Authors	Year	Title	Reference	Reference Type	Open Source?
Y.-H. Bae, Y.-H. Kim and S. S. M. Fong	2016	Comparison of Heart Rate Reserve-Guided and Ratings of Perceived Exertion-Guided Methods for High-Intensity Robot-Assisted Gait Training in Patients with Chronic Stroke: Focused on the Motor Function and Gait Ability	Geriatric Rehabilitation. 32; (2): 119-126	Journal Article	no
D. H. Bang and W. S. Shin	2016	Effects of Robot-Assisted Gait Training on Spatiotemporal Gait Parameters and Balance in Patients with Chronic Stroke: A Randomized Controlled Pilot Trial	NeuroRehabilitation. Apr; (6):	Journal Article	no
C. Bayon, R. Raya, S. Lerma Lara, O. Ramirez, I. J. Serrano and E. Rocon	2016	Robotic Therapies for Children with Cerebral Palsy: A Systematic Review	Transl Biomed. 7; (1): 44	Journal Article	yes
R. S. Calabro, A. Cacciola, F. Berte, A. Manuli, A. Leo, A. Bramanti, A. Naro, D. Milardi and P. Bramanti	2016	Robotic Gait Rehabilitation and Substitution Devices in Neurological Disorders: Where Are We Now?	Neurol Sci. 37; (4): 503-514	Journal Article	no
R. S. Calabro, A. Naro, A. Leo and P. Bramanti	2016	Usefulness of Robotic Gait Training Plus Neuromodulation in Chronic Spinal Cord Injury: A Case Report	J Spinal Cord Med. (4): 1-4	Journal Article	no
A. E. Chisholm, A. Domingo, J. Jeyasurya and T. Lam	2016	Quantification of Lower Extremity Kinesthesia Deficits Using a Robotic Exoskeleton in People with a Spinal Cord Injury	Neurorehabil Neural Repair. 30; (3): 199-208	Journal Article	no
A. R. C. Donati, S. Shokur, E. Morya, D. S. F. Campos, R. C. Moioli, C. M. Gitti, P. B. Augusto, S. Tripodi, C. G. Pires, G. A. Pereira, F. L. Brasil, S. Gallo, A. A. Lin, A. K. Takigami, M. A. Aratanha, S. Joshi, H. Bleuler, G. Cheng, A. Rudolph and M. A. L. Nicolelis	2016	Long-Term Training with a Brain-Machine Interface-Based Gait Protocol Induces Partial Neurological Recovery in Paraplegic Patients	Scientific Reports. 6; (30383):	Journal Article	yes
A. Esquenazi, I. C. Maier, T. A. Schuler, S. M. Beer, I. Borggraefe, K. Campen, A. R. Luft, D. Manoglou, A. Meyer-Heim, M. R. Spiess and M. Wirz	2016	Clinical Application of Robotics and Technology in the Restoration of Walking	In J. D. Reinkensmeyer and V. Dietz (Ed.), "Neurorehabilitation Technology" (pp. 223-248). Springer International Publishing	Book Section	no
H. Frieg, T. Kalisch, C. Thiel and S. Sommer	2016	Wege vorwärts - Ergebnisse einer Wirksamkeitsstudie in der ambulanten neurologischen Spätrehabilitation	pt_Zeitschrift für Physiotherapeuten. (68): 76-81	Journal Article	no
L. Gang, S. Liling, Z. Yiying, M. Jingija, Z. Jian and Y. Guoxiong	2016	Influence of Lokomat Gait Training to Cardiopulmonary Function of Chronic Cor Pulmonale Paraplegia in Stable Stage	Chin J Clinicians (Electronic Edition). 10; (7): 965-968	Journal Article	yes
Y. Guo, Y. Li and Q. Li	2016	Effect of Lokomat Training on Lower Limb Function in Postoperative Patients with Arthroscopic Meniscal Injury	Hebei United University (Medical Edition). (1):	Journal Article	no
C. G. Kang, M. H. Chun, M. C. Jang, W. Kim and K. Hee Do	2016	Views of Physiatrists and Physical Therapists on the Use of Gait-Training Robots for Stroke Patients	J Phys Ther Sci. 28; (1): 202-6	Journal Article	yes
