

The Neural Regeneration (Personal View)

*N.B. the Arabic version of this article is the reference,
read it on the following links:*

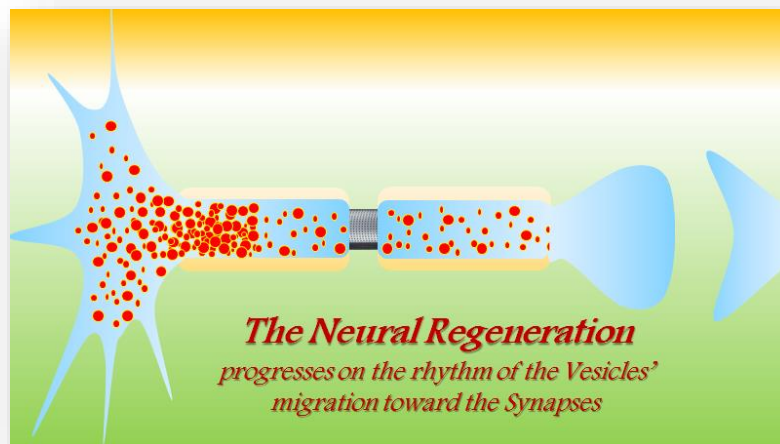


[التَّكْسُ الْفَالِيرِيُّ وَالتَّجْدُّ الْعَصْبِيُّ](#)

[The Wallerian Degeneration & The Neural Regeneration](#)

Unlike the Wallerian Degeneration, the Nerve Regeneration is strictly related to the Vesicles' reappearance in the distal portion of the neural fiber. Furthermore, the nerve regeneration does progress on the rhythm of the Vesicles' migration toward the synapses.

After surgical repair of the nerve section, the vesicles restart their migration toward the Synapses. Upon their arrival to the Synapses, they inject their burdens of the Neurotransmitter into the Synaptic Clefts. Hence, the neural fiber regains its function of Neural Conduction; the details are on the following link:



In another context, one can also read:

-  [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](#)
-  [Nodes of Ranvier, the Equalizers \(Innovated\)](#)
-  [Nodes of Ranvier, the Functions \(Innovated\)](#)
-  [Nodes of Ranvier, First Function \(Innovated\)](#)
-  [Nodes of Ranvier, Second Function \(Innovated\)](#)
-  [Nodes of Ranvier, Third Function \(Innovated\)](#)
-  [Node of Ranvier The Anatomy](#)
-  [The Philosophy of Pain, Pain Comes First! \(Innovated\)](#)
-  [The Philosophy of the Form \(Innovated\)](#)
-  [Spinal Injury, Pathophysiology of Spinal Shock, Pathophysiology of Hyperreflexia](#)
-  [Who Decides the Sex of Coming Baby?](#)
-  [Spinal Shock \(Innovated\)](#)
-  [The Clonus \(Innovated\)](#)
-  [Hyperactivity Hyperreflexia \(Innovated\)](#)

-  [Hyperreflexia, Extended Sector of Reflex](#)
-  [Hyperreflexia, Bilateral Responses](#)
-  [Hyperreflexia, Multiple Responses](#)
-  [Nerve Conduction Study, Wrong Hypothesis is the Origin of the Misinterpretation \(Innovated\)](#)
-  [Wallerian Degeneration \(Innovated\)](#)
-  [Neural Regeneration \(Innovated\)](#)
-  [Wallerian Degeneration Attacks Motor Axons, While Avoids Sensory Axons](#)
-  [Barr Body, the Whole Story \(Innovated\)](#)
-  [Boy or Girl, Mother Decides!](#)
-  [Adam's Rib and Adam's Apple, Two Faces of one Sin](#)
-  [The Black Hole is a \(the\) Falling Star?](#)
-  [Adam's Rib, could be the Original Sin?](#)
-  [Pronator Teres Syndrome, Struthers Like Ligament \(Innovated\)](#)
-  [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](#)

-  [*Barr Body, the Second Look*](#)
-  [*Mitosis in Animal Cell*](#)
-  [*Meiosis*](#)
-  [*Universe Creation, Hypothesis of Continuous Cosmic Nebula*](#)
-  [*Circulating Sweepers*](#)
-  [*Pneumatic Petrous, Bilateral Temporal Hyperpneumatization*](#)
-  [*Ulnar Nerve, Congenital Bilateral Dislocation*](#)
-  [*Oocyogenesis*](#)
-  [*Spermatogenesis*](#)
-  [*This Woman Can Only Give Birth to Female Children*](#)
-  [*This Woman Can Only Give Birth to Male Children*](#)
-  [*This Woman Can Give Birth to Female Children More Than to Male Children*](#)
-  [*This Woman Can Give Birth to Male Children More Than to Female Children*](#)
-  [*This Woman Can Equally Give Birth to Male Children & to Female Children*](#)
-  [*Piriformis Muscle Injection Personal Approach*](#)
-  [*Eve Saved Human's Identity, Adam Ensured Human's Adaptation*](#)
-  [*Corona Virus \(Covid-19\): After Humiliation, Is Targeting Our Genes*](#)
-  [*Claw Hand Deformity \(Brand Operation\)*](#)
-  [*Corona Virus \(Covid-19\): After Humiliation, Is Targeting Our Genes*](#)
-  [*Barr Body; Mystery of Origin & Ignorance of Function*](#)
-  [*The Multiple Sclerosis: The Causative Relationship Between The Galvanic Current & Multiple Sclerosis?*](#)
-  [*Liver Hemangioma: Urgent Surgery of Giant Liver Hemangioma Because of Intra-Tumor Bleeding*](#)
-  [*Cauda Equina Injury, New Surgical Approach*](#)

-  [*Ulnar Dimelia, Mirror hand Deformity*](#)
-  [*Carpal Tunnel Syndrome Complicated by Complete Rupture of Median Nerve*](#)
-  [*Presacral Schwannoma*](#)
-  [*Congenital Bilateral Thenar Hypoplasia*](#)
-  [*Biceps Femoris' Long Head Syndrome \(BFLHS\)*](#)
-  [*Algodystrophy Syndrome Complicated by Constricting Ring at the Proximal Border of the Edema*](#)
-  [*Mandible Reconstruction Using Free Fibula Flap*](#)
-  [*Non- Traumatic Non- Embolic Acute Thrombosis of Radial Artery \(Buerger's Disease\)*](#)
-  [*Isolated Axillary Tuberculosis Lymphadenitis*](#)
-  [*Free Para Scapular Flap \(FPSF\) for Skin Reconstruction*](#)
-  [*Three Steps of Neural Conduction*](#)

19/11/2019