CLNEG058: Neurorehabilitation



Amy J. Bastian. 'Understanding Sensorimotor Adaptation and Learning for Rehabilitation'. Current opinion in neurology 21.6 (2008): n. pag. Web. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2954436/.

Archy O. de Berker. 'Predicting the Behavioral Impact of Transcranial Direct Current Stimulation: Issues and Limitations'. Frontiers in Human Neuroscience 7 (2013): n. pag. Web. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3790257/.

Baker, K., S. J. Cano, and E. D. Playford. 'Outcome Measurement in Stroke: A Scale Selection Strategy'. Stroke 42.6 (2011): 1787–1794. Web.

Bernhardt, Julie et al. 'Very Early versus Delayed Mobilisation after Stroke'. Cochrane Database of Systematic Reviews (2009): n. pag. Web.

Berthier, Marcelo L. 'Cognitive Enhancing Drugs in Aphasia: A Vote for Hope'. Aphasiology 28.2 (2014): 128–132. Web.

Bhogal, S. K. et al. 'Intensity of Aphasia Therapy, Impact on Recovery * Aphasia Therapy Works!' Stroke 34.4 (2003): 987–993. Web.

---. 'Intensity of Aphasia Therapy, Impact on Recovery * Aphasia Therapy Works!' Stroke 34.4 (2003): 987–993. Web.

Bowen, Audrey et al. 'Cognitive Rehabilitation for Spatial Neglect Following Stroke'. Cochrane Database of Systematic Reviews (2013): n. pag. Web.

Brady, Marian C et al. 'Speech and Language Therapy for Aphasia Following Stroke'. Cochrane Database of Systematic Reviews (2016): n. pag. Web.

---. 'Speech and Language Therapy for Aphasia Following Stroke'. Cochrane Database of Systematic Reviews (2016): n. pag. Web.

Breitenstein, Caterina et al. 'Intensive Speech and Language Therapy in Patients with Chronic Aphasia after Stroke: A Randomised, Open-Label, Blinded-Endpoint, Controlled Trial in a Health-Care Setting'. The Lancet 389.10078 (2017): 1528–1538. Web.

Buchbinder, Rachelle et al. 'Arthrographic Distension for Adhesive Capsulitis (Frozen Shoulder)'. Cochrane Database of Systematic Reviews (2008): n. pag. Web.

C. Katz, Brooke Hallowell, Chris Co, Richard. 'A Multinational Comparison of Aphasia Management Practices'. International Journal of Language & Communication Disorders

35.2 (2000): 303-314. Web.

Carey, Leeanne, Richard Macdonell, and Thomas A. Matyas. 'SENSe: Study of the Effectiveness of Neurorehabilitation on Sensation'. Neurorehabilitation and Neural Repair 25.4 (2011): 304–313. Web.

Carmichael, S. Thomas. 'Brain Excitability in Stroke'. Archives of Neurology 69.2 (2012): n. pag. Web.

Chae, John et al. 'Poststroke Shoulder Pain: Its Relationship to Motor Impairment, Activity Limitation, and Quality of Life'. Archives of Physical Medicine and Rehabilitation 88.3 (2007): 298–301. Web.

Chan, Edgar, Samantha Altendorff, et al. 'The Test Accuracy of the Montreal Cognitive Assessment (MoCA) by Stroke Lateralisation'. Journal of the Neurological Sciences 373 (2017): 100–104. Web.

Chan, Edgar, Sabah Khan, et al. 'Underestimation of Cognitive Impairments by the Montreal Cognitive Assessment (MoCA) in an Acute Stroke Unit Population'. Journal of the Neurological Sciences 343.1–2 (2014): 176–179. Web.

Chaudhuri, Abhijit, and Peter O Behan. 'Fatigue in Neurological Disorders'. The Lancet 363.9413 (2004): 978–988. Web.

Cipolotti, L, and E K Warrington. 'Neuropsychological Assessment.' Journal of Neurology, Neurosurgery & Psychiatry 58.6 (1995): 655–664. Web.