S. J. Kim, H. J. Lee, S. W. Hwang, H. Pyo, S. P. Yang, M.-H. Lim, G. L. Park and E. J. Kim	2016	Clinical Characteristics of Proper Robot-Assisted Gait Training Group in Non-Ambulatory Subacute Stroke Patients	Annals of Rehabilitation Medicine. 40; (2): 183-189	Journal Article	yes
H. Kumru, N. Murillo, J. Benito-Penalva, J. M. Tormos and J. Vidal	2016	Transcranial Direct Current Stimulation Is Not Effective in the Motor Strength and Gait Recovery Following Motor Incomplete Spinal Cord Injury During Lokomat® Gait Training	Neuroscience Letters. 620; (May): 143-147	Journal Article	no

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C. B. Laursen, J. F. Nielsen, O. K. Andersen and E. G. Spaich	2016	Feasibility of Using Lokomat Combined with FES for the Rehabilitation of Foot Drop	IFESS 2016, La Grande Motte, France, June 8th-10th 2016; Eur J Transl Myol: 26; (2):	Conference Paper	yes
S. Maggioni, A. Melendez-Calderon, E. van Asseldonk, V. Klamroth-Marganska, L. Lunenburger, R. Riener and H. van der Kooij	2016	Robot-Aided Assessment of Lower Extremity Functions: A Review	J Neuroeng Rehabil. 13; (1): 72	Journal Article	yes
Y. Masugi, N. Kawashima, D. Inoue and K. Nakazawa	2016	Transcutaneous Spinal Cord Stimulation During Robot-Assisted Passive Stepping	Neuroscience Letters. 627; 100-106	Journal Article	no
K. Minassian, U. S. Hofstoetter, S. M. Danner, W. Mayr, J. A. Bruce, W. B. McKay and K. E. Tansey	2016	Spinal Rhythm Generation by Step-Induced Feedback and Transcutaneous Posterior Root Stimulation in Complete Spinal Cord-Injured Individuals	Neurorehabil Neural Repair. 30; (3): 233-43	Journal Article	no
T. Nakajima, K. Kamibayashi, T. Kitamura, T. Komiyama, E. P. Zehr and K. Nakazawa	2016	Short-Term Plasticity in a Monosynaptic Reflex Pathway to Forearm Muscles after Continuous Robot-Assisted Passive Stepping	Front Hum Neurosci. 10; 368	Journal Article	yes
M. Pinto and A. Santiago	2016	Lokomat in the Re-Education of Hemiplegic People Progress Post Cerebrovascular Accident	Physical Therapy, Health Sciences, Physical Therapy	Thesis	yes
E. S. Powell, C. Carrico, R. Raithatha, E. Salyers, A. Ward and L. Sawaki	2016	Transvertebral Direct Current Stimulation Paired with Locomotor Training in Chronic Spinal Cord Injury: A Case Study	NeuroRehabilitation. 38; (1): 27-35	Journal Article	no
R. Raithatha, C. Carrico, E. S. Powell, P. M. Westgate, K. C. Chelette Ii, K. Lee, L. Dunsmore, S. Salles and L. Sawaki	2016	Non-Invasive Brain Stimulation and Robot-Assisted Gait Training after Incomplete Spinal Cord Injury: A Randomized Pilot Study	NeuroRehabilitation. 38; (1): 15-25	Journal Article	no
R. Ranganathan, C. Krishnan, Y. Y. Dhaher and W. Z. Rymer	2016	Learning New Gait Patterns: Exploratory Muscle Activity During Motor Learning Is Not Predicted by Motor Modules	J Biomech. 49; (5): 718-725	Journal Article	no
S. Rüdt, M. Moos, S. Seppey, R. Riener and L. Marchal-Crespo	2016	Towards More Efficient Robotic Gait Training: A Novel Controller to Modulate Movement Errors	6th IEEE International Conference on Biomedical Robotics and Biomechatronics (BioRob), Singapore, 26-29 June 2016;	Conference Paper	no
A. Scarton, C. Adans-Dester, S. Paganoni, J. F. Daneault, A. O'Brien, G. Severini and P. Bonato	2016	Robot-Assisted Gait Training in Individuals with Primary Lateral Sclerosis: A Case Series	9th World Congress of Neurorehabilitation, Philadelphia, PA, USA, May 9th-13th 2016	Conference Contribution	n.a.
