

SUPPLEMENTARY DIGITAL MATERIAL 2

Supplementary Table I.—Descriptive analysis of the included clinical studies.

Author (Year)	Basic information										Intervention			Country
	n(male/female)		Age		Time since stroke (days)		Type (I/H)		Affected side (left/right)		Device/Treatment (intensity)		Robot training type	
	EG	CG	EG	CG	EG	CG	EG	CG	EG	CG	EG	CG		
Alingh, Jf (2021)	13	13	60.6±9.3	56.8±9.8	5.4±1.8 weeks	5.9±2.1 weeks	/	/	/	/	AANmDOF robotic gait training (30 min/d, 3 d/week, 6weeks) . Conventional gait training (30 min/d, 1-2 d/week, 6weeks)	Conventional gait training (30 min/d, 3-5 d/week, 6weeks)	0-RAGT with BWS	Holland
Amy Wright (2020)	16 (14/2)	15	59.6±10.1	65.1±10.1	31±19 months	32±21 months	15/1	/	11/5	/	AlterG Bionic Leg orthoses (≥30 min/d, 10weeks)	Physical activity (30 min/d, 10weeks)	0-RAGT	UK
Britta Husemann (2007)	16 (11/5)	14 (10/4)	60±13	57±11	79±56	89±61	12/4	10/4	4/12	3/11	Lokomat (30 min/d, 5 d/week, 4weeks) . Conventional physiotherapy (30 min/d, 5 d/week, 4weeks)	Conventional physiotherapy (1 h, 5 d/week, 4weeks)	T-RAGT with BWS	Germany
Dae-Hyouk Bang (2016)	9 (5/4)	9 (4/5)	53.56±3.94	53.67±2.83	11.56±2.60 months	12.56±2.65 months	7/2	6/3	4/5	4/5	Lokomat (1 h, 5 d/week, 4weeks)	Treadmill gait training (1 h, 5 d/week, 4weeks)	T-RAGT with BWS	Korea
Daichi Miyagawa (2023)	17	18	65.1±12.9	63.0±12.9	/	/	/	/	/	/	“curara® type 4” robot (30 min/d, 5 d/week, 10 times)	Conventional gait training (30 min/d, 5 d/week, 10 times)	0-RAGT	Japan
Deng Yu (2021)	27 (18/9)	27 (12/15)	57.89±10.08	52.11±5.49	7.00±2weeks	7.89±2 weeks	15/12	18/9	12/15	18/9	Gait Training and Evaluation System A3 (100 min/d, 14 times)	Conventional gait training (100 min/d, 14 times)	T-RAGT with BWS	China
Dennis R. Louie (2021)	18	16	59.6±15.8	55.3±10.6	36.7±19.0	40.9±19.8	/	/	/	/	Exoskeleton (1 h, 3 d/week, 8weeks)	Physical therapy (1 h, 3 d/week, 8weeks)	0-RAGT	Canada
Dong-Xia Li (2021)	17 (15/2)	15 (14/1)	50.53±12.26	50.13±9.49	2.53±1.33 months	3.38±1.19 months	/	/	5/12	9/6	BEAR-HI assisted gait training (20 min/d, 5 d/week, 4 weeks)	Conventional training (20 min/d, 5 d/week, 4 weeks)	0-RAGT	China
Guilin Meng (2022)	62 (33/29)	61 (35/26)	59.36±1.65	60.12±1.73	/	/	/	/	28/34	30/31	Walkbot robotic gym (45 min/d, 3 d/week, 4 weeks)	Conventional rehabilitation therapy (45 min/d, 3 d/week, 4 weeks)	T-RAGT with BWS	China
Hiroki Watanabe (2014)	11 (7/4)	11 (4/7)	67.0±16.8	75.6±13.9	58.9±46.5	50.6±33.8	6/5	6/5	5/6	6/5	HAL (20 min/d, 3 d/week, 4 weeks)	Conventional gait training (20 min/d, 3 d/week, 4 weeks)	0-RAGT	Japan
Hiroki Watanabe (2016)	12	12	/	/	57.0±44.3	48.1±33.3	/	/	/	/	HAL (20 min/d, 3 d/week, 5 weeks)	Conventional gait training (20 min/d, 3 d/week, 4 weeks)	0-RAGT	Japan
Huihuang Zhang (2023)	18 (14/4)	16 (13/3)	56.88±10.99	60.81±9.61	2.50±4.00 months	3.50±3.00 months	/	/	11/7	8/8	Lower extremity rehabilitation robot (30 min/d, 5 d/week, 4 weeks)	Conventional gait training (30 min/d, 5 d/week, 4 weeks)	T-RAGT with BWS	China
Hwang-Jae Lee (2019)	14 (7/7)	12 (7/5)	61.85±7.87	62.25±6.36	1486±264.12	1536±311.54	10/4	8/4	9/5	6/6	the Gait Enhancing and Motivating System (45 min/d, 3 d/week, 4 weeks)	Conventional gait training (45 min/d, 3 d/week, 4 weeks)	0-RAGT	Korea
