

Upper Limb Robotic Training Study in Spinal Cord Injury

The purpose of this study is to investigate the mechanisms of motor recovery in patients with chronic loss of function in the upper-limb after Spinal Cord Injury, and to characterize the neurophysiological profile of patients and specific muscles that respond to robotic training by using non-invasive brain stimulation , Transcranial Magnetic Stimulation(TMS).

We aim to investigate if arm muscle strength and function improve through innovative visual-sensory-motor upper-limb robotic training.

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