



Publications 2023

Segmental motor recovery after cervical spinal cord injury relates to density and integrity of corticospinal tract projections. Gustavo Balbinot, Guijin Li, Sukhvinder Kalsi-Ryan, Rainer Abel, Doris Maier, Yorck-Bernhard Kalke, Norbert Weidner, Rüdiger Rupp, Martin Schubert, Armin Curt, Jose Zariffa. *Nat Commun.* 2023 Feb 9;14(1):723. doi: 10.1038/s41467-023-36390-7.

Walking Outcome After Traumatic Paraplegic Spinal Cord Injury: The Function of Which Myotomes Makes a Difference? Cathomen A, Maier D, Kriz J, Abel R, Röhrich F, Baumberger M, Scivoletto G, Weidner N, Rupp R, Jutzeler CR, Steeves JD, Curt A, Bolliger M; EMSCI study group. 2023 Apr 11:15459683231166937. doi: 10.1177/15459683231166937. Online ahead of print.

Nerve transfer after cervical spinal cord injury: Who has a "time sensitive" injury based on electrodiagnostic findings? Berger MJ, Dengler J, Westman A, Curt A, Schubert M, Abel R, Weidner N, Röhrich F, Fox IK; European Multicentre Study About Spinal Cord Injury Database Working Group. 2023 Nov 16:S0003-9993(23)00648-2. doi: 10.1016/j.apmr.2023.11.003. Online ahead of print.

Computer International Standards for Neurological Classification of Spinal Cord Injury (ISNCSCI) algorithms: a review. Walden K, Schuld C, Noonan VK, Rupp R. *Spinal Cord.* 2023 Feb;61(2):125-132. doi: 10.1038/s41393-022-00854-2. Epub 2022 Sep 16.

Reviews

Importance of Prospective Registries and Clinical Research Networks in the Evolution of Spinal Cord Injury Care. Kelly-Hedrik M, Abd-El-Barr MM, Aarabi B, Curt A, Howley SP, Harrop JS, Kirshblum S, Neal CJ, Noonan V, Park C, Ugiliweneza B, Tator C, Toups EG, Fehlings MG, Williamson T, Guest JD. *J Neurotrauma.* 2023 Sep;40(17-18):1834-1848. doi: 10.1089/neu.2022.0450.