

Anatomy & Physiology: Muscles—Piriformis.

STRUCTURE.

- Origin: anterior surface of sacrum.
- Insertion: greater trochanter of femur.
- Of deep rotator group.

FUNCTION.

- Concentric action: accelerates abduction, and external/lateral rotation.
- Reverse mover action: contralateral and ipsilateral rotation of the pelvis.
- Eccentric action: decelerates hip flexion, adduction and internal rotation.
- Isometric action: stabilization hip and sacroiliac joints.
- Innervation: sacral spinal nerves S1 (mainly) and S2.
- Arterial supply: superior and inferior gluteal arteries.

CLINICAL SIGNIFICANCE.

References

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