

Chronaxie

Meaning: Chronaxie is the minimum time required to stimulate a muscle or nerve with an electrical impulse of double the threshold strength.

1. Chronaxie is a critical parameter in the study of nerve excitability.
2. Researchers often measure chronaxie to assess the health of neural tissues.
3. Understanding chronaxie can aid in developing effective neuromodulation therapies.
4. The chronaxie value can vary significantly between different types of neurons.
5. Clinicians may use chronaxie to determine the optimal stimulation settings for patients.
6. Chronaxie is often contrasted with rheobase in neurophysiological studies.
7. Accurate measurement of chronaxie requires precise electrical stimulation techniques.
8. In experimental settings, chronaxie helps scientists evaluate the effects of drugs on nerve function.
9. A lower chronaxie indicates a higher sensitivity of the nerve to electrical stimulation.
10. The concept of chronaxie is essential for designing effective nerve stimulation devices.

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