

## Anatomy & Physiology: Muscles—Adductor Brevis.

### STRUCTURE.

- Origin: anterior surface of the inferior pubic ramus of the pelvis.
- Insertion: proximal 1/3 of the linea aspera of the femur.

### FUNCTION.

- Concentric action: accelerates hip adduction, flexion, and internal/medial rotation.
- Reverse mover action: anterior tilt pelvis, ipsilateral elevation and rotation of pelvis.
- Eccentric action: decelerates hip adduction, extension, and external rotation.
- Isometric action: stabilization of lumbo-pelvic hip complex.
- Innervation: obturator nerve.
- Arterial supply: deep femoral artery, obturator 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.*