

Anatomy & Physiology: Muscles—Vastus Lateralis.

STRUCTURE.

- Origin: greater trochanter and linea aspera of femur.
- Insertion: patella via quadriceps tendon and tibial tuberosity via patellar ligament.

FUNCTION.

- Concentric action: accelerate knee flexion.
- Reverse mover action: thigh extension.
- Eccentric action: decelerates knee extension.
- Isometric action: stabilization of the knee.
- Innervation: femoral nerve.
- Arterial supply: femoral artery, popliteal artery.

CLINICAL SIGNIFICANCE.

References

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