



José Castro

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Publications (7)

Chan Y, Stålberg E, Nandedkar S, de Carvalho M, Shaw P, McDermott C, Jenkins T, Castro J, Barkhaus P, Neuwirth C, Alix J, Weber M. Reinnervation as measured by the motor unit size index is associated with preservation of muscle strength in amyotrophic lateral sclerosis, but not all muscles reinnervate. *Muscle Nerve* 2021; 65:203-210.

Alix J, Nandedkar S, Stålberg E, Barkhaus P, Furtula J, van Dijk J, Baldinger R, Costa J, Otto M, Sandberg A, Schrooten M, Omer T, Moglia C, Neuwirth C, Gelder L, Burkhardt C, Castro J, de Carvalho M, Gawel M, Goedee S, Grosskreutz J, Lenglet T, Weber M. Assessment of the reliability of the motor unit size index (MUSIX) in single subject "round-robin" and multi-centre settings. *Clin Neurophysiol* 2019; 130:666-674.

Neuwirth C, Barkhaus P, Burkhardt C, Castro J, Czell D, de Carvalho M, Nandedkar S, Stålberg E, Weber M. Motor Unit Number Index (MUNIX) detects motor neuron loss in pre-symptomatic muscles in Amyotrophic Lateral Sclerosis. *Clin Neurophysiol* 2016

Neuwirth C, Schrooten M, Omer T, Moglia C, Lenglet T, Grosskreutz J, Goedee S, Gawel M, de Carvalho M, Castro J, Alix J, Burkhardt C, Weber M. Quality Control of Motor Unit Number Index (MUNIX) Measurements in 6 Muscles in a Single-Subject "Round-Robin" Setup. *PloS one* 2016; 11:e0153948.

Neuwirth C, Barkhaus P, Burkhardt C, Castro J, Czell D, de Carvalho M, Nandedkar S, Stålberg E, Weber M. Tracking motor neuron loss in a set of six muscles in amyotrophic lateral sclerosis using the Motor Unit Number Index (MUNIX): a 15-month longitudinal multicentre trial. *J Neurol Neurosurg Psychiatr* 2015; 86:1172-9.

Neuwirth C, Sandberg A, Otto M, Costa J, Castro J, Baldinger R, van Dijk J, Furtula J, Carvalho M, Barkhaus P, Stålberg E, Nandedkar S, Weber M. Motor Unit Number Index (MUNIX): reference values of five different muscles in healthy subjects from a multi-centre study. *Clin Neurophysiol* 2011; 122:1895-8.

Neuwirth C, Sandberg A, Otto M, Costa J, Castro J, Baldinger R, Dijk J, Furtula J, Carvalho M, Barkhaus P, Stålberg E, Nandedkar S, Weber M. Motor Unit Number Index (MUNIX): a novel neurophysiological marker for neuromuscular disorders; test-retest reliability in healthy volunteers. *Clin Neurophysiol* 2011; 122:1867-72.

Projects (0)

No results found.

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