W.-K. Song	2016	Trends in Rehabilitation Robots and Their Translational Research in National Rehabilitation Center, Korea	Biomedical Engineering Letters. 6; (1): 1-9	Journal Article	no
D. Stam and J. Fernandez	2016	Robotic Gait Assistive Technology as Means to Aggressive Mobilization Strategy in Acute Rehabilitation Following Severe Diffuse Axonal Injury: A Case Study	Disabil Rehabil Assist Technol. 1-7	Journal Article	no
L. Wiart, R. J. Rosychuk and F. V. Wright	2016	Evaluation of the Effectiveness of Robotic Gait Training and Gait-Focused Physical Therapy Programs for Children and Youth with Cerebral Palsy: A Mixed Methods Rct	BMC Neurol. 16; (1): 86	Journal Article	yes
P. Asselin, S. Knezevic, S. Kornfeld, C. M. Cirnigliaro, I. Agranova-Breyter, W. A. Baumann and A. M. Spungen	2015	Heart Rate and Oxygen Demand of Powered Exoskeleton-Assisted Walking in Persons with Paraplegia	J Rehabil Res Dev. 52; (2): 147-158	Journal Article	

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T. Aurich, B. Warken, J. V. Graser, T. Ulrich, I. Borggraefe, F. Heinen, A. Meyer-Heim, H. J. van Hedel and A. S. Schroeder	2015	Practical Recommendations for Robot-Assisted Treadmill Therapy (Lokomat) in Children with Cerebral Palsy: Indications, Goal Setting, and Clinical Implementation within the Who-Icf Framework	Neuropediatrics. 46; (4): 248-260	Journal Article	
N. Bei, Z. Bei, Y. Chen and L.-w. Li	2015	Effects of Rehabilitation with a Rehabilitation Robot on Limb Function in Elderly Stroke Patients	China Tropical Medicine. 15; (10):	Journal Article	
E. Beretta, M. Romei, E. Molteni, P. Avantaggiato and S. Strazzer	2015	Combined Robotic-Aided Gait Training and Physical Therapy Improve Functional Abilities and Hip Kinematics During Gait in Children and Adolescents with Acquired Brain Injury	Brain Inj. 1-8	Journal Article	
F. Bertolucci, S. Di Martino, D. Orsucci, E. C. Ienco, G. Siciliano, B. Rossi, M. Mancuso and C. Chisari	2015	Robotic Gait Training Improves Motor Skills and Quality of Life in Hereditary Spastic Paraplegia	NeuroRehabilitation. 36; (1): 93-9	Journal Article	
L. Bob, Y. Rong, L. Zhenhui and T. Bing	2015	Effects of Robotic-Assisted Gait Training with Motor Imagery on Gait Impairments in Patients with Stroke	Chinese Journal of Rehabilitation Medicine. 30; (6):	Journal Article	
R. S. Calabro, M. C. De Cola, A. Leo, S. Reitano, T. Balletta, G. Trombetta, A. Naro, M. Russo, F. Berte, R. De Luca and P. Bramanti	2015	Robotic Neurorehabilitation in Patients with Chronic Stroke: Psychological Well-Being Beyond Motor Improvement	Int J Rehabil Res. 38; (3): 219-225	Journal Article	
R. S. Calabro, R. De Luca, A. Leo, T. Balletta, A. Marra and P. Bramanti	2015	Lokomat Training in Vascular Dementia: Motor Improvement and Beyond!	Aging Clin Exp Res. 27; (6): 935-7	Journal Article	
R. Cano-de-la-Cuerda, A. Molero-Sanchez, M. Carratala-Tejada, I. M. Alguacil-Diego, F. Molina-Rueda, J. C. Miangolarra-Page and D. Torricelli	2015	Theories and Control Models and Motor Learning: Clinical Applications in Neuro-Rehabilitation	Neurologia. 30; (1): 32-41	Journal Article	
