

## Supplementary appendix 1

**Table e1. Maximum Injected Volumes, Dose per Muscle and Number of Injection sites in the Study Upper Limb**

Muscle Group	Injection Volume (mL)	Number of Injection Sites	Dose per Muscle in U/kg (Maximum U)		
			Control Group	Treatment Groups	
			AboBoNT-A 2 U/kg	AboBoNT-A 8 U/kg [a]	AboBoNT-A 16 U/kg [a]
Elbow Flexors					
Brachialis	0.6 [b]	2	0.75 U/kg (30 U)	3 U/kg (120 U)	6 U/kg (240 U)
Brachioradialis	0.3	1	0.375 U/kg (15 U)	1.5 U/kg (60 U)	3 U/kg (120 U)
Wrist Flexors					
Flexor carpi radialis	0.4	1 to 2	0.5 U/kg (20 U)	2 U/kg (80 U)	4 U/kg (160 U)
Flexor carpi ulnaris	0.3	1	0.375 U/kg (15 U)	1.5 U/kg (60 U)	3 U/kg (120 U)
Additional Muscles					
Biceps (optional muscle)	0.6 [b]	2	0.75 U/kg (30 U)	3 U/kg (120 U)	6 U/kg (240 U)
Pronator teres	0.2	1	0.25 U/kg (10 U)	1 U/kg (40 U)	2 U/kg (80 U)
Pronator quadratus	0.1	1	0.125 U/kg (5 U)	0.5 U/kg (20 U)	1 U/kg (40 U)
Flexor digitorum profundus	0.2	1	0.25 U/kg (10 U)	1 U/kg (40 U)	2 U/kg (80 U)
Flexor digitorum superficialis	0.3	2 to 4	0.375 U/kg (15 U)	1.5 U/kg (60 U)	3 U/kg (120 U)
Flexor pollicis longus	0.2	1	0.25 U/kg (10 U)	1 U/kg (40 U)	2 U/kg (80 U)
Flexor pollicis brevis/ opponens pollicis	0.1	1	0.125 U/kg (5 U)	0.5 U/kg (20 U)	1 U/kg (40 U)
Adductor pollicis	0.1	1	0.125 U/kg (5 U)	0.5 U/kg (20 U)	1 U/kg (40 U)
Pectoralis major	0.5	1 to 2	0.625 U/kg (25 U)	2.5 U/kg (100 U)	5 U/kg (200 U)
Pectoralis minor	0.5	1 to 2	0.625 U/kg (25 U)	2.5 U/kg (100 U)	5 U/kg (200 U)
Total dose for the study upper limb	1.6		2 U/kg (80 U)	8 U/kg (320 U)	16 U/kg (640 U)

U=units

a The total dose for the study limb could not exceed 320 U in the 8 U/kg group and 640 U in the 16 U/kg group.

b Dose was administered across the two injection sites.