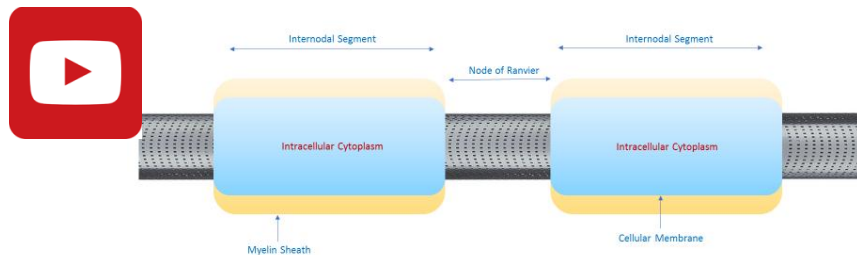


Node of Ranvier, the Functions

*Upon its passage throughout each node of Ranvier,
the action pressure wave undergoes complete maintenance.*

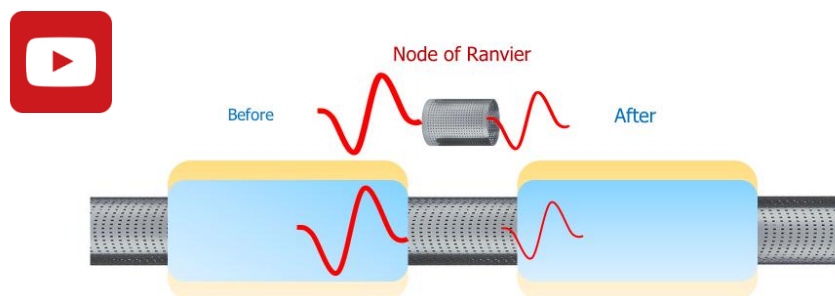
The node of Ranvier corrects the wave's parameters and keeps them within the standards. Moreover, it corrects the wave's trajectory and keeps it at the core of the neural fiber. Finally, and thanks to the massively present pressure-gated sodium channels, it becomes the station where the wave's trough could build up a standard action potential and a standard electrical current subsequently.

See the details in the following video link:



Node of Ranvier, the First Function

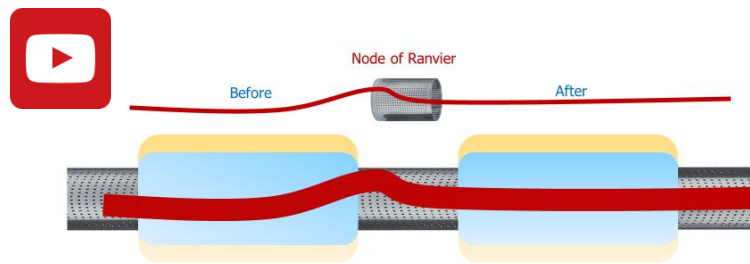
They control the Parameters of the Action Pressure Waves, and keep them within the Standards along the neural fiber. See the details in the following video link:



Node of Ranvier, the Second Function

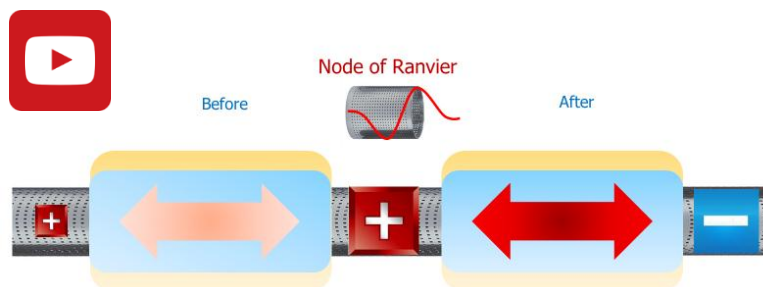
*They correct any deviation in the trajectory of the Action Pressure Wave,
and keep the trajectory at the center along the neural fiber.*

See the details in the following video link:










Node of Ranvier, the Third Function

Thanks to the negative pressure of the Trough of the Action Pressure Wave, nodes of Ranvier build up the Standard Action Potentials and the Standard Electrical Currents as well. See the details in the following video link:



In another context, one can read:

- *Neural Conduction, Personal View vs. International View (Innovated)*
-  *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*
-  *Neural Conduction in the Synapse (Innovated)*
-  *Sensory Receptors*
- *Nodes of Ranvier, the Equalizers (Innovated)*

-  [*Nodes of Ranvier, the Functions \(Innovated\)*](#)
-  [*Nodes of Ranvier, Function N1 \(Innovated\)*](#)
-  [*Nodes of Ranvier, Function N2 \(Innovated\)*](#)
-  [*Nodes of Ranvier, Function N3 \(Innovated\)*](#)
- [*The Philosophy of Pain, Pain Comes First! \(Innovated\)*](#)
- [*The Philosophy of Form \(Innovated\)*](#)
- [*Spinal Injury, pathology of Spinal Shock, Pathology of Hyperreflexia*](#)
-  [*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 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?*](#)

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