'Clinical Guidelines for Stroke Management 2017'. N.p., n.d. Web. https://informme.org.au/Guidelines/Clinical-Guidelines-for-Stroke-Management-2017.

'Code of Ethics and Professional Conduct'. Web. https://www.rcot.co.uk/sites/default/files/CODE-OF-ETHICS-2015_0.pdf.

Connell, LA, and SF Tyson. 'Measures of Sensation in Neurological Conditions: A Systematic Review'. Clinical Rehabilitation 26.1 (2012): 68–80. Web.

Connell, Louise A., Naoimh E. McMahon, and Nicola Adams. 'Stroke Survivors' Experiences of Somatosensory Impairment after Stroke: An Interpretative Phenomenological Analysis'. Physiotherapy 100.2 (2014): 150–155. Web.

Corbetta, Maurizio et al. 'Neural Basis and Recovery of Spatial Attention Deficits in Spatial Neglect'. Nature Neuroscience 8.11 (2005): 1603–1610. Web.

Craig, Peter et al. 'Developing and Evaluating Complex Interventions: The New Medical Research Council Guidance'. BMJ (2008): n. pag. Web.

De Doncker, William et al. 'Mechanisms of Poststroke Fatigue'. Journal of Neurology, Neurosurgery & Psychiatry (2017): n. pag. Web.

Demetrios, Marina et al. 'Multidisciplinary Rehabilitation Following Botulinum Toxin and Other Focal Intramuscular Treatment for Post-Stroke Spasticity'. Cochrane Database of Systematic Reviews (2013): n. pag. Web.

Dignam, Jade et al. 'Intensive Versus Distributed Aphasia Therapy'. Stroke 46.8 (2015): 2206–2211. Web.

Doyle, Susan et al. 'Interventions for Sensory Impairment in the Upper Limb after Stroke'. Cochrane Database of Systematic Reviews (2010): n. pag. Web.

Duncan, Fiona, Simiao Wu, and Gillian E. Mead. 'Frequency and Natural History of Fatigue after Stroke: A Systematic Review of Longitudinal Studies'. Journal of Psychosomatic Research 73.1 (2012): 18–27. Web.

'Effects of Neuromuscular Electrical Stimulation on Arterial Hemodynamic Properties and Body Composition in Paretic Upper Extremities of Patients with Subacute Stroke'. Web. http://biomedj.cgu.edu.tw/pdfs/2014/37/4/images/BiomedJ_2014_37_4_205_117892.pdf.

Ferro, José M., Gabriela Mariano, and Sofia Madureira. 'Recovery from Aphasia and Neglect'. Cerebrovascular Diseases 9.Suppl. 5 (1999): 6–22. Web.

Frassinetti, F. et al. 'Long-Lasting Amelioration of Visuospatial Neglect by Prism Adaptation'. Brain 125.3 (2002): 608–623. Web.

Gamble, Giles E. et al. 'Post Stroke Shoulder Pain: More Common than Previously Realized'. European Journal of Pain 4.3 (2000): 313–315. Web.

Gillen, Glen and St Bartholomew School of Nursing and Midwifery. Cognitive and Perceptual Rehabilitation: Optimizing Function. St. Louis, Mo: Mosby/Elsevier, 2009. Print. Gorgoraptis, Nikos et al. 'The Effects of the Dopamine Agonist Rotigotine on Hemispatial Neglect Following Stroke'. Brain 135.8 (2012): 2478–2491. Web.

Green, Sally, Rachelle Buchbinder, and Sarah E Hetrick. 'Physiotherapy Interventions for Shoulder Pain'. Cochrane Database of Systematic Reviews (2003): n. pag. Web.

Grieve, June I. Neuropsychology for Occupational Therapists: Cognition in Occupational Performance. Ed. Linda Maskill and Stephanie Tempest. Fourth edition. Hoboken, NJ, USA: Wiley Blackwell, 2017. Print.

Harvey, Lisa et al. 'Twelve Weeks of Nightly Stretch Does Not Reduce Thumb Web-Space Contractures in People with a Neurological Condition: A Randomised Controlled Trial'. Australian Journal of Physiotherapy 52.4 (2006): 251–258. Web.

