

Synaptic Competitive-Learning Therapy for Spinal Cord Injury

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Letter to Editor

This letter refers to my paper published (JND 1:134, Sept, 26, 2013) titled: Restoring Motor Functions in Spinal cord Injury, Hemiplegic Cerebral Palsy, and Stroke by Botulinum toxin-induced Synaptic Competitive-learning Therapy. The paper has already received tremendous online readerships and is growing. I now invite your readers to please visit the YouTube websites in which I have recently posted video clips of spinal cord compete injury (SCI) paraplegic amphibian animal model to show that synaptic competitive-learning (SCL) therapy brings remarkable and long lasting locomotor recovery. Indeed the roots of the present findings go back to discoveries in the early 1980s that surgically/drug-induced synapse-competition among neuromuscular synapses concurrently generates complementary plasticity and circuit modification effects at spinal cord and cerebral cortical neuronal levels. I believe that the videos will stimulate even greater interest among your readers, convince and encourage them to embark on future studies on higher mammalian species and translate their findings to clinical trials in SCI paralytics.

A New Surgical/ Therapeutic Treatment Model for Spinal cord Injured - Video 1

http://www.youtube.com/watch?v=6xwMGm_8C78

A New Surgical/ Therapeutic Treatment Model for Spinal cord Injured - Video 2

http://www.youtube.com/watch?v=dfr_XoSQZqY

A New Surgical/ Therapeutic Treatment Model for Spinal cord Injured - Video 3

<http://www.youtube.com/watch?v=K7txckEmCM0>

A New Surgical/ Therapeutic Treatment Model for Spinal cord Injured - Video 4

<http://www.youtube.com/watch?v=HVUAg2TKcSE>

A New Surgical/ Therapeutic Treatment Model for Spinal cord Injured - Video 5

<http://www.youtube.com/watch?v=v1jhsCdaQI>