

## Anatomy & Physiology: Muscles—Quadratus Femoris.

### STRUCTURE.

- Origin: ischial tuberosity.
- Insertion: superior to mid-portion of intertrochanteric crest (quadrate tubercle) on posterior femur.
- Of deep lateral rotator group.

### FUNCTION.

- Concentric action: lateral rotation.
- Reverse mover action: contralateral rotation of pelvis.
- Eccentric action: decelerates internal/medial rotation.
- Isometric action: stabilization hip and sacroiliac joints.
- Innervation: nerve to quadratus femoris.
- Arterial supply: inferior gluteal artery, obturator artery.

### CLINICAL SIGNIFICANCE.

## References

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