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K. Lo,M. Stephenson,C. Lockwood	2017	Effectiveness of robotic assisted rehabilitation for mobility and functional ability in adult stroke patients: a systematic review protocol	JBI Database of Systematic Reviews and Implementation Reports.15; (1):39-48	Journal Article
A. Picelli,E. La Marchina,A. Vangelista,E. Chemello,A. Modenese,M. Gandolfi,E. F. M. Ciceri,A. Bucci,G. Zoccatelli,L. Saltuari,A. Waldner,A. Baricich,A. Santamato,N. Smania	2017	Effects of Robot-Assisted Training for the Unaffected Arm in Patients with Hemiparetic Cerebral Palsy: A Proof-of-Concept Pilot Study	Behavioural Neurology.2017;	Journal Article
D. Simonetti,L. Zollo,S. Milighetti,S. Miccinilli,M. Bravi,F. Ranieri,G. Magrone,E. Guglielmelli,V. Di Lazzaro,S. Sterzi	2017	Literature Review on the Effects of tDCS Coupled with Robotic Therapy in Post Stroke Upper Limb Rehabilitation	Front Hum Neurosci.11; 268	Journal Article
H. Kim,C. Kim,Y. Hwang,K. Kim,Y. Park,J. Park,C. Kim,Y. Lim	2017	The review of literature on the Rehabilitation robots for stroke patients	JKSHS.14; (1):29-45	Journal Article
B. E. Perry,E. K. Evans,D. S. Stokic	2017	Weight compensation characteristics of Armeo®Spring exoskeleton: implications for clinical practice and research	Journal of NeuroEngineering and Rehabilitation.14; (1):14	Journal Article
J. W. Keller,H. J. A. van Hedel	2017	Weight-supported training of the upper extremity in children with cerebral palsy: a motor learning study	J Neuroeng Rehabil.14; (1):87	Journal Article
G. Fazekas,I. Tavaszi,A. Toth	2016	[NEW OPPORTUNITIES IN NEURO-REHABILITATION: ROBOT MEDIATED THERAPY IN CONDITIONS POST CENTRAL NERVOUS SYSTEM IMPAIRMENTS]	Ideggyogy Sz.69; (5-6):148-54	Journal Article
A. Cesareo,E. Beretta,E. Biffi,S. Strazzer,G. Reni	2016	A Comparative Study Among Constraint, Robot-Aided and Standard Therapies in Upper Limb Rehabilitation of Children with Acquired Brain Injury	XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016: MEDICON 2016. Paphos, Cyprus, March 31st–April 2nd 2016; Springer International Publishing. 57; p. 667-672	Conference Proceedings
M. Babaiasl,S. H. Mahdioun,P. Jaryani,M. Yazdani	2016	A review of technological and clinical aspects of robot-aided rehabilitation of upper-extremity after stroke	Disabil Rehabil Assist Technol.11; (4):263-80	Journal Article
Y. M. Aung	2016	Augmented reality system for rehabilitation : new approach based on human interaction and biofeedback	FACULTY OF ENGINEERING & INFORMATION TECHNOLOGY. UNIVERSITY OF TECHNOLOGY, SYDNEY	Thesis
F. Grimm,A. Gharabaghi	2016	Closed-loop neuroprosthesis for reach-to-grasp assistance: combining adaptive multi-channel neuromuscular stimulation with a multi-joint arm exoskeleton	Frontiers in Neuroscience.10; 284	Journal Article
D. A. Tran,M. Pajaro-Blazquez,J. F. Daneault,J. G. Gallegos,J. Pons,F. Fregni,P. Bonato,R. Zafonte	2016	Combining Dopaminergic Facilitation with Robot-Assisted Upper Limb Therapy in Stroke Survivors: A Focused Review	Am J Phys Med Rehabil.	Journal Article
F. Grimm,G. Naros,A. Gharabaghi	2016	Compensation or Restoration: Closed-Loop Feedback of Movement Quality for Assisted Reach-to-Grasp Exercises with a Multi-Joint Arm Exoskeleton	Frontiers in Neuroscience.10; 280	Journal Article
I. H. L. Chan,K. N. K. Fong,D. Y. L. Chan,A. Q. L. Wang,E. K. N. Cheng,P. H. Y. Chau,K. K. Y. Chow,H. K. Y. Cheung	2016	Effects of Arm Weight Support Training to Promote Recovery of Upper Limb Function for Subacute Patients after Stroke with Different Levels of Arm Impairments	BioMed Research International.2016; 9	Journal Article

Authors	Year	Title	Reference	Reference Type
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G. Taveggia,A. Borboni,L. Salvi,M. U. C,S. Fogliaresi,J. H. Villafane,R. Casale	2016	Efficacy of robot-assisted rehabilitation for the functional recovery of the upper limb in post-stroke patients: a randomized controlled study	Eur J Phys Rehabil Med.	Journal Article
M. Longhi,A. Merlo,P. Prati,M. Giacobbi,D. Mazzoli	2016	Instrumental indices for upper limb function assessment in stroke patients: a validation study	J Neuroeng Rehabil.13; (1):52	Journal Article
