

Anatomy & Physiology: Muscles—Fibularis (Peroneus) Longus.

STRUCTURE.

- Origin: fibular head and body; lateral condyle of tibia.
- Insertion: metatarsal I and first cuneiform.

FUNCTION.

- Concentric action: plantar flexion; eversion.
- Reverse mover action: evert talus at subtalar joint; plantar flexion.
- Eccentric action: decelerates ankle dorsiflexion and inversion.
- Isometric action: stabilization of foot and ankle.
- Innervation: superficial fibular (peroneal) nerve.
- Arterial supply: fibular artery.

CLINICAL SIGNIFICANCE.

References

Biel, A. (2015). *Trail guide to the body: A hands-on guide to locating muscles, bones and more.*

Clark, M., Lucett, S., Sutton, B. G., & National Academy of Sports Medicine. (2014). *NASM essentials of corrective exercise training.* Burlington, MA: Jones & Bartlett Learning.

Jenkins, G., & Tortora, G. J. (2012). *Anatomy and Physiology: From Science to Life, 3rd Edition International Stu.* John Wiley & Sons.

Muscolino, J. E. (2017). *The muscular system manual: The skeletal muscles of the human body.*