


The Hyperreflexia

The Pathophysiology of the Overactive Hyperreflex

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

Thanks to the data processing in the brain, the physiological spinal reflex is always unilateral, well measured, and particularly is coherent with the nature of the stimulus. Actually, the afferent impulses get their own senses in the brain, and nowhere else. It is up to the brain to receive all the afferent data, to analyze them, and then to make the appropriate decision vis-à-vis the contingent stimulus.

However, in case of brain absence, the afferent impulses are directly deviated toward the lower motor neuron, and immediately to the effector muscle ensuete. The effector muscle will then get all the power burden of the afferent impulse as it is, and then accordingly contracts.

*Without the brain filter and treatment, and despite the insignificancy of the stimulus itself, such a raw weak afferent impulse might be of a great impact on the effector muscle. In such way, the contraction of the effector muscle might be exaggerated, over measured, unadjusted, and is especially incoherent with the stimulus energy; **figure (1).***

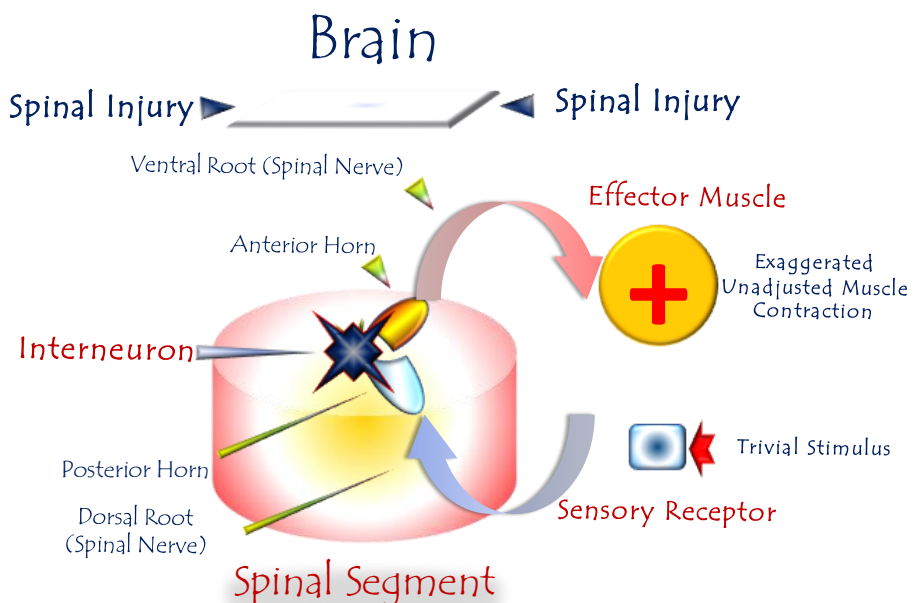



Figure (1)
The Pathophysiology of Overactive Hyperreflexia























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

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