**Neuromuscular Conditions III**

Required Textbooks

Shumway-Cook A, Woollacott MH. *Motor Control, 5th* edition. Philadelphia, Lippincott Williams & Wilkins, 2017.

Goodman CV, Fuller K. *Pathology:* *Implications for the Physical Therapist*, 4th ed. St. Louis, MO: Saunders/Elsevier, 2015.

Palisano R, Orlin M., Schreiber J. *Campbell’s Physical Therapy for Children*, 5th ed. St. Louis, MO, Saunders/Elsevier, 2017.

O’Sullivan S, Schmitz T, *Improving Functional Outcomes in Physical Rehabilitation*, 2nd ed. Philadelphia, PA, F.A. Davis, 2016.

Umphred D. *Neurological Rehabilitation,* 6th ed. St. Louis, MO: Elsevier/Mosby, 2013.

Required Links

StrokEngine: <http://strokengine.ca/>

Rehabilitation Measures: <http://www.rehabmeasures.org>

Required Articles

Kristjansson E, Treleaven J. Sensorimotor function and dizziness in neck pain: implications for assessment and management. *J Ortho Sports Phys Ther.* 2009;39(5):364-77. [Review Abstract](http://www.ncbi.nlm.nih.gov/pubmed?otool=uchsclib&term=Sensorimotor%20Function%20and%20Dizziness%20in%20Neck%20Pain%3A%20Implications%20for%20Assessment%20and%20Management&cmd=search)

PT Now: BPPV Clinical Summary [Review abstract](http://www.ptnow.org/clinical-summaries-detail/benign-paroxysmal-positional-vertigo-bppv)

PT Now: Concussion Clinical Summary [Review abstract](http://www.ptnow.org/clinical-summaries-detail/concussion-3)

Ontario Neurotrauma Foundation Guidelines for Concussion persistent symptom:s <http://onf.org/documents/guidelines-for-concussion-mtbi-persistent-symptoms-second-edition>

PT Now: CP Clinical Summary [Review abstract](http://www.ptnow.org/clinical-summaries-detail/cerebral-palsy)

Fisher BE, Frendewey R, Robinson J. The Unrelenting Misperceptions of Spasticity and Hypertonicity. CSM Anaheim, CA. 2015. *Abstract unavailable*

McGinley J, Dobson F, Ganeshalingam R, Shore BJ, Rutz E, Graham HK. Single-event multilevel surgery for children with cerebral palsy: a systematic review. *Developmental Medicine & Child Neurology*. 2012, 54:117-128. [Review abstract](http://onlinelibrary.wiley.com/doi/10.1111/j.1469-8749.2011.04143.x/full)

Rutz E, Baker R, Tirosh O, Brunner R. Are Results After Single-event Multilevel Surgery in Cerebral Palsy Durable? *Clin Orthop Relat Res*. 2013, 471: 1028-1038. [Review abstract](https://link.springer.com/article/10.1007/s11999-012-2766-9)

Owen, E. The importance of being earnest about Shank and thigh kinematics especially when using ankle-foot orthoses. *Prosthetics and Orthotics International*. 2010; 34(3): 254-269. [Review abstract](http://www.tandfonline.com/doi/abs/10.3109/03093646.2010.485597)

Rivard L, Pollock N. The ABCs of DCD. *Physiotherapy Practice*. Fall 2012. *Abstract unavailable*

Pollock N. Sensory Integration: A review of the current state of the evidence. Occupational Therapy Now. Vol.11.5. [Review article](https://canchild.ca/system/tenon/assets/attachments/000/000/158/original/Sensory_Integration.pdf)

Stackhouse TM. Sensory Integration. *American Occupational Therapy Association, Inc.* June 2014, (37): 2. *Abstract unavailable*

Lumba-Brown A, Yeates KO, Sarmiento K, et al. Diagnosis and management of mild traumatic brain inury in children: a systematic review. *JAMA Peds*. 2018; 172(11):1-18. [Review abstract](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C6&q=Lumba-Brown+A%2C+Yeates+KO%2C+Sarmiento+K%2C+et+al.+Diagnosis+and+management+of+mild+traumatic+brain+inury+in+children%3A+a+systematic+review.+JAMA+Peds.+&btnG=)

Kristjansson E and Treleaven J. Sensorimotor function and dizziness in neck pain: implications for assessment and management. *JOSPT*. 2009; 39(5):364-77. [Review abstract](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kristjansson+E+and+Treleaven+J.+Sensorimotor+function+and+dizziness+in+neck+pain%3A+implications+for+assessment+and+management.+JOSPT.+2009%3B+39(5)%3A364-77.)

Giza GC, Prins ML and Hovda DA. It’s not all fun and games: sports, concussions, and neuroscience. *Neuron*. 2017; 94:1051-55. [Review abstract](https://www.ncbi.nlm.nih.gov/pubmed/?term=Giza+GC%2C+Prins+ML+and+Hovda+DA.+It%E2%80%99s+not+all+fun+and+games%3A+sports%2C+concussions%2C+and+neuroscience.+Neuron.+2017%3B+94%3A1051-55.)

Kluding PM, Bareiss SK, Hastings M, et al. Physical training and activity in people with diabetic peripheral neuropathy: paradigm shift. *Phys Ther*. 2017; 97(1): 31-43. [Review abstract](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C6&q=Kluding+PM%2C+Bareiss+SK%2C+Hastings+M%2C+et+al.+Physical+training+and+activity+in+people+with+diabetic+peripheral+neuropathy%3A+paradigm+shift.+Phys+Ther.+2017%3B+97%281%29%3A+31-43.+&btnG=)

Berciano J, Gallardo E, Garcia A, et al. New insignts into the pathophysiology of pes cavus in charcot-marie-tooth disease type 1a duplication. *J Neurol*. 2011; 258:1594-1602. [Review abstract](https://www.ncbi.nlm.nih.gov/pubmed/?term=Berciano+J%2C+Gallardo+E%2C+Garcia+A%2C+et+al.+New+insignts+into+the+pathophysiology+of+pes+cavus+in+charcot-marie-tooth+disease+type+1a+duplication.+J+Neurol.+2011%3B+258%3A1594-1602.)

Nielsen G, Stone J, Matthews A, et al. Physiotherapy for functional motor disorders: a consensus recommendation. *J Neurol Neurosurg Psychiatry*. 2015; 86(10):1113-9. [Review abstract](https://www.ncbi.nlm.nih.gov/pubmed/?term=Nielsen+G%2C+Stone+J%2C+Matthews+A%2C+et+al.+Physiotherapy+for+functional+motor+disorders%3A+a+consensus+recommendation.)

Recommended:

Messa, J. Overview of physical therapy management of patients with traumatic brain injury. *Neurology Report.* 1990;14:9-12. Abstract Unavailable

Herdman SJ, Clendaniel RA. *Vestibular Rehabilitation*, 4th ed. Philadelphia, PA, F. A. Davis Co, 2014.