

**Parameter Change between Nerve Conduction Studies in Units and Percent**

**from Date of Clinic Discharge Dec 13, 2022**

Nerve Conduction Study Parameter	Final IgG	Next NCS	Next NCS	Now 2025
	Feb-18-2020 34 months	Jan-11-2021 23 months	Dec-14-2021 12 months	Dec-15-2025 36 months
<b>DML (Distal Motor Latency) onset in ms</b> <i>Increase = worse in milliseconds and percent</i>				
Wrist	0.8 24%	0.4 11%	0.4 11%	-0.2 -5%
Elbow	1.1 14%	0.7 8%	0.6 7%	-0.7 -8%
Axilla	0.9 9%	0.7 7%	0.3 3%	-0.9 -8%
Ankle	0.5 9%	0.4 7%	0.9 17%	-0.2 -3%
Ankle - outer	2.2 17%	1.7 12%	1.7 12%	0.3 2%
Fibular Bfib - below head kn	2.4 16%	1.8 12%	1.7 11%	0.8 5%
Ankle - tibial	1.0 20%	1.4 31%	1.7 40%	-0.4 -7%
Ankle - tibial	1.9 13%	1.6 11%	1.7 11%	0.5 3%
<b>Sensory Latency in ms</b> <i>Increase = worse in milliseconds and percent</i>				
Palm	0.1 6%	0.2 12%	0.4 27%	0.0 0%
<b>CV (Conduction Velocity) in m/s</b> <i>Decrease = worse in meters per second m/s</i>				
Elbow	-1.0 -2%	-2.0 -4%	-2.0 -4%	0.0 0%
Axilla	-3.0 -6%	-3.0 -6%	-3.0 -6%	0.0 0%
Ankle - outer	-5.0 -13%	-3.0 -8%	-2.0 -5%	-2.0 -6%
Fibular Bfib - below head kn	-5.0 -11%	-2.0 -5%	-3.0 -7%	-6.0 -15%
Ankle - tibial	-2.0 -5%	1.0 3%	1.0 3%	-3.0 -8%
<b>CMAP Compound Muscle Action Potential Onset-to-</b> <i>Decrease = worse in millivolts mV</i>				
Wrist	-0.9 -11%	-1.5 -18%	0.1 1%	-1.7 -24%
Elbow	-0.5 -7%	-1.4 -18%	0.1 2%	-1.4 -22%
Axilla	-0.2 -3%	-1.2 -16%	0.1 2%	-1.9 -29%
Ankle	0.2 13%	-0.1 -5%	-0.3 -14%	-0.5 -28%
Ankle - outer	0.0 0%	-0.5 -29%	-0.4 -25%	-0.1 -8%
Fibular Bfib - below head kn	0.0 0%	-0.5 -29%	-0.3 -20%	0.0 0%
Ankle - tibial	-1.9 -54%	-3.2 -67%	-2.9 -64%	-0.2 -13%
Ankle - tibial	-0.7 -35%	-1.2 -48%	-1.0 -43%	-0.4 -31%
<b>F-Wave Studies Latency Results in milliseconds</b> <i>Increase = worse in milliseconds and percent</i>				
Hand	1.3 4%	1.2 4%	0.2 1%	1.2 4%
Top of Foot	-2.1 -3%	-2.6 -4%	-2.9 -5%	7.5 13%
Inner Foot	-5.8 -9%	-5.9 -9%	-5.2 -8%	10.8 19%

<sup>1</sup> December 13, 2022 = date discharged from the TGH CIDP program as "doing really well", with NCS reported as "stable or better".

<sup>2</sup> February 18, 2020 = Date of last NCS while still on IgG (stopped Oct 10, 2020)

<sup>3</sup> December 15, 2025 = Date of last NCS with NCS reported as "worse"