A. E. Chisholm, S. Peters, M. R. Borich, L. A. Boyd and T. Lam	2015	Short-Term Cortical Plasticity Associated with Feedback-Error Learning after Locomotor Training in a Patient with Incomplete Spinal Cord Injury	Phys Ther. 95; (2): 257-66	Journal Article	
D. Y. Cho, S. W. Park, M. J. Lee, D. S. Park and E. J. Kim	2015	Effects of Robot-Assisted Gait Training on the Balance and Gait of Chronic Stroke Patients: Focus on Dependent Ambulators	J Phys Ther Sci. 27; (10): 3053-7	Journal Article	
C. Dohle, J. Quintern, S. Saal, K. M. Stephan, R. Tholen and H. Wittenberg	2015	S2e-Leitlinie "Rehabilitation Der Mobilität Nach Schlaganfall (Remos)" Kurzfassung Der Konsensusversion	Neurol Rehabil. 21; (4): 179-184	Journal Article	
L. D. Duffell, G. L. Brown and M. M. Mirbagheri	2015	Facilitatory Effects of Anti-Spastic Medication on Robotic Locomotor Training in People with Chronic Incomplete Spinal Cord Injury	J Neuroeng Rehabil. 12; (1): 29	Journal Article	
L. D. Duffell, G. L. Brown and M. M. Mirbagheri	2015	Interventions to Reduce Spasticity and Improve Function in People with Chronic Incomplete Spinal Cord Injury: Distinctions Revealed by Different Analytical Methods	Neurorehabil Neural Repair. 29; (6): 566-76	Journal Article	
T. R. Filippo, M. C. De Carvalho, L. B. Carvalho, D. R. de Souza, M. Imamura and L. R. Battistella	2015	Proximal Tibia Fracture in a Patient with Incomplete Spinal Cord Injury Associated with Robotic Treadmill Training	Spinal Cord. 53; (12): 875-876	Journal Article	
M. Franz, M. Wirz, U. Bergner, A. von Reumont, N. Weidner and A. Curt	2015	Content and Duration of Locomotor Training in Acute Incomplete Spinal Cord Injury	ISCOS, Montreal, Canada, May 14th-16th;	Conference Paper	

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E. Garcia-Cossio, M. Severens, B. Nienhuis, J. Duysens, P. Desain, N. Keijsers and J. Farquhar	2015	Decoding Sensorimotor Rhythms During Robotic-Assisted Treadmill Walking for Brain Computer Interface (Bci) Applications	PLoS One. 10; (12): e0137910	Journal Article	
A. Heitling	2015	Erfolgsparameter für das Wiedererlangen der Gehfähigkeit bei Patienten mit inkompletter Querschnittlähmung durch Einsatz des Lokomat®.	Master of Science, Neuroorthopädie - Disability Management, Donau Universität Krems	Thesis	
E. C. Jeffries, S. M. Hoffman, R. de Leon, J. F. Dominguez, T. Z. Semerjian, I. A. Melgar and C. J. Dy	2015	Energy Expenditure and Heart Rate Responses to Increased Loading in Individuals with Motor Complete Spinal Cord Injury Performing Body Weight-Supported Exercises	Arch Phys Med Rehabil. 96; (8): 1467-73	Journal Article	
K. Knaepen, A. Mierau, E. Swinnen, H. Fernandez Tellez, M. Michielsen, E. Kerckhofs, D. Lefeber and R. Meeusen	2015	Human-Robot Interaction: Does Robotic Guidance Force Affect Gait-Related Brain Dynamics During Robot-Assisted Treadmill Walking?	PLoS One. 10; (10): e0140626	Journal Article	
C. Krishnan, E. P. Washabaugh and Y. Seetharaman	2015	A Low Cost Real-Time Motion Tracking Approach Using Webcam Technology	J Biomech. 48; (3): 544-8	Journal Article	
