

Anterior tibial muscle

In neurosurgical practice, anterior tibial muscle paralysis is generally thought to be due to axonal degeneration of nerve fibers, derived from spinal segment L5. However, modern electrophysiological studies to determine the segmental innervation of anterior tibial muscle showed considerable individual variations and segmental overlap ¹⁾.

1)

Voermans NC, Koetsveld AC, Zwarts MJ: Segmental overlap: Foot drop in S1 radiculopathy. Acta Neurochir (Wien) 148: 809-813, 2006

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