Hyun-Joon Yoo (2023)	10	10	61 (43-85)	65 (43-87)	19 (10-30)	43 (11-119)	/	/	/	/	ExoAtlet Medy (30 min/d, 3 d/week, 4 weeks)	Conventional gait training (30 min/d, 3 d/week, 4 weeks)	0-RAGT	Korea
Irene Aprilea (2019)	14 (10/4)	12 (9/3)	56.43±12.93	61.58±9.00	44.92±16.02	86.58±52.84	11/3	8/4	5/9	9/3	G-E0 system (45 min/d, 3 d/week, 20 times)	Conventional gait training (3 d/week, 20 times)	0-RAGT with BWS	Italy
Joseph Hidler (2009)	33 (21/12)	30 (18/12)	59.9±11.3	54.6±9.4	110.9±62.5	138.9±60.9	26/7	21/9	22/11	13/17	Lokomat (45 min/d, 3 d/week, 24 times)	Conventional gait training (45 min/d, 3 d/week, 24 times)	T-RAGT with BWS	USA
Joyce Chua (2015)	53 (35/18)	53 (40/13)	62.1±10.3	60.7±10.7	27.2±11.3	29.8±14.1	/	/	29/24	32/21	Electromechanical gait trainers (45 min/d, 6 d/week, 8 weeks)	Conventional gait training (45 min/d, 6 d/week, 8 weeks)	RAGT	Singapore
Kelly P Westlake (2009)	8 (6/2)	8 (7/1)	58.6±16.9	55.1±13.6	43.8±26.8 months	36.8±20.3 months	3/5	5/3	4/4	5/3	Lokomat (30 min/d, 3 d/week, 4 weeks)	Treadmill training with BWS (30 min/d, 3 d/week, 4 weeks)	T-RAGT with BWS	USA
Michael D. Lewek (2015)	9	8	52±12	53±6	45±56 months	65±68 months	/	/	/	/	Lokomat (1 h/d, 3 d/week, 4 weeks)	Physical therapy (1 h/d, 3 d/week, 4 weeks)	T-RAGT with BWS	USA
Michiel P. M. van Nunen (2014)	16 (10/6)	14	50.0±9.6	56.0±8.7	61.6±28.7	67.1±49.1	9/7	10/4	11/5	9/5	Lokomat (1 h/d, 2 d/week, 8 weeks) . Conventional overground therapy (30 min/d, 3 d/week, 8 weeks)	Conventional overground therapy (3.5/week, 8 weeks)	T-RAGT with BWS	Holland
M Pohl (2007)	72	72	62.3±12.0	64.0±11.6	4.2±1.8 weeks	4.5±1.9 weeks	/	/	/	/	Gait trainer (20 min/d, 5 d/week, 4 weeks) . Physiotherapy (25 min/d, 5 d/week, 4 weeks)	Physiotherapy (45 min/d, 5 d/week, 4 weeks)	T-RAGT with BWS	German
Naoki Tanaka (2022)	13 (7/6)	8 (6/2)	67.77±9.36	66.00±13.56	29.46±18.78	33.75±19.70	9/4	5/3	9/4	6/2	GaitMaster 6 (20 min/d, 5 d/week, 4 weeks)	Conventional gait training (20 min/d, 5 d/week, 4 weeks)	0-RAGT with BWS	Japan
Nataša Bizovičar (2016)	9 (4/5)	10 (7/3)	52±8	60±10	88±53	121±130	2/7	/	7/2	6/4	E-go (45 min/d, 3 weeks)	Physiotherapy training (45 min/d, 3 weeks)	0-RAGT	Slovenia
Rustem Mustafaoglu (2020)	17 (11/6)	17 (12/5)	53.8±10.7	55.3±11.2	12 (7-28) months	13 (4-30) months	9/8	8/9	9/8	12/5	Lokomat (45 min/d, 2 non-consecutive d/week, 6 weeks)	Conventional training (45 min/d, 5 d/week, 6 weeks)	T-RAGT with BWS	Turkey
Sanaz Pournajaf (2023)	61 (36/25)	28 (18/10)	59±15	63.39±12.85	48±44	58.46±43.24	53/8	26/2	33/28	18/10	G-E0 System/ Lokomat Pro (30 min/d, 3-5 d/week, 4 weeks)	Conventional gait training (30 min/d, 3-5 d/week, 4 weeks)	0-RAGT /T-RAGT with BWS	Italy
Naojiro Tanaka (2018)	21 (13/8)	20 (14/6)	64.9±12.2	62.3±9.3	103.9±28.1	92.9±35.9	18/3	11/9	8/13	10/10	SMA,Conventional training (1-2 h/d, within 20 min SMA, 10days)	Conventional training (1-2 h/d, 10days)	0-RAGT	Japan
Yeon Gyo Nam (2022)	21	31	60.63±15.61	62.42±15.04	767.17±1435.78	522.40±1220.70	/	/	/	/	EXOWALK (30 min/d, 5 d/week, 4 weeks)	conventional gait treatment (30 min/d, 5 d/week, 4 weeks)	0-RAGT	Korea