T. Krizmanič, G. Vidmar and K. Grabljevec	2015	Effects of Gait Training with Conventional Physiotherapy Including Robot-Assisted Gait Training (Lokomat) in Patients with Multiple Sclerosis	Rehabilitacija. XIV; (St.1): 26-31	Journal Article	
T. Lam, K. Pauhl, A. Ferguson, R. N. Malik, A. Krassioukov and J. J. Eng	2015	Training with Robot-Applied Resistance in People with Motor-Incomplete Spinal Cord Injury: Pilot Study.	J Rehabil Res Dev. 52; (1): 113-130	Journal Article	
H.-B. Liu	2015	Progress of Lokomat Robotic Applications in Incomplete Sci Walking Disorders	Chinese Manipulation & Rehabilitation Medicine. (19):	Journal Article	
M. M. Mirbagheri	2015	Comparison between the Therapeutic Effects of Robotic-Assisted Locomotor Training and an Anti-Spastic Medication on Spasticity	37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), Milan, Italy, Aug 25th-29th; 2015; 4675-8	Conference Paper	
M. M. Mirbagheri, M. W. Kindig and X. Niu	2015	Effects of Robotic-Locomotor Training on Stretch Reflex Function and Muscular Properties in Individuals with Spinal Cord Injury	Clin Neurophysiol. 126; (5): 997-1006	Journal Article	
T. Ogawa, T. Sato, T. Ogata, S. Yamamoto, K. Nakazawa and N. Kawashima	2015	Rhythmic Arm Swing Enhances Patterned Locomotor-Like Muscle Activity in Passively Moved Lower Extremities	Physiol Rep. 3; (3): e12317	Journal Article	
A. Ortiz-Zalama, R. Cano-de la Cuerda, L. I. Ortiz-Zalama and A. M. Gil-Agudo	2015	Nuevas Tecnologías En La Reeducación De La Marcha En Pacientes Con Lesión Medular Incompleta. Una Revisión Sistemática	Rehabilitación. 49; (02): 90-101	Journal Article	
S. K. Phelan, B. E. Gibson and F. V. Wright	2015	What Is It Like to Walk with the Help of a Robot? Children's Perspectives on Robotic Gait Training Technology	Disabil Rehabil. 1-10	Journal Article	
F. Schoenrath, S. Markendorf, A. E. Brauchlin, M. Frank, M. J. Wilhelm, L. Saleh, R. Riener, C. M. Schmied and V. Falk	2015	Robot-Assisted Training for Heart Failure Patients - a Small Pilot Study	Acta Cardiol. 70; (6): 665-71	Journal Article	
F. Schoenrath, S. Markendorf, A. E. Brauchlin, B. Seifert, M. J. Wilhelm, M. Czerny, R. Riener, V. Falk and C. M. Schmied	2015	Robot-Assisted Training Early after Cardiac Surgery	J Card Surg. (7): 574-580	Journal Article	
I. Schwartz and Z. Meiner	2015	Robotic-Assisted Gait Training in Neurological Patients: Who May Benefit?	Ann Biomed Eng. 43; (5): 1260-9	Journal Article	

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J. Spoljar, T. Erjavec, P. Obreza, B. Vipacev and R. Savrin	2015	Influence of Gait Training Using Lokomat on Heart Rate and Oxygen Uptake in Patients with Incomplete Spinal Cord Injury	Slovenian Physiotherapy Congress, Grand Hotel Bernardin, Portorož, Slovenia, October 9th-10th 2015,	Conference Proceedings	
O. Stoller, E. D. de Bruin, M. Schindelholz, C. Schuster-Amft, R. A. de Bie and K. J. Hunt	2015	Improve Cardiovascular Fitness Early after Stroke: A Randomized Controlled Pilot Trial	J Neurol Phys Ther. 39; 156-165	Journal Article	