Holland, Audrey L. Language Disorders in Adults: Recent Advances. San Diego, Calif: College-Hill Press, 1984. Print.

Howlett, Owen A. et al. 'Functional Electrical Stimulation Improves Activity After Stroke: A Systematic Review With Meta-Analysis'. Archives of Physical Medicine and Rehabilitation 96.5 (2015): 934–943. Web.

Hurford, Robert et al. 'Domain-Specific Trends in Cognitive Impairment after Acute Ischaemic Stroke'. Journal of Neurology 260.1 (2013): 237–241. Web.

James, Katy. The Strands of Speech and Language Therapy: Weaving a Therapy Plan for Neurorehabilitation. London: Speechmark, 2011. Print.

James, S. E. Farmer, M. 'Contractures in Orthopaedic and Neurological Conditions: A Review of Causes and Treatment'. Disability and Rehabilitation 23.13 (2001): 549–558. Web.

'Journal of Rehabilitation Medicine - Abstract - Evaluation of Functional Outcome Measures for the Hemiparetic Upper Limb: A Systematic Review'. N.p., n.d. Web. https://www.medicaljournals.se/jrm/content/abstract/10.2340/16501977-0276.

'Journal of Rehabilitation Medicine - Abstract - The Arm Studio to Intensify the Upper Limb Rehabilitation after Stroke: Concept, Acceptance, Utilization and Preliminary Clinical Results'. N.p., n.d. Web.

https://medicaljournals.se/jrm/content/abstract/10.2340/16501977-0517.

Kaplan, R. F. et al. 'Changing Attentional Demands in Left Hemispatial Neglect'. Archives of Neurology 48.12 (1991): 1263–1266. Web.

Katz, Richard C., and Robert T. Wertz. 'The Efficacy of Computer-Provided Reading Treatment for Chronic Aphasic Adults'. Journal of Speech Language and Hearing Research 40.3 (1997): n. pag. Web.

Kerkhoff, Georg et al. 'Smooth Pursuit "Bedside" Training Reduces Disability and Unawareness During the Activities of Daily Living in Neglect'. Neurorehabilitation and Neural Repair 28.6 (2014): 554–563. Web.

Kilbride, Cherry et al. 'Contemporary Splinting Practice in the UK for Adults with Neurological Dysfunction: A Cross-Sectional Survey'. International Journal of Therapy and Rehabilitation 20.11 (2013): 559–566. Web.

Kitago, Tomoko, and John W. Krakauer. 'Motor Learning Principles for Neurorehabilitation'. Neurological Rehabilitation. Vol. 110. Elsevier, 2013. 93–103. Web. http://linkinghub.elsevier.com/retrieve/pii/B9780444529015000083.

Kleim, Jeffrey A., and Theresa A. Jones. 'Principles of Experience-Dependent Neural Plasticity: Implications for Rehabilitation After Brain Damage'. Journal of Speech Language and Hearing Research 51.1 (2008): n. pag. Web.

Klemens Fheodoroff. 'Factors Influencing Goal Attainment in Patients with Post-Stroke Upper Limb Spasticity Following Treatment with Botulinum Toxin A in Real-Life Clinical Practice: Sub-Analyses from the Upper Limb International Spasticity (ULIS)-II Study'. Toxins 7.4 (2015): n. pag. Web. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4417963/.

Klonoff, Pamela S. Psychotherapy after Brain Injury: Principles and Techniques. New York: The Guilford Press, 2010. Print.

Koiava, Nato et al. 'A "Web App" for Diagnosing Hemianopia'. Journal of Neurology, Neurosurgery & Psychiatry 83.12 (2012): 1222–1224. Web.

Kuppuswamy, Annapoorna, Ella Clark, et al. 'Limb Heaviness'. Neurorehabilitation and Neural Repair 30.4 (2016): 360–362. Web.

Kuppuswamy, Annapoorna, Ella V. Clark, et al. 'Post-Stroke Fatigue: A Deficit in Corticomotor Excitability?' Brain 138.1 (2015): 136–148. Web.

Kuppuswamy, Annapoorna. 'The Fatigue Conundrum'. Brain 140.8 (2017): 2240–2245. Web.

Lannin, N. A. et al. 'Effects of Splinting on Wrist Contracture After Stroke: A Randomized Controlled Trial'. Stroke 38.1 (2007): 111–116. Web.

Lannin, Natasha A. et al. 'Splinting the Hand in the Functional Position after Brain Impairment: A Randomized, Controlled Trial'. Archives of Physical Medicine and Rehabilitation 84.2 (2003): 297–302. Web.

Lee, Jae-Hyoung et al. 'Effectiveness of Neuromuscular Electrical Stimulation for Management of Shoulder Subluxation Post-Stroke: A Systematic Review with Meta-Analysis'. Clinical Rehabilitation 31.11 (2017): 1431–1444. Web.

Liao, Wan-wen et al. 'Effects of Robot-Assisted Upper Limb Rehabilitation on Daily Function and Real-World Arm Activity in Patients with Chronic Stroke: A Randomized Controlled Trial'. Clinical Rehabilitation 26.2 (2012): 111–120. Web.

'Manually Add a New Bookmark | University College London'. N.p., n.d. Web. http://readinglists.ucl.ac.uk/ui/forms/bookmarklet.html?fast=true&title=Journal%20 of%20Rehabilitation%20Medicine%20-%20Abstract%20-%20Screening%20for%20cognitive%20impairment%20after%20stroke%3A%20A%20systematic%20review%20of%20psychometric%20properties%20and%20clinical%20utility&uri=https%253A%252F%252Fwww.medicaljournals.se%252Fjrm%252Fcontent%252Fabstract%252F10.2340%252F16501 977-1930>.

Marshall, Jane et al. 'Evaluating the Benefits of Aphasia Intervention Delivered in Virtual Reality: Results of a Quasi-Randomised Study'. PLOS ONE 11.8 (2016): n. pag. Web.

Mateer, Catherine A., Claire S. Sira, and Megan E. O'Connell. 'Putting Humpty Dumpty Together Again'. Journal of Head Trauma Rehabilitation 20.1 (2005): 62–75. Web.

McDonald, Skye, Leanne Togher, and Christopher Code. Social and Communication Disorders Following Traumatic Brain Injury. Second edition. London: Psychology Press, Taylor & Francis Group, 2014. Print.

McMillan, Tom M., and Rodger Ll Wood, eds. Neurobehavioural Disability and Social Handicap Following Traumatic Brain Injury. Second edition. London: Routledge, 2017. Print.

Moorhouse, Paige, and Kenneth Rockwood. 'Vascular Cognitive Impairment: Current Concepts and Clinical Developments'. The Lancet Neurology 7.3 (2008): 246–255. Web.

Murphy, Timothy H., and Dale Corbett. 'Plasticity during Stroke Recovery: From Synapse to Behaviour'. Nature Reviews Neuroscience 10.12 (2009): 861–872. Web.

'Muscle Strength and Muscle Training after Stroke'. N.p., n.d. Web. https://www.medicaljournals.se/jrm/content/abstract/10.2340/16501977-0018.

Nascimento, Lucas R et al. 'Cyclical Electrical Stimulation Increases Strength and Improves Activity after Stroke: A Systematic Review'. Journal of Physiotherapy 60.1 (2014): 22–30. Web.

Nys, G. M.S. et al. 'The Prognostic Value of Domain-Specific Cognitive Abilities in Acute First-Ever Stroke'. Neurology 64.5 (2005): 821–827. Web.

PA Mortenson. 'The Use of Casts in the Management of Joint Mobility and Hypertonia Following Brain Injury in Adults: A Systematic Review'. (2003): n. pag. Web. https://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0020153/.

Palmer, R. et al. 'Computer Therapy Compared With Usual Care for People With Long-Standing Aphasia Poststroke: A Pilot Randomized Controlled Trial'. Stroke 43.7 (2012): 1904–1911. Web.

Pollock, Alex et al. 'Interventions for Improving Upper Limb Function after Stroke'. Cochrane Database of Systematic Reviews (2014): n. pag. Web.

