ms)	Lat Norm (ms)	L-R F-Lat (ms)	L-R Lat Norm
Left Peroneal (Mrkrs) (EDB)				
NR		<60		<2.0
Left Tibial (Mrkrs) (Abd Hallucis)				
	70.81	<61	1.05	<2.0
Right Tibial (Mrkrs) (Abd Hallucis)				
	69.76	<61	1.05	<2.0
Left Ulnar (Mrkrs) (Abd Dig Min)				
	25.62	<36		<2.0

H Reflex Studies

NR	H-Lat (ms)	Lat Norm (ms)	L-R H-Lat (ms)	L-R Lat Norm
Left Tibial (Gastroc) Responses are F-waves				
NR		<36		<2.0
Right Tibial (Gastroc)				
NR		<36		<2.0

Paraspinal EMG

Side	Muscle	Nerve	Root	Ins Act	Fibs	Psw	Other	Amp	Dur	Poly	Recrt	Int Pat	Comment
Left	Lower Thoracic	DPR	T10-12	Nml	Nml	Nml	Nml	NT'd	NT'd	NT'd	NT'd	NT'd	
Left	L5-S1	DPR	L5-S1	Nml	Nml	Nml	Nml	NT'd	NT'd	NT'd	NT'd	NT'd	
Right	L5-S1	DPR	L5-S1	Nml	Nml	Nml	Nml	NT'd	NT'd	NT'd	NT'd	NT'd	

EMG

Side	Muscle	Nerve	Root	Ins Act	Fibs	Psw	Other	Amp	Dur	Poly	Recrt	Int Pat	Comment
Left	IstDorInt	Ulnar	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	FlexCarRad	Median	C6-7	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	BrachioRad	Radial	C5-6	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	Triceps	Radial	C6-7-8	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	Deltoid	Axillary	C5-6	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	AntTibialis	Dp Br Peron	L4-5	Nml	Nml	Nml	Nml	Incr	>12ms	0	Nml	Nml	
Left	VastusMed	Femoral	L2-4	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	TensorFascLat	SupGluteal	L4-5, S1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	MedGastroc	Tibial	S1-2	Nml	Nml	Nml	Nml	Incr	>12ms	0	Nml	Nml	
Left	Peroneus Long	Sup Br Peron	L5-S1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	First Dors Int	Lat Plantar	S1-2	Decr	2+	2+	Nml	Incr	>12ms	0	Rapid	50%	
Right	First Dors Int	Lat Plantar	S1-2	Decr	2+	2+	Nml	Incr	>12ms	0	Rapid	50%	
Right	AntTibialis	Dp Br Peron	L4-5	Nml	Nml	Nml	Nml	Incr	>12ms	0	Nml	Nml	
Right	MedGastroc	Tibial	S1-2	Nml	Nml	Nml	Nml	Incr	>12ms	0	Nml	Nml	
Right	Peroneus Long	Sup Br Peron	L5-S1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	VastusMed	Femoral	L2-4	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	

Waveforms:



