

PERINEURIUM

Meaning: Perineurium is a connective tissue layer that encases and protects nerve fascicles within the peripheral nervous system.

1. The perineurium serves as a protective barrier for nerve fibers within the peripheral nervous system.
2. In histological studies, the perineurium is identified as a connective tissue layer surrounding each nerve fascicle.
3. Damage to the perineurium can lead to impaired nerve function and potential sensory loss.
4. Research on the perineurium has revealed its role in regulating the microenvironment of nerve tissues.
5. An understanding of the perineurium's structure is crucial for developing treatments for nerve injuries.

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