'Quality Assurance Standards for Physiotherapy Service Delivery | The Chartered Society of Physiotherapy'. N.p., n.d. Web.

http://www.csp.org.uk/publications/quality-assurance-standards.

'Rehabilitation of Cognitive Impairment Post Stroke'. Web. http://www.ebrsr.com/sites/default/files/Chapter%205 Cognitive.pdf>.

Reinkensmeyer, David J. et al. 'Computational Neurorehabilitation: Modeling Plasticity and Learning to Predict Recovery'. Journal of NeuroEngineering and Rehabilitation 13.1 (2016): n. pag. Web.

Rushton, D.N. 'Functional Electrical Stimulation and Rehabilitation—an Hypothesis'. Medical Engineering & Physics 25.1 (2003): 75–78. Web.

Sachdev, Perminder S et al. 'Progression of Cognitive Impairment in Stroke/TIA Patients over 3 Years'. Journal of Neurology, Neurosurgery & Psychiatry 85.12 (2014): 1324–1330. Web.

Stein, Cinara et al. 'Effects of Electrical Stimulation in Spastic Muscles After Stroke'. Stroke 46.8 (2015): 2197–2205. Web.

Steven R Zeiler. 'The Interaction between Training and Plasticity in the Post-Stroke Brain'. Current opinion in neurology 26.6 (2013): n. pag. Web.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4012223/.

Subhasish Chatterjee. 'The California Tri-Pull Taping Method in the Treatment of Shoulder Subluxation After Stroke: A Randomized Clinical Trial'. North American Journal of Medical Sciences 8.4 (2016): n. pag. Web.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4866473/>.

'The National Service Framework for Long Term Conditions'. N.p., n.d. Web. h-long-term-conditions.

Tornås, Sveinung et al. 'Rehabilitation of Executive Functions in Patients with Chronic Acquired Brain Injury with Goal Management Training, External Cuing, and Emotional Regulation: A Randomized Controlled Trial'. Journal of the International Neuropsychological Society 22.04 (2016): 436–452. Web.

'Use of an Integrated Care Pathway: A Third Round Audit of the Management of Shoulder Pain in Neurological Conditions'. N.p., n.d. Web. https://medicaljournals.se/jrm/content/abstract/10.1080/16501970310012446.

Vafadar, Amir K., Julie N. Côté, and Philippe S. Archambault. 'Effectiveness of Functional Electrical Stimulation in Improving Clinical Outcomes in the Upper Arm Following Stroke: A Systematic Review and Meta-Analysis'. BioMed Research International 2015 (2015): 1–14. Web.

Van Heugten, Caroline M, L Walton, and U Hentschel. 'Can We Forget the Mini-Mental State Examination? A Systematic Review of the Validity of Cognitive Screening Instruments within One Month after Stroke'. Clinical Rehabilitation 29.7 (2015): 694–704. Web.

Varley, Rosemary et al. 'Self-Administered Computer Therapy for Apraxia of Speech'. Stroke (2016): n. pag. Web.

Veerbeek, Janne Marieke et al. 'What Is the Evidence for Physical Therapy Poststroke? A Systematic Review and Meta-Analysis'. PLoS ONE 9.2 (2014): n. pag. Web.

Ward, Nick S. 'Does Neuroimaging Help to Deliver Better Recovery of Movement after Stroke?' Current Opinion in Neurology 28.4 (2015): 323–329. Web.

---. 'Restoring Brain Function after Stroke — Bridging the Gap between Animals and Humans'. Nature Reviews Neurology 13.4 (2017): 244–255. Web.

Winegardner, Jill et al. 'Perspective Training to Treat Anger Problems after Brain Injury: Two Case Studies'. NeuroRehabilitation 39.1 (2016): 153–162. Web.

Ylvisaker, Mark, and Timothy Feeney. 'Reconstruction of Identity After Brain Injury'. Brain Impairment 1.01 (2000): 12–28. Web.

---. 'Reflections on Dobermanns, Poodles, and Social Rehabilitation for Difficult-to-Serve Individuals with Traumatic Brain Injury'. Aphasiology 14.4 (2000): 407–431. Web.