S. Straudi, C. Fanciullacci, C. Martinuzzi, C. Pavarelli, B. Rossi, C. Chisari and N. Basaglia	2015	The Effects of Robot-Assisted Gait Training in Progressive Multiple Sclerosis: A Randomized Controlled Trial	Mult Scler. 22; (3): 373-384	Journal Article	
E. Swinnen, J. P. Baeyens, G. Hens, K. Knaepen, D. Beckwee, M. Michielsen, R. Clijsen and E. Kerckhofs	2015	Body Weight Support During Robot-Assisted Walking: Influence on the Trunk and Pelvis Kinematics	NeuroRehabilitation. 36; (1): 81-91	Journal Article	
E. Swinnen, J. P. Baeyens, K. Knaepen, M. Michielsen, R. Clijsen, D. Beckwee and E. Kerckhofs	2015	Robot-Assisted Walking with the Lokomat: The Influence of Different Levels of Guidance Force on Thorax and Pelvis Kinematics	Clin Biomech (Bristol, Avon). 30; (3): 254-9	Journal Article	
E. Swinnen, J. P. Baeyens, K. Knaepen, M. Michielsen, G. Hens, R. Clijsen, M. Goossens, R. Buyl, R. Meeusen and E. Kerckhofs	2015	Walking with Robot Assistance: The Influence of Body Weight Support on the Trunk and Pelvis Kinematics	Disabil Rehabil Assist Technol. 10; (3): 252-7	Journal Article	
E. Swinnen, J. P. Baeyens, J. Van Nieuwenhoven, S. Ilsbroukx, M. Michielsen, R. Clijsen, R. Buyl, M. Goossens, K. Knaepen, R. Meeusen and E. Kerckhofs	2015	Neurological Gait Rehabilitation: The Influence of Walking Speed, Body Weight Support and Robot Assistance on the Trunk and Pelvis Kinematics	World Physical Therapy Congress, Singapore, May 1st to 4th 2015, Elsevier: 101; e1461	Conference Proceedings	
G. Taveggia, A. Borboni, C. Mule, J. H. Villafane and S. Negrini	2015	Conflicting Results of Robot-Assisted Versus Usual Gait Training During Postacute Rehabilitation of Stroke Patients: A Randomized Clinical Trial	Int J Rehabil Res. 39; (1): 29-35	Journal Article	
H. J. van Hedel, A. Meyer-Heim and C. Rusch-Bohtz	2015	Robot-Assisted Gait Training Might Be Beneficial for More Severely Affected Children with Cerebral Palsy: Brief Report	Dev Neurorehabil. 1-6	Journal Article	
M. P. van Nunen, K. H. Gerrits, M. Konijnenbelt, T. W. Janssen and A. de Haan	2015	Recovery of Walking Ability Using a Robotic Device in Subacute Stroke Patients: A Randomized Controlled Study	Disabil Rehabil Assist Technol. 10; (2): 141-8	Journal Article	
L. Wallard, G. Dietrich, Y. Kerlirzin and J. Bredin	2015	Effects of Robotic Gait Rehabilitation on Biomechanical Parameters in the Chronic Hemiplegic Patients	Neurophysiol Clin. 45; (3): 215-9	Journal Article	
J. Wang, Z.-h. Yang, H.-b. Liu and D. Tang	2015	Observation on the Application of Lower Limb Rehabilitation Robot in Walking Disability of Stroke Patients	Chinese Journal of Rehabilitation Medicine. 30; (6):	Journal Article	
M. Wirz, V. Dietz, A. Esclarin, J. Benito Penalva, O. Mach, S. Schneider, C. Bastiaenen and R. De Bie	2015	Dose-Response Relationship of Locomotor Training in Patients with Spinal Cord Injury: Preliminary Results	World Congress of Physical Therapy, Singapore, May 1-4;	Conference Paper	
C. Zhang, H. Ma, S. Li, Y.-j. Zheng and Q. Han	2015	The Effect of Lower Limb Rehabilitation Training by Lokomat Robot after Lumbar Posterior Discectomy in Elderly Patients	Geriatrics & Health Care. 42; (4):	Journal Article	
