

Anatomy & Physiology: Muscles—Tibialis Posterior.

STRUCTURE.

- Origin: proximal 2/3 of posterior surface of the tibia and fibula.
- Insertion: every tarsal bone except the talus; the bases of the 2nd-4th metatarsal bones; main insertion on navicular tuberosity & medial cuneiform.

FUNCTION.

- Concentric action: ankle plantar flexion & inversion.
- Reverse mover action: plantarflexion; inversion/supination of talus at subtalar joint.
- Eccentric action: ankle dorsiflexion and eversion.
- Isometric action: stabilization of foot arch.
- Innervation: tibial nerve.
- Arteral supply: posterior tibial artery.

CLINICAL SIGNIFICANCE.

References

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