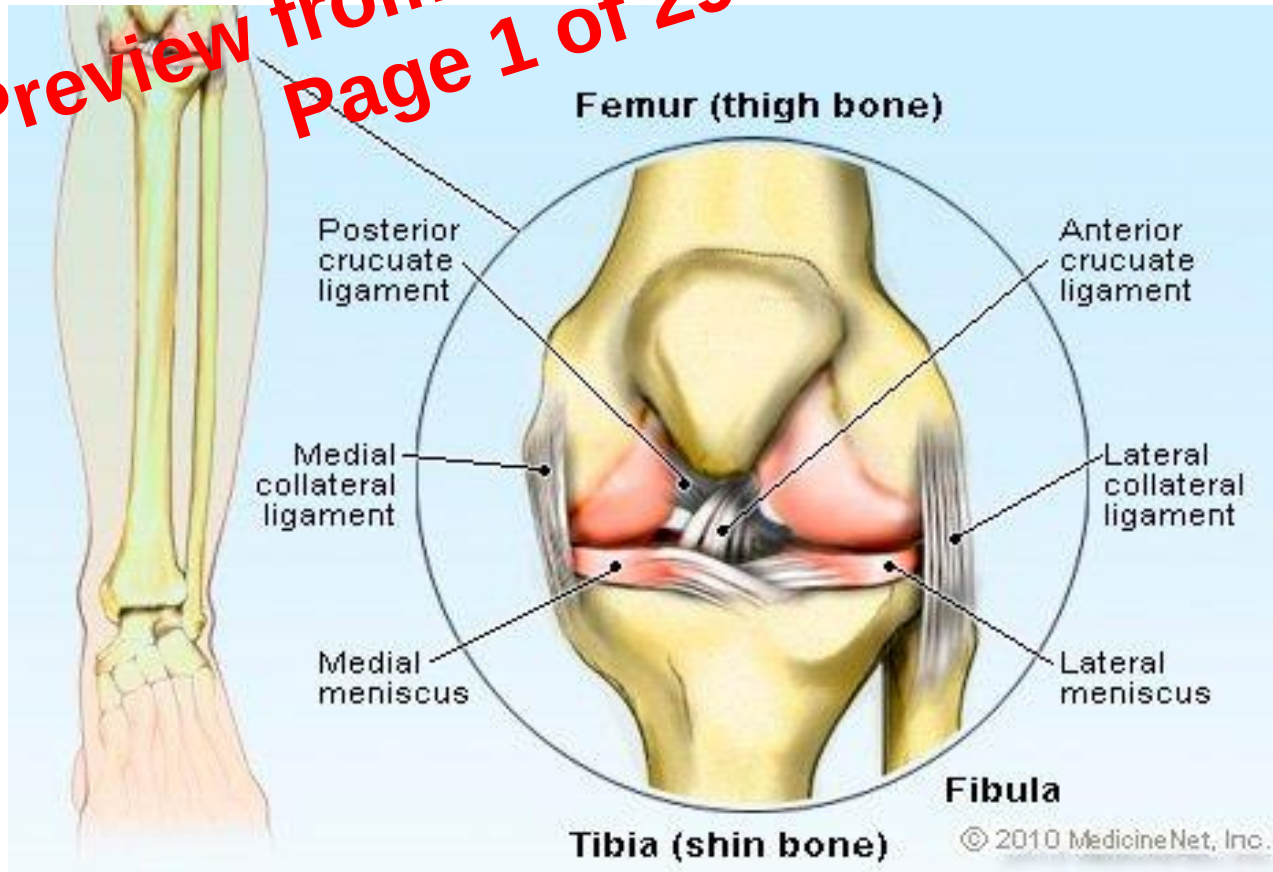




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Knee joint



Quadriceps femoris:

