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Palma-Jimenez M, Armenta-Peinado JA, Martin-Valero R*

Department of Psychiatry and Physiotherapy, Faculty of Health Sciences, University of Malaga, Malaga, Spain

***Corresponding author:** *Martin-Valero R, Faculty Health Sciences, Malaga, Spain, Tel: 34657834413;*

E-mail: rovalemas@gmail.com

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4 Some deviations from synergies. Stage 5 Almost no synergy. Stage 6 Without synergy but patients are slightly clumsy [6].

Second, the intervention included gait training compared to different intervention methods in physiotherapy for gait training in stroke. Third, different types of randomized, non-randomized, cohort, quasi-experimental, systematic reviews and case studies were included.

Finally, the outcomes included were functional outcomes: spatial and temporal gait parameters [6-8], walking independently [9-12], functional balance [5], self-perception of motion [5], quality of life [5], reeducation and proprioception gait [10,13], functional walking ability [14-16], coordination of gait [17].

Physical capacity: step length [6,18-20], walking speed [4,5,6,8,18-26] distribution of body weight [20,21,27-29] walking resistance [5] maximum walking speed [5,30] walking distance [4,31] reduction in spasticity [7,25] energy expenditure during walking [7,24,26] ankle dorsiflexion [18] walking rhythm [8] symmetry between both lower limbs [32].

Clinical outcomes:

Citation:

-2011						
Koopman et al.15 -2013	J. Neuroengineering Rehabil.	18	Pilot Study	Assisted gait training by exoskeleton	10-May	B
Schwartz et al.16 -2009	PM R.	67	Prospective, randomized, controlled study	Device-assisted gait training robot	10-Jun	B
Hollands et al.17 -2012	Gait Posture	485	Systematic review	Treadmill, ankle-foot orthosis and functional electrical stimulation		A
Paoloni et al.18 -2010	Neurorehabil. Neural Repair.	44	Randomized Controlled Trial	Segmental muscle vibration	10-Aug	A
Hwang et al.19 -2010	Clin. Rehabil.	24	Controlled trial	Motor imagery practice	10-May	B
Sungkarat et al.20 -2011	Clin. Rehabil.	35	Randomized controlled trial with blinded assessor	External feedback with wedge insole in the shoe and pressure sensor	10-Jul	A
Franceschini et al.21 -2009	Stroke J. Cereb. Circ.	97	Blind randomized controlled trial	Treadmill with partial body weight support	10-Jun	A
Kang et al.22 -2012	Clin.Rehabil.	30	Randomized Controlled Trial	Treadmill with optic flow	10-Jul	A
Luft et al.23 -2008	Stroke J. Cereb. Circ.	71	Randomized Controlled Trial	Treadmill with total body weight support	10-May	A
Erel et al.24 -2011	Clin. Rehabil.	28	Randomized Controlled Trial	Dynamic ankle foot orthosis	10-Jun	A
Sêze et al.25 -2011	Clin. Rehabil.	28	Multicenter randomized Trial	Ankle Foot Orthosis	10-Jun	B
Polese et al.26 -2012	Clin. Biomech. Bristol Avon	19	Pilot Study	Walking with sticks	10-May	B
Iosa et al.27 -2011	J. Rehabil. Res. Dev.	20	Systematic study	Walking assisted with driving electromechanical	10-May	B
Kunkel et al.28 -2013	Neuromodulation Technol. Neural Interface.	21	Randomized Controlled Trial	Functional Electrical Stimulation and balance exercises and weight transfer	10-Jun	A
Guillebastre et al.29 -2012	Neurorehabil. Neural Repair.	92	Predictive Analytics study	Walking with sticks	10-May	B
Tanaka et al.30 -2012	Clin. Rehabil.	12	Pilot Study	Rehabilitation of walking with interface device type footpad	10-May	B
Hesse et al.31 -2012	J. Rehabil. Res. Dev.	30	Pilot Study	Waking assisted with robot	10-May	B
Muto et al.32 -2012	J. Neuroengineering Rehabil.	16	Pilot Study	Device adapted to lower limbs with auditory stimulus	10-May	B
Chan et al.33 -2012	Clin. Rehabil.	30	Randomized Controlled Trial	muscle vibration	10-Aug	A
Mackay-Lyons et al. 34	Neurorehabil Neural Repair	50	Randomized Controlled Trial	Treadmill with body weight support	10-Aug	A

-2013						
Cárdena et al.35 -2012	Phys. Ther.	62	Randomized prospective trial	Hip Orthosis	10-May	B
Fisher et al.36 -2011	Top. Stroke Rehabil.	20	Pilot Study	Assisted gait training with robot on treadmill	10-May	B

Iosa et al. [30] the ability of body weight supporting was increasing slowly, while walking speed increased rapidly in most affected patients. A reverse trend was observed on the

Koopman et al. [15] Schwartz et al. [16] realized an assisted gait

