

MYOTOME

Meaning: Myotome: a segment of mesodermal tissue in a developing embryo that gives rise to specific skeletal muscles.

1. The myotome is a fundamental concept in understanding the development of skeletal muscles.
2. During embryonic development, each myotome differentiates into specific muscle groups.
3. Medical students learn about myotomes to better understand motor function and nerve supply.
4. In cases of spinal cord injury, assessing the myotome can help determine the extent of muscle weakness.
5. Research on myotomes can provide insights into muscle regeneration and repair mechanisms.

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