D.-s. Zheng, Y. Zhao, Q. Li and F.-l. Tian	2015	Effect of Complex Reinforcing-Reducing Manipulations on Hip and Knee Flexion and Extension Angles after Surgery of Gluteus Maximus Contracture	Journal of Acupuncture and Tuina Science. (1):	Journal Article	

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Y. H. Bae, Y. J. Ko, W. H. Chang, J. H. Lee, K. B. Lee, Y. J. Park, H. G. Ha and Y. H. Kim	2014	Effects of Robot-Assisted Gait Training Combined with Functional Electrical Stimulation on Recovery of Locomotor Mobility in Chronic Stroke Patients: A Randomized Controlled Trial	J Phys Ther Sci. 26; (12): 1949-53	Journal Article	
B. Beveridge, D. Feltracco, J. Struyf, E. Strauss, S. Dang, S. Phelan, F. V. Wright and B. E. Gibson	2014	You Gotta Try It All: Parents' Experiences with Robotic Gait Training for Their Children with Cerebral Palsy	Phys Occup Ther Pediatr. 35; (4): 327-341	Journal Article	
C. Bonnyaud, R. Zory, J. Boudarham, D. Pradon, D. Bensmail and N. Roche	2014	Effect of a Robotic Restraint Gait Training Versus Robotic Conventional Gait Training on Gait Parameters in Stroke Patients	Exp Brain Res. 232; (1): 31-42	Journal Article	
R. S. Calabro, S. Reitano, A. Leo, R. De Luca, C. Melegari and P. Bramanti	2014	Can Robot-Assisted Movement Training (Lokomat) Improve Functional Recovery and Psychological Well-Being in Chronic Stroke? Promising Findings from a Case Study	Funct Neurol. 29; (2): 139-141	Journal Article	
L. A. Chernikova and A. S. Klochkov	2014	[the Influence of Physical Training with the Use of a Lokomat Robotic System on the Walking Ability of the Patients with Post-Stroke Hemiparesis]	Vopr Kurortol Fizioter Lech Fiz Kult. (3): 13-7	Journal Article	
C. Chisari, F. Bertolucci, V. Monaco, M. Venturi, C. Simonella, S. Micera and B. Rossi	2014	Robot-Assisted Gait Training Improves Motor Performances and Modifies Motor Unit Firing in Post-Stroke Patients	Eur J Phys Rehabil Med. 51; (1): 59-69	Journal Article	
A. Domingo and T. Lam	2014	Reliability and Validity of Using the Lokomat to Assess Lower Limb Joint Position Sense in People with Incomplete Spinal Cord Injury	J Neuroeng Rehabil. 11; 167	Journal Article	
L. D. Duffell, N. Xun, G. Brown and M. M. Mirbagheri	2014	Variability in Responsiveness to Interventions in People with Spinal Cord Injury: Do Some Respond Better Than Others?	Conf Proc IEEE Eng Med Biol Soc, Aug; 2014; 5872-5	Conference Paper	
U. Dundar, H. Toktas, O. Solak, A. M. Ulasli and S. Eroglu	2014	A Comparative Study of Conventional Physiotherapy Versus Robotic Training Combined with Physiotherapy in Patients with Stroke	Top Stroke Rehabil. 21; (6): 453-61	Journal Article	
M. Dzahir and S.-i. Yamamoto	2014	Recent Trends in Lower-Limb Robotic Rehabilitation Orthosis: Control Scheme and Strategy for Pneumatic Muscle Actuated Gait Trainers	Robotics. 3; (2): 120	Journal Article	
