

Supplementary materials.

Table S1. Dose characteristic for each rehabilitation centre.

Centre	Frequency (n° sessions / week)	Intensity (minutes/session)	Duration (n° sessions)	Total dose (hours)
Centre 1	5.8 (0.9)	65 (10.2)	15.0 (5.2)	16.4 (6.2)
(n=34)	6 [6; 6]	70 [60; 70]	13.7 [12; 18]	15.2 [12.9; 20.0]
Centre 2	6 (0)	94.5 (14.1)	32.1 (17.2)	49.1 (24.0)
(n=17)	6 [6; 6]	87.7 [85.6; 98.2]	29 [22; 48]	46.7 [30.7; 68.0]
Centre 3	5 (0)	60 (0)	25.4 (13.1)	25.4 (13.1)
(n=6)	5 [5; 5]	60 [60; 60]	28.9 [19.3; 31.6]	28.9 [19.3; 31.6]
Centre 4	5 (0)	60 (0)	54 (13.7)	54 (13.7)
(n=14)	5 [5; 5]	60 [60; 60]	53 [45; 63]	53 [45; 63]
Centre 5	5.8 (0.4)	63.3 (8.2)	17.9 (5.9)	18.7 (5.5)
(n=6)	6 [6; 6]	60 [60; 60]	16.9 [13.7; 19.7]	18.6 [15.0; 19.7]
Centre 6	5 (0)	60 (0)	27.0 (6.7)	27.0 (6.7)
(n=8)	5 [5; 5]	60 [60; 60]	30 [30; 30]	30 [30; 30]
Centre 7	5.8 (0.6)	45.5 (1.5)	41.8 (19.9)	31.5 (14.7)
(n=11)	6 [6; 6]	45 [45; 45]	35.1 [25.7; 55.9]	26.4 [18.6; 42.0]

Values are reported as mean($\pm 1sd$) and median [first quartile, third quartile]. Centre 1: UO di Riabilitazione Specialistica, Presidio ospedaliero San Carlo Borromeo, ASST Santi Paolo e Carlo, Milan; Centre 2: Azienda Ospedaliera Universitaria Ospedali Riuniti di Ancona Torrette; Centre 3: Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno Infantili, University of Genova; Centre 4: Presidio Sanitario San Camillo, Torino; Centre 5: Università degli Studi di Trieste; Centre 6: IRCCS San Camillo, Venezia; Centre 7: IRCCS Santa Maria Nascente, Fondazione Don Carlo Gnocchi, Milan

Table S2a. BI model coefficients

	Estimate	Standard Error	P-value*
Barthel score, baseline	0.066	0.007	<0.001
Age, yrs	0.018	0.017	0.281
Time since stroke, months	-0.179	0.097	0.010
Dose, hrs	-0.034	0.025	0.702
Sex, males	0.593	0.261	0.133

Coefficients are reported as logit. * Likelihood ratio statistic. BI: Barthel Index

Table S2b. 2MWT model coefficients

	Estimate	Standard Error	P-value*
2MWT, baseline			
spline 1	0.014	0.016	<0.001
spline 2	0.049	0.026	
Age, yrs			
spline 1	-0.114	0.115	0.064
spline 2	0.108	0.077	
Time since stroke, months	-0.09	0.124	0.334
Dose, hrs	0.015	0.027	0.532
Sex, males	0.215	0.260	0.638
Barthel score, baseline	0.002	0.005	0.878

Coefficients are reported as logit. * Likelihood ratio statistic. 2MWT: 2minutes walking test

Table S2c. BBT model coefficients.

	Estimate	Standard Error	P-value*
BBT score, baseline	0.235	0.039	<0.001
Time since stroke, months	-0.101	0.039	0.399
Dose, hrs	0.130	0.051	0.011

Coefficients are reported as logit. * Likelihood ratio statistic. BBT: Box & Blocks Test.