N. Saywell,N. Taylor,E. Rodgers,L. Skinner,M. Boocock	2016	Play-based interventions improve physical function for people with adult-acquired brain injury: A systematic review and meta-analysis of randomised controlled trials	Clin Rehabil.	Journal Article
E. Peri,E. Biffi,C. Maghini,F. Servodio Iammarrone,C. Gagliardi,C. Germiniasi,A. Pedrocchi,A. C. Turconi,G. Reni	2016	Quantitative Evaluation of Performance during Robot-assisted Treatment	Methods Inf Med.55; (1):84-8	Journal Article
J. Glavic,S. Rutovic,N. Kristic Cvitanovic	2016	Robot-assisted upper limb physical rehabilitation in hemiplegic cerebral palsy	6th Congress of the Croatian Physical Rehabilitation Society. Sibenik (Croatia), April 14th -17th	Conference Contribution
C. Zhang,C. W. Li-Tsang,R. K. Au	2016	Robotic approaches for the rehabilitation of upper limb recovery after stroke: a systematic review and meta-analysis	Int J Rehabil Res.40; (1):19-28	Journal Article
C. Bayon,R. Raya,S. Lerma Lara,O. Ramirez,I. J. Serrano,E. Rocon	2016	Robotic Therapies for Children with Cerebral Palsy: A Systematic Review	Transl Biomed.7; (1):44	Journal Article
J. Glavic,S. Rutovic,N. Kristic Cvitanovic,P. Burić,A. Petrović	2016	Technology-enhanced upper limb physical rehabilitation in hemiplegic cerebral palsy	International Journal of Rehabilitation.	Journal Article
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
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S. Ying,H. Jiajia,S. Jiajia	2015	Effects of motion feedback training on upper limb motor function and ADL in hemiplegic patients	Chinese Journal of Rehabilitation.30; (6):409-411	Journal Article
J. Mehrholz,M. Pohl,T. Platz,J. Kugler,B. Elsner	2015	Electromechanical and robot-assisted arm training for improving activities of daily living, arm function, and arm muscle strength after stroke (Updated Evidence)	Cochrane Database Syst Rev.11; Cd006876	Journal Article
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M. Bartolo,A. M. De Nunzio,F. Sebastiano,F. Spicciato,P. Tortola,J. Nilsson,F. Pierelli	2014	Arm weight support training improves functional motor outcome and movement smoothness after stroke	Funct Neurol.29; (1):15-21	Journal Article
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I. Laffont,K. Bakhti,F. Coroian,L. van Dokkum,D. Mottet,N. Schweighofer,J. Froger	2014	Innovative technologies applied to sensorimotor rehabilitation after stroke	Ann Phys Rehabil Med.57; (8):543-51	Journal Article
A. Sharma,A. Esquenazi,J. Padova	2014	Poster 341 Assessment of Functional Gain in Unilateral Hemiparesis Through Application of Two Different Upper Limb Robots	AAPMR. San Diego, November 13th to 16th 2014; PM&R. 6; (9, Supplement): p. S303-S304	Conference Proceedings
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C. Cortes,A. Ardanza,F. Molina-Rueda,A. Cuesta-Gomez,L. Unzueta,G. Epelde,O. E. Ruiz,A. De Mauro,J. Florez	2014	Upper limb posture estimation in robotic and virtual reality-based rehabilitation	Biomed Res Int.2014; 821908	Journal Article
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A. Crema,A. McNaught,U. Albisser,M. Bolliger,S. Micera,A. Curt,M. Morari	2011	A hybrid tool for reaching and grasping rehabilitation: the ArmeoFES	Conf Proc IEEE Eng Med Biol Soc. 2011; p. 3047-50	Conference Proceedings
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L. Bütler,A. Menig,A. Dewor,D. Marks,K. Baldauf,D. Zutter	2011	Einsatz von Robotik in einem ganzheitlichen Konzept zur Hand-/Armrehabilitation von neurologischen Patienten – eine Pilotstudie	Neurol Rehabil.17; (1):21 - 25	Journal Article
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D. Gijbels,I. Lamers,L. Kerkhofs,G. Alders,E. Knippenberg,P. Feys	2011	The Armeo Spring as training tool to improve upper limb functionality in multiple sclerosis: a pilot study	J Neuroeng Rehabil.8; (1):5	Journal Article
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L. Pignolo	2009	Robotics in neuro-rehabilitation	J Rehabil Med.41; (12):955-60	Journal Article
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