A. Esclarin-Ruz, M. Alcobendas-Maestro, R. Casado-Lopez, G. Perez-Mateos, M. A. Florido-Sanchez, E. Gonzalez-Valdizan and J. L. Martin	2014	A Comparison of Robotic Walking Therapy and Conventional Walking Therapy in Individuals with Upper Versus Lower Motor Neuron Lesions: A Randomized Controlled Trial	Arch Phys Med Rehabil. 95; (6): 1023-31	Journal Article	
A. M. Fenuta and A. L. Hicks	2014	Metabolic Demand and Muscle Activation During Different Forms of Bodyweight Supported Locomotion in Men with Incomplete Sci	Biomed Res Int. 2014; 632765	Journal Article	
S. S. Galen, C. J. Clarke, A. N. McLean, D. B. Allan and B. A. Conway	2014	Isometric Hip and Knee Torque Measurements as an Outcome Measure in Robot Assisted Gait Training	NeuroRehabilitation. 34; (2): 287-95	Journal Article	
M. Gandolfi, C. Geroin, A. Picelli, D. Munari, A. Waldner, S. Tamburin, F. Marchioretto and N. Smania	2014	Robot-Assisted Vs. Sensory Integration Training in Treating Gait and Balance Dysfunctions in Patients with Multiple Sclerosis: A Randomized Controlled Trial	Front Hum Neurosci. 8; 318	Journal Article	
P. H. Gorman, P. R. Geigle, K. Chen, H. York and W. Scott	2014	Reliability and Relatedness of Peak Vo2 Assessments During Body Weight Supported Treadmill Training and Arm Cycle Ergometry in Individuals with Chronic Motor Incomplete Spinal Cord Injury	Spinal Cord. 52; (4): 287-91	Journal Article	
S. Hussain	2014	Aspects	NeuroRehabilitation. 35; (4): 701-9	Journal Article	

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H. König	2014	Hat Zusätzliches Funktionelles Lokomotionstraining Eine Positive Auswirkung Auf Das Gangbild Von Neurologischen Patienten? Eine Fall Kontroll Studie	Bachelor of Science, FAKULTAT WIRTSCHAFTS- UND SOZIALWISSENSCHAFTEN	Thesis	
R. Labruyere and H. J. van Hedel	2014	Cord Injury: A Randomized Pilot Study in Patients Depending on Walking Assistance	J Neuroeng Rehabil. 11; 4	Journal Article	
Q. Li, F. Tian, G. Liu, S. Zhengde, J. Chen, S. Ma, Cui, H. Wang and Q. Li	2014	Yin - Yang Influence on Thorn Breathing Reinforcing - Reducing Method for Ischemic Stroke in Patients with Lower Extremity Joint Flexion Angle	Guangdong Medical Journal. 35; (1):	Journal Article	
N. Maia, D. Wang and Y. Peng	2014	Lokomat Robot and Its Effect on the Rehabilitation of Stroke Patients with Lower Limb Function Defect Recovery	Clinical Medicine of China. (z1):	Journal Article	
S. Masiero, P. Poli, G. Rosati, D. Zanotto, M. Iosa, S. Paolucci and G. Morone	2014	The Value of Robotic Systems in Stroke Rehabilitation	Expert Rev Med Devices. 11; (2): 187-98	Journal Article	
A. Nardo, F. Anasetti, D. Servello and M. Porta	2014	Quantitative Gait Analysis in Patients with Parkinson Treated with Deep Brain Stimulation: The Effects of a Robotic Gait Training	NeuroRehabilitation. 35; (4): 779-88	Journal Article	
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J. P. Regnaux, K. Saremi, J. Marehbian, B. Bussel and B. H. Dobkin	2008	An Accelerometry-Based Comparison of 2 Robotic Assistive Devices for Treadmill Training of Gait	Neurorehabil Neural Repair. 22; (4): 348-54	Journal Article	
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