

The Hyperreflexia

The New Hypothesis of the Pathophysiology

For more details concerning the Pathophysiology of the Hyperreflexia,
see the linked video: 

The upper motor neuron injuries indicate the blockage of both the ascending and the descending neural tracts. Since, in order to skip the induced blockage, an intermediate bypass is generated in between by the intermediate neurons (the interneurons). Hence after, the afferent impulses will pass directly from the sensory neuron of the ganglion into the lower motor neurons of the anterior horn of the spine, and to the effector organ sequentially.

*Indeed, what is for a long time supposed to be the physiology of the spinal reflex becomes for me the actual pathophysiology of the hyperreflexia. Moreover, this pathological lower motor neuron circuit does not exist but in the case of upper motor neuron injuries. However, it will remark all the pathological manifestations of the spastic paralysis (or spastic paresis); **figure (1).***

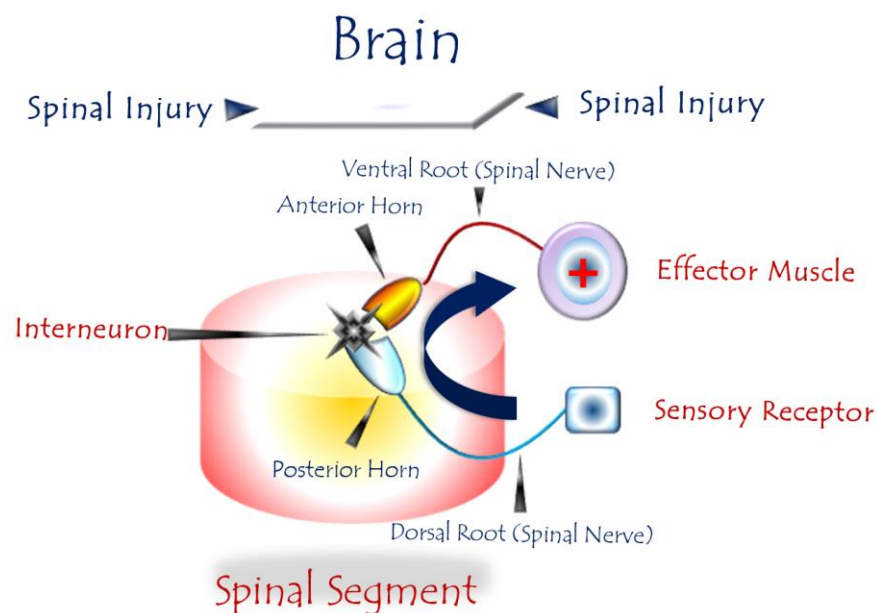


Figure (1)

The New Pathophysiology of Hyperreflexia (The Lower Motor Neuron Circuit)

*[For more details concerning the Pathophysiology of the Hyperreflexia,
see the linked video:](#)* 

I do believe:

*In healthy persons, the lower motor neuron circuit (LMNC) does not exist.
However, when it does exist, it indicates the blockage of the descending neural tracts
and/or the lesion of the upper motor neurons in the brain.
The LMNC is a pathological anatomical and functional circuit. Unfortunately, when it
exists it worsens the outcome of the neural injury.*

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-  [Neural Conduction, Personal View vs. International View \(Innovated\)](#)
-  [Upper Motor Neuron Lesions, Pathophysiology of Symptomatology](#)
-  [Neural Conduction, Action Pressure Waves \(Innovated\)](#)
-  [Neural Conduction, Action Potentials \(Innovated\)](#)
-  [Neural Conduction, Action Electrical Currents \(Innovated\)](#)
-  [The Function of Action Potentials \(Innovated\)](#)
-  [The Three Phases of Neural Conduction \(Innovated\)](#)
-  [Neural Conduction in the Synapse \(Innovated\)](#)
-  [Sensory Receptors](#)
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-  [The Philosophy of Pain, Pain Comes First! \(Innovated\)](#)
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-  [Function of Standard Action Potentials & Currents](#)
-  [Posterior Interosseous Nerve Syndrome](#)
-  [Spinal Reflex, New Hypothesis of Physiology](#)
-  [Hyperreflexia, Innovated Pathophysiology](#)
-  [Clonus, 1st Hypothesis of Pathophysiology](#)
-  [Clonus, 2nd Hypothesis of Pathophysiology](#)
-  [Clonus, Two Hypotheses of Pathophysiology](#)
-  [Hyperreflexia \(1\), Pathophysiology of Hyperactivity](#)
-  [Hyperreflexia \(2\), Pathophysiology of bilateral Responses](#)
-  [Hyperreflexia \(3\), Pathophysiology of Extended Hyperreflex](#)
-  [Hyperreflexia \(4\), Pathophysiology of Multi-Response Hyperreflex](#)
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