

# ELECTROTONUS

*Meaning: Electrotonus is the variation in the excitability of a nerve fiber resulting from an applied electrical current.*

1. Electrotonus refers to the changes in excitability of a nerve fiber in response to an applied electrical current.
2. In studies of electrotonus, researchers analyze how the membrane potential of neurons alters with varying stimulation.
3. The phenomenon of electrotonus is crucial for understanding how electrical signals propagate along nerves.
4. Electrotonus can help in diagnosing certain neurological conditions by revealing abnormalities in nerve response.
5. A deeper understanding of electrotonus may lead to advancements in neuroprosthetics and nerve repair techniques.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/electrotonus>*