References: Neuromodulation for Spinal Cord Injury: OTs' Role in Enhancing Outcomes

1. Angeli CA, Boakye M, Morton RA, Vogt J, Benton K, Chen Y, Ferreira CK, Harkema SJ. Recovery of Over-Ground Walking after Chronic Motor Complete Spinal Cord Injury. N Engl J Med. 2018 Sep 27;379(13):1244-1250. doi: 10.1056/NEJMoa1803588. Epub 2018 Sep 24.
2. Darrow D, Balser D, Netoff TI, Krassioukov A, Phillips A, Parr A, Samadani U. Epidural Spinal Cord Stimulation Facilitates Immediate Restoration of Dormant Motor and Autonomic Supraspinal Pathways after Chronic Neurologically Complete Spinal Cord Injury. J Neurotrauma. 2019 Aug 1;36(15):2325-2336. doi: 10.1089/neu.2018.6006. Epub 2019 Mar 6.
3. Dolbow DR, Gorgey AS, Recio AC, Stiens SA, Curry AC, Sadowsky CL, Gater DR, Martin R, McDonald JW. (2015) Activity-Based Restorative Therapies after Spinal Cord Injury: Inter-institutional conceptions and perceptions. *Aging and Disease.* 2015: 6(4): 254-261. doi: 10.14336/AD.2014.1105.
4. Gerasimenko YP, Lu DC, Modaber M, Zdunowski S, Gad P, Sayenko DG, Morikawa E, Haakana P, Ferguson AR, Roy RR, and Edgerton VE. Noninvasive reactivation of motor descending control after paralysis. *Journal of Neurotrauma*. 2015.
5. Gorodnichev RM, Pivovarova EA, Puhov A, Moiseev SA, Savochin AA, Moshonkina TR, Chsherbakova NA, Kilimnik VA, Selionov VA, Kozlovskaya IB, Edgerton VR, Gerasimenko YP. Transcutaneous electrical stimulation of the spinal cord: a noninvasive tool for the activation of stepping pattern generators in humans. *Human Phys.* 2012;38(2):158-167.
6. Harkema S, Behrman A, Barbeau H. Evidence-based therapy for recovery of function after spinal cord injury. *Handbook for Clinical Neurology.*2012;109(3):261-274.
7. Harkema S, Gerasimenko Y, Hodes J, Burdick J, Angeli C, Chen Y, Ferreira C, Whillhite A, Reic E, Grossman R, Edgerton VR. Effect of Epidural stimulation of the lumbosacral spinal cord on voluntary movement, standing, and assisted stepping after motor complete paraplegia: a case study. Lancet. 2011 Jun 4; 377(9781): 1938–1947. doi: 10.1016/S0140-6736(11)60547-3
8. Harkema SJ. Plasticity of interneuoronal networks of the functionally isolated human spinal cord. *Brain Research Review.*2008;57:255-264.
9. Hofstoetter US, Krenn M, Danner, SM, Hofer C, Kern H, McKay WB, Mayr W, Minassian K. Augmentation of voluntary locomotor activity by transcutaneous spinal cord stimulation in motor-incomplete spinal cord-injured individuals. *Artif Organs*. 2015; 39(10):176-186.
10. Hofstoetter US, Mckay WB, Tansey KE, Mayr W, Kern HK. Modification of spasticity by transcutaneous spinal cord stimulation in individuals with incomplete spinal cord injury. *J Spinal Cord Med*. 2014;37(2):202-211.
11. Inanici F, Samejima S, Gad P, Edgerton VR, Hofstetter CP, Moritz CT. Transcutaneous Electrical Spinal Stimulation Promotes Long-Term Recovery of Upper Extremity Function in Chronic Tetraplegia. IEEE Trans Neural Syst Rehabil Eng. 2018 Jun;26(6):1272-1278. doi: 10.1109/TNSRE.2018.2834339.
12. Minassian K, Hofstoetter US, Danner SM, Mayr W, Bruce JA, McKay WB, Tansey KE. Spinal rhythm generation by step-induced feedback and transcutaneous posterior root stimulation in complete spinal cord-injured individuals. *Neurorehabil and Neural Repair.* 2015; 29 (5): 395-495.