



Publications 2017

Upper Limb Recovery in Spinal Cord Injury: Involvement of Central and Peripheral Motor Pathways.

Petersen JA, Spiess M, Curt A, Weidner N, Rupp R, Abel R; EM-SCI Study Group, Schubert M. *Neurorehabil Neural Repair*. 2017 May;31(5):432-441. doi: 10.1177/1545968316688796. Epub 2017 Jan 27.

Early Administration of Gabapentinoids Improves Motor Recovery after Human Spinal Cord Injury.

Warner FM, Cragg JJ, Jutzeler CR, Röhrich F, Weidner N, Saur M, Maier DD, Schuld C; EMSCI Sites, Curt A, Kramer JK. *Cell Rep*. 2017 Feb 14;18(7):1614-1618. doi: 10.1016/j.celrep.2017.01.048.

Spinal cord ability ruler: an interval scale to measure volitional performance after spinal cord injury.

Reed R, Mehra M, Kirshblum S, Maier D, Lammertse D, Blight A, Rupp R, Jones L, Abel R, Weidner N; EMSCI Study Group; SCOPE, Curt A, Steeves J. *Spinal Cord*. 2017 Aug;55(8):730-738. doi: 10.1038/sc.2017.1. Epub 2017 Mar 21.

Ten Meters Walking Speed in Spinal Cord-Injured Patients: Does Speed Predict Who Walks and Who Rolls?

van Silfhout L, Hosman AJF, Bartels RHMA, Edwards MJR, Abel R, Curt A, van de Meent H; EM-SCI Study Group. *Neurorehabil Neural Repair*. 2017 Sep;31(9):842-850. doi: 10.1177/1545968317723751. Epub 2017 Aug 8.

Physical therapy is targeted and adjusted over time for the rehabilitation of locomotor function in acute spinal cord injury interventions in physical and sports therapy.

Franz M, Richner L, Wirz M, von Reumont A, Bergner U, Herzog T, Popp W, Bach K, Weidner N, Curt A. *Spinal Cord*. 2017 Oct 23. doi: 10.1038/s41393-017-0007-5. [Epub ahead of print]

The Graded and Redefined Assessment of Strength, Sensibility and Prehension (GRASSP) Version 2 provides interval measure properties.

Velstra IM, Fellinghauer CS, Abel RF, Kalsi-Ryan S, Rupp R, Curt A. *J Neurotrauma*. 2017 Nov 21. doi: 10.1089/neu.2017.5195. [Epub ahead of print]