

Supplementary material to article by L. Turner-Stokes et al. "Longitudinal goal attainment with integrated upper limb spasticity management including repeat injections of botulinum toxin A: Findings from the prospective, observational Upper Limb International Spasticity (ULIS-III) cohort study"

Table SII. Injection parameters by cycle

Parameter	Cycle 1 <i>n</i> = 953	Cycle 2 <i>n</i> = 840	Cycle 3 <i>n</i> = 744	Cycle 4 <i>n</i> = 593	Cycle 5 <i>n</i> = 377	Cycle 6 <i>n</i> = 213	Cycle 7 <i>n</i> = 105
Number of injected muscles	<i>n</i> = 949	<i>n</i> = 836	<i>n</i> = 741	<i>n</i> = 591	<i>n</i> = 376	<i>n</i> = 213	<i>n</i> = 105
Mean (SD)	5.7 (2.5)	5.8 (2.6)	5.9 (2.5)	5.9 (2.7)	5.8 (2.4)	5.7 (2.5)	6.0 (2.5)
Median (IQR)	5 (3)	5 (3)	6 (3)	6 (4)	5 (4)	5 (4)	6 (4)
Range	1–16	1–16	1–17	1–18	1–12	1–12	1–12
Use of injection guidance*, <i>n</i> (%)	<i>n</i> = 695	<i>n</i> = 634	<i>n</i> = 562	<i>n</i> = 452	<i>n</i> = 281	<i>n</i> = 155	<i>n</i> = 67
Electromyography	279 (40.1)	243 (38.3)	219 (39.0)	170 (37.6)	95 (33.8)	53 (34.2)	25 (37.3)
Electrical stimulation	327 (47.1)	298 (47.0)	259 (46.1)	207 (45.8)	143 (50.9)	75 (48.4)	33 (49.3)
Ultrasound	273 (39.3)	245 (38.6)	210 (37.4)	160 (35.4)	99 (35.2)	52 (33.5)	16 (23.9)
Dose (units)**							
AbobotulinumtoxinA	<i>n</i> = 602	<i>n</i> = 531	<i>n</i> = 454	<i>n</i> = 358	<i>n</i> = 202	<i>n</i> = 93	<i>n</i> = 34
Mean (SD)	814.2 (339.1)	841.6 (349.2)	858.3 (335.5)	858.6 (356.1)	847.5 (352.0)	880.6 (438.6)	896.8 (495.2)
Median (IQR)	800 (500)	875 (500)	945 (500)	890 (500)	855 (460)	800 (450)	800 (530)
Total dose range	120–2375	70–2100	60–2100	50–2200	55–2300	65–2500	140–2500
OnabotulinumtoxinA	<i>n</i> = 241	<i>n</i> = 200	<i>n</i> = 177	<i>n</i> = 145	<i>n</i> = 111	<i>n</i> = 78	<i>n</i> = 53
Mean (SD)	239.1 (123.7)	252.8 (129.9)	258.2 (138.5)	254.2 (138.3)	261.0 (139.8)	274.7 (154.3)	292.4 (160.7)
Median (IQR)	220 (150)	230 (200)	230 (200)	230 (190)	250 (175)	250 (195)	300 (210)
Total dose range	30–600	38–600	45–600	25–600	25–600	45–600	60–600
IncobotulinumtoxinA	<i>n</i> = 104	<i>n</i> = 106	<i>n</i> = 106	<i>n</i> = 83	<i>n</i> = 62	<i>n</i> = 39	<i>n</i> = 18
Mean (SD)	264.2 (132.8)	268.0 (121.3)	271.7 (125.3)	275.4 (128.5)	290.3 (128.3)	299.7 (153.6)	339.2 (128.8)
Median (IQR)	230 (125)	242.5 (100)	250 (100)	250 (150)	290 (170)	280 (200)	360 (160)
Total dose range	50–640	50–640	75–640	85–600	85–640	60–670	100–670

*Patients may have been injected using more than one injection technique. **Dose units are not interchangeable per product. Only one patient entered cycle 9. IQR: interquartile range; SD: standard deviation.