

**S3 Table. Descriptive statistics for clinical and gait outcome variables. The data are presented as median (Inter Quartile Range, IQR) or \*) mean (SD).**

	Intervention						Control					
	T1		T2		T3		T1		T2		T3	
	n	Mean (SD) / Median (IQR)	n	Mean (SD) / Median (IQR)	n	Mean (SD) / Median (IQR)	n	Mean (SD) / Median (IQR)	n	Mean (SD) / Median (IQR)	n	Mean (SD) / Median (IQR)
Gait speed, preferred (m/sec)	69	0.53 (0.25)	61	0.67 (0.3)	55	0.63 (0.27)	73	0.57 (0.27)	61	0.62 (0.28)	55	0.61 (0.32)
Upright time (min/day)	59	249.05 (208.6)	50	241.29 (175.74)	49	217.98 (162.73)	63	207.47 (178.72)	57	235.1 (189.14)	49	235.52 (171.80)
Events (no./day)	59	42.00 (20.96)	50	48.58 (24.09)	49	45.17 (18.75)	63	45.75 (17.66)	57	47.75 (26.33)	49	44.17 (20.25)
Step Length (cm) *)	66	40.21 (10.73)	57	45.50 (10.84)	54	45.50 (11.00)	73	42.55 (10.79)	58	44.38 (12.04)	53	44.82 (12.45)
Cadence (steps/min) *)	66	86.22 (19.43)	57	93.51 (17.64)	54	92.12 (15.98)	73	89.07 (17.55)	58	94.94 (14.71)	53	95.24 (16.27)
Asymmetry (%)	66	10.48 (12.68)	57	7.41 (9.07)	54	6.45 (9.69)	73	9.94 (10.74)	58	8.07 (11.07)	53	7.40 (10.65)
SPPB (0-12)	70	4 (3)	61	7 (5)	56	6 (5)	73	5 (5)	62	6 (4)	57	6 (6)
MMSE (0-30)	69	26 (6)	57	26 (5)	56	26.5 (7)	72	26 (7)	60	26 (5)	53	26 (6)

CDR (sum of boxes, 0-18)	67	0 (3)	58	0 (3)	52	0 (3)	73	0 (4)	58	0 (2.8)	54	0 (3)
Barthel Index (0-20)	64	18 (3)	61	18 (4)	55	18 (3)	71	19 (4)	62	19 (3)	57	19 (4)
Nottingham E-ADL (0-66)	70	37 (28.5)	60	47 (27.8)	55	41 (26.5)	73	38 (31)	62	40.5 (18.8)	57	40 (28)
GDS (short Form, 0-15)	68	3 (4)	58	3 (3.8)	52	2 (4.2)	68	3 (4)	56	2 (4.2)	53	2 (5)
Variability (SD) Step Length (cm)	66	2.68 (1.53)	57	2.72 (1.06)	54	3.10 (1.50)	73	2.46 (1.33)	58	3.02 (1.37)	53	3.20 (1.64)
Variability (SD) Base of support (cm)	66	1.87 (1.20)	57	1.87 (1.25)	54	1.92 (1.18)	73	1.71 (1.25)	58	1.88 (0.79)	53	1.84 (0.90)
EQ-5D-3L-Index	68	0.73 (0.23)	60	0.73 (0.23)	57	0.73 (0.23)	73	0.73 (0.33)	60	0.73 (0.16)	61	0.73 (0.23)
Short FES-I (0-7)	65	10 (5)	59	9 (5)	51	9 (3.5)	73	10 (6)	60	8.5 (3)	54	9 (3.8)
Chalder Fatigue Scale (0-33)	61	15 (6)	55	15 (5.5)	47	15 (6.5)	62	14.5 (5)	54	15 (6.5)	48	15 (6)