

Nerve Conduction Study Parameter	Point 1	Point 2	Year of Nerve Conduction Study																		
			2002	2008	2008	2010	2011	2015	2015	2016	2016	2016	2017	2017	2018	2018	2020	2021	2021	2022	2025

DML (Distal Motor Latency) in milliseconds ms

Wrist	Wrist		3.2	3.1	4.45	3.5	3	3.4	3.7	3.8	3.4	3.6	3.7	3.1	3.7	3.4	3.4	3.8	3.8	4.2	4.0
Elbow	Elbow	Wrist		7.4		8.2	7.5	8.2	8.3	8.4	8	8.3	8.6	8.3	8.7	8.4	8	8.4	8.5	9.1	8.4
Axilla	Axilla	Elbow						10.2	9.7	10.2	9.8	9.8	10.4	10.2	10.2	9.9	9.9	10.1	10.5	10.8	9.9
Wrist	Wrist			2.50		2.90	2.70														
Below Elbow	Elbow	Wrist		6.20		7.20	6.80														
Above Elbow	A Elbow	B Elbow		7.80		9.10	8.50														
Ankle	Ankle		6.4	5		5.9	6.1	5.7	4.5	5.3	5.2	5.6	4	5	7.1	4.2	5.6	5.7	5.2	6.1	5.9
Ankle - outer	Bfib	Ankle		12		13.7	14.2	13.7	13.2	14.5	13.9	14.2	13.3	14.6	16.2	13.5	13.3	13.8	13.8	15.5	15.8
Fibular Bfib - below t	Poplt	BFib		14.4		16.5	17.3	16.5	15.6	16.6	15.9	16.1	15.3	16.6	18.3	16.1	14.9	15.5	15.6	17.3	18.1
Ankle - tibial	Ankle		4.1	3.3	4.7	3.8	3.9	4.7	4.5	4.5	4	5.1	4.1	4.5	4.7	4.1	4.9	4.5	4.2	5.9	5.5
Ankle - tibial	Knee	Ankle		13.8		13.9	14.5	15.4	14.3	14.8	14.5	15.5	15.1	15.6	16.3	15.2	14.9	15.2	15.1	16.8	17.3
Fibular - head knee	Poplt	Fib Head																			2.7

Sensory Latency in ms

Palm	Palm	Wrist	2.6	1.4		1.6	2.5	1.6	1.6	1.6	1.6	1.5	1.7	1.7	1.8	1.8	1.8	1.7	1.5	1.9	1.9
Calf NR	Calf	Lat Mall		2.1	4.6	2.7	2.2	3.6	3.8	3.6	3.8	3.8	3.7	3.7	N/R	N/R					N/R

CV (Conduction Velocity) in meters per second m/s

Wrist	Wrist																				
Elbow	Elbow	Wrist		54.7		50	53.8	52	54	52	54	54	53	50	48	48	51	52	52	50	50
Axilla	Axilla	Elbow						55	57	56	56	60	56	53	53	53	53	53	53	50	50
Wrist	Wrist																				
Below Elbow	Elbow	Wrist		62.20		54.70	56.10														
Above Elbow	AElbow	Belbow		62.50		52.60	58.80														
Ankle	Ankle																				
Ankle - outer	Bfib	Ankle		40.7		37.2	38.9	38	36	34	36	36	34	33	34	35	40	38	37	35	33
Fibular Bfib - below t	Poplt	BFib		41.7	36.9	35.7	32.3	36	37	38	40	42	40	40	38	37	44	41	42	39	33
Ankle - tibial	Ankle																				
Ankle - tibial	Knee	Ankle		40	39.4	39.6	39.6	38	39	37	38	40	39	39	34	36	40	37	37	38	35
Fibular - head knee	Poplt	Fib Head																			39

Sensory CV (Conduction Velocity) in meters per second m/s

Palm	Palm	Wrist		58	37.3	51.3	52	53	50	50	50	53	53	53	42	44	44	50	50	45	47
Calf NR	Calf	Lat Mall		47.6	32.6	37	45.5	39	37	36	36	34	36	38	N/R	N/R					N/R

CMAP Compound Muscle Action Potential Onset-to-Peak in millivolts mV

Wrist	Wrist		3.4	11.8		11.4	10.6	9.3	8.5	7.3	6.5	7.1	7.3	7.1	6.9	4.9	7.9	8.5	6.9	7	5.3
Elbow	Elbow	Wrist		11.6		10.8	10.4	8.7	7.7	6.8	5.9	6.5	7.1	7	6.1	4.9	7	7.9	6.4	6.5	5.1
Axilla	Axilla	Elbow						8	7.2	6.7	5.3	6.2	7.1	6.4	5.6	4.5	6.7	7.7	6.4	6.5	4.6
Wrist	Wrist			11.90		10.80	11.50														
Below Elbow	Elbow	Wrist		10.80		10.00	10.20														
Above Elbow	AElbow	Belbow		10.00		9.70	9.50														
Ankle	Ankle		3.2	5.7		2.7	2.9	2	2.6	1.5	1.9	2	2.1	2.3	2.2	1.8	1.6	1.9	2.1	1.8	1.3
Ankle - outer	Bfib	Ankle		5.2		2	1.9	1.7	2.1	1.2	1.5	1.8	1.3	1.4	1.4	1.2	1.2	1.7	1.6	1.2	1.1
Fibular Bfib - below t	Poplt	BFib		5.1		1.8	1.8	1.6	2.2	1.2	1.5	1.8	1.2	1.3	1.4	1.1	1.2	1.7	1.5	1.2	1.2
Ankle - tibial	Ankle		13.5	8.1	5.7	10	9.4	4.5	3.7	3	4.3	4	3.8	4.2	1.4	3.6	3.5	4.8	4.5	1.6	1.4
Ankle - tibial	Knee	Ankle		5		5.1	4.7	3.3	2.1	2	2.4	2	1.7	1.8	0.7	1.9	2	2.5	2.3	1.3	0.9
Fibular - head knee	Poplt	Fib Head																			4.2

SNAP Sensory Nerve Action Potential Onset-to-Peak in uV

Palm	Palm	Wrist				88.3	16.4	43.6	57.8	25	29.7	32.6	32.4	14.9	18.1	17.9	16.5	23.5	24.7	22.9	26.1
Calf NR	Calf	Lat Mall			3.7	6.4	11.3	3.1	2.6	2.4	1.7	2.7	2.5	2.7	N/R	N/R					N/R

F-Wave Studies Latency Results in milliseconds ms

Median Nerve Latency Prolongation in ms		23.9			25.7	30.6	31.09	31.89	29.55	30.24	31.65	30.9	30.13	30.49	29.61	29.67	30.74	30.9	32.1
Left Peroneal Latency Prolongation in ms		50.8		59.5	53	57.31	63.15	61.81	62.46	64.67	60.5	61.64	63.57	65.15	60.35	60.82	61.16	58.27	65.77
Left Tibial Latency Prolongation in ms		53.9		56.2	57.9	58.48	64.13	67.31	67.25	58.72	65.1	65.15	67.97	63.98	63.63	63.74	63.04	57.8	68.63