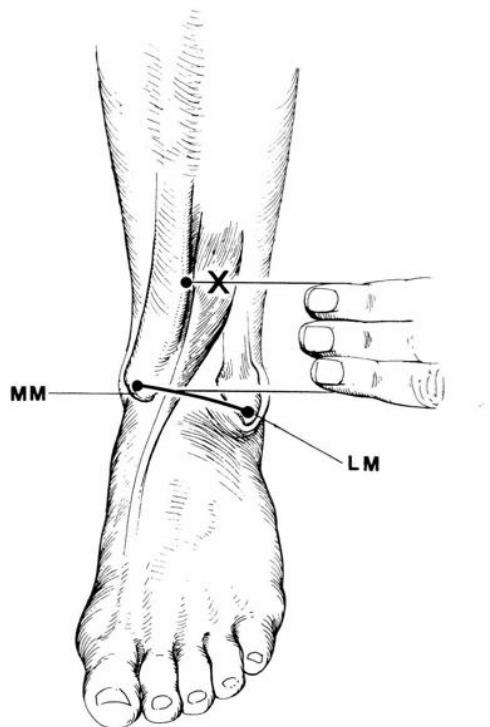


EXTENSOR HALLUCIS LONGUS



Innervation

Deep Peroneal Nerve, Common Peroneal Nerve, Sciatic Nerve, Posterior Division Sacral Plexus, L5, S1.

Origin

From the midportion of the shaft of the fibula.

Insertion

Into the distal phalanx of the great toe.

Position

The patient supine.

Electrode Insertion (X)

Three fingerbreadths above the bimalleolar line (MM–LM) of the ankle just lateral to the crest of the tibia.

Test Maneuver

Patient to extend the big toe or to dorsiflex the foot.

Pitfalls

If the electrode is inserted too superficially and too proximally it will be in the tibialis anterior; if inserted too laterally it will be in the Peroneus tertius.

Comments

- (a) Involved in:
 - 1. Anterior compartment syndrome
 - 2. Lesion of the deep peroneal nerve
 - 3. Common peroneal nerve
 - 4. Sciatic nerve
 - 5. Sacral plexus
 - 6. L5, S1 root lesions.

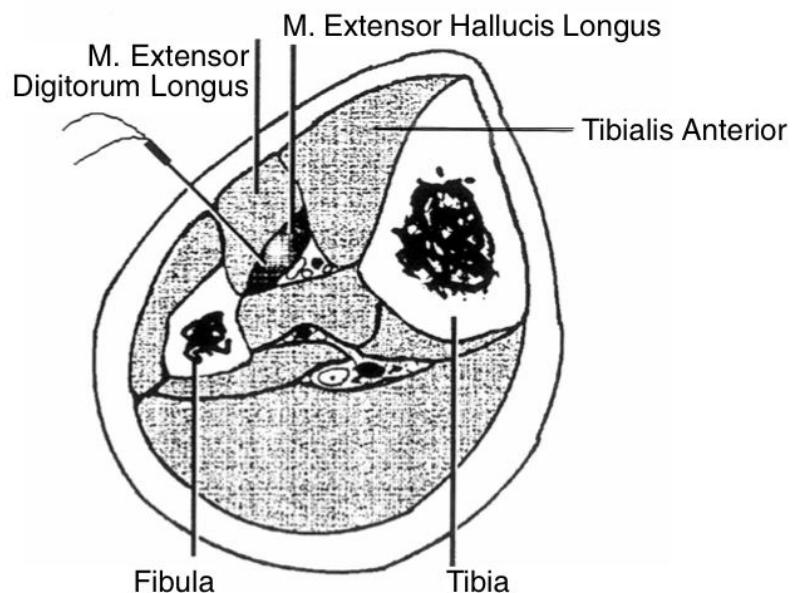


Figure 54. Cross section of the leg through the junction of the middle and lower third.