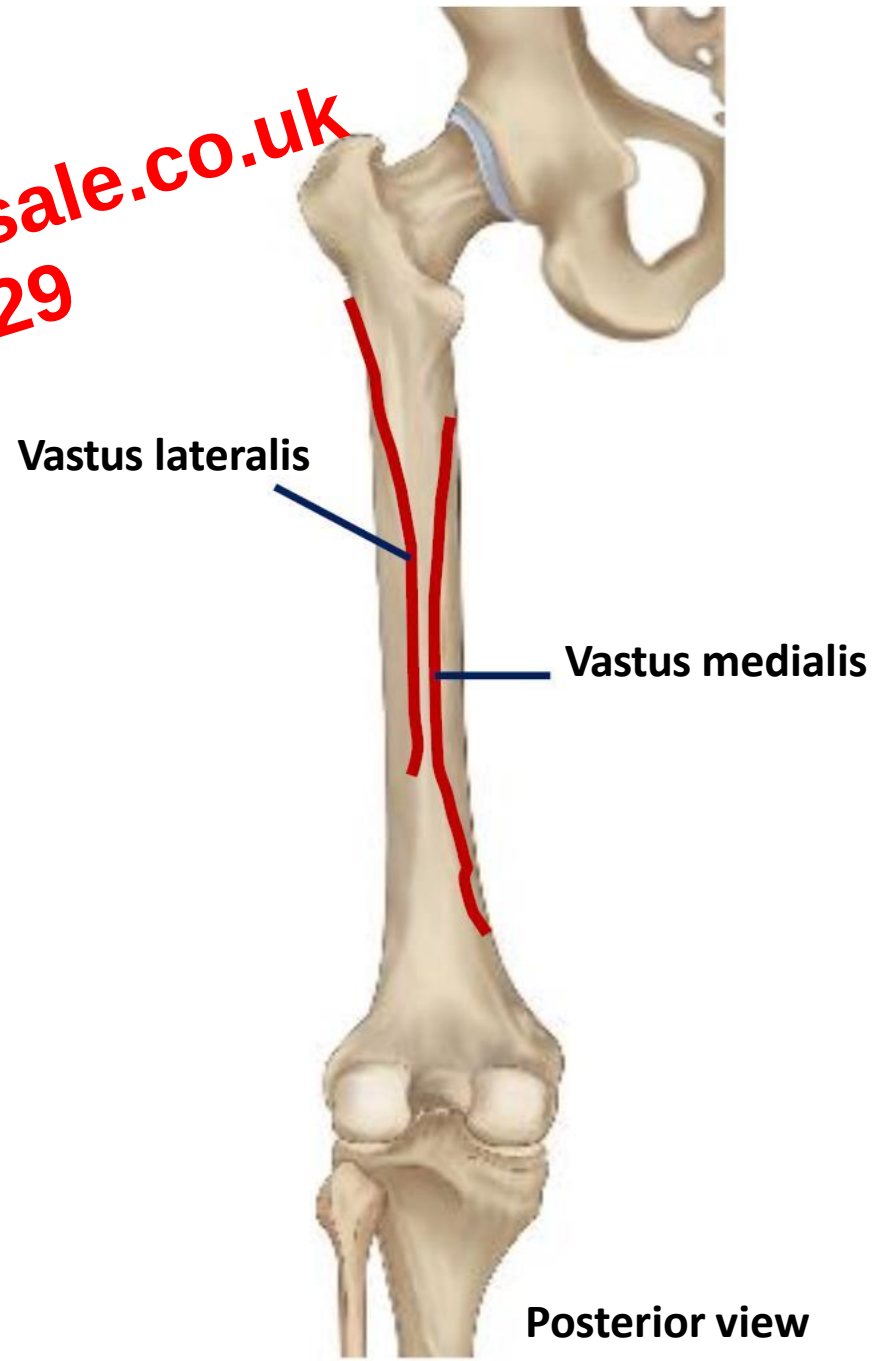
Origin:

2) Vastus medialis:

- Lower part of intertrochanteric line, spiral line, medial lip of linea aspera, and medial supracondylar ridge.

3) Vastus lateralis:

