

Article update

Following the publication of Condliffe *et al.* 2016, a participant with cerebral palsy (CP-7) was considered for re-diagnosis to Hereditary Spastic Paraparesis after her child presented with similar bilateral, lower-extremity spastic motor impairments. Motor unit (PSF) profiles during cutaneomuscular reflexes were not included for participant CP-7, but data for surface EMG responses were reanalysis of the surface EMG data *with CP-7 excluded* revealed that differences between the CP and NI groups remained significant. In addition, the association between spinal inhibition ($I1_{\max}$ and $I1_{\text{ave}}$) and motor function (GMFCS, FMS_{TOTAL} and MVC) within the CP group also remained significant with similar correlation coefficients. Updated values for Table 2 are presented below with changes underlined. The original values are also presented for comparison. We also noted that there was a mistake in our transposition of some values for I1 onset and cutaneomuscular reflex termination which are also now corrected and underlined.

Updated Table 2: changes underlined

Reflex components	CP	NI	P-value
$I1_{\max}$	<u>-35.9</u>	-69.5	<0.001
(Δ % BKD EMG)	(-66.7 – 68.0)	(-87.7 – -30.3)	
$I1_{\text{ave}}$	<u>-26.1</u>	-48.6	0.001
(Δ % BKD EMG)	(-46.3 – 0.0)	(-63.6 – -21.7)	
I1 onset (ms)	<u>52.8</u>	57.4	<u>0.40</u>
	(40.7 – 76.6)	(43.3 – 70.9)	
Cutaneomuscular reflex termination (ms)	<u>292.1</u>	<u>290.4</u>	<u>0.90</u>
	(175.0 – 672.6)	(186.8 – 449.1)	

Original Table 2 for comparison:

Reflex components	CP	NI	P-value
$I1_{\max}$	-36.1	-69.5	<0.001
(Δ % BKD EMG)	(-66.7 – 68.0)	(-87.7 – -30.3)	
$I1_{\text{ave}}$	-26.4	-48.6	0.001
(Δ % BKD EMG)	(-46.3 – 0.0)	(-63.6 – -21.7)	
I1 onset (ms)	58.4	57.4	0.98
	(40.7 – 60)	(43.3 – 70.9)	
Cutaneomuscular reflex termination (ms)	286	273	0.30
	(89 – 825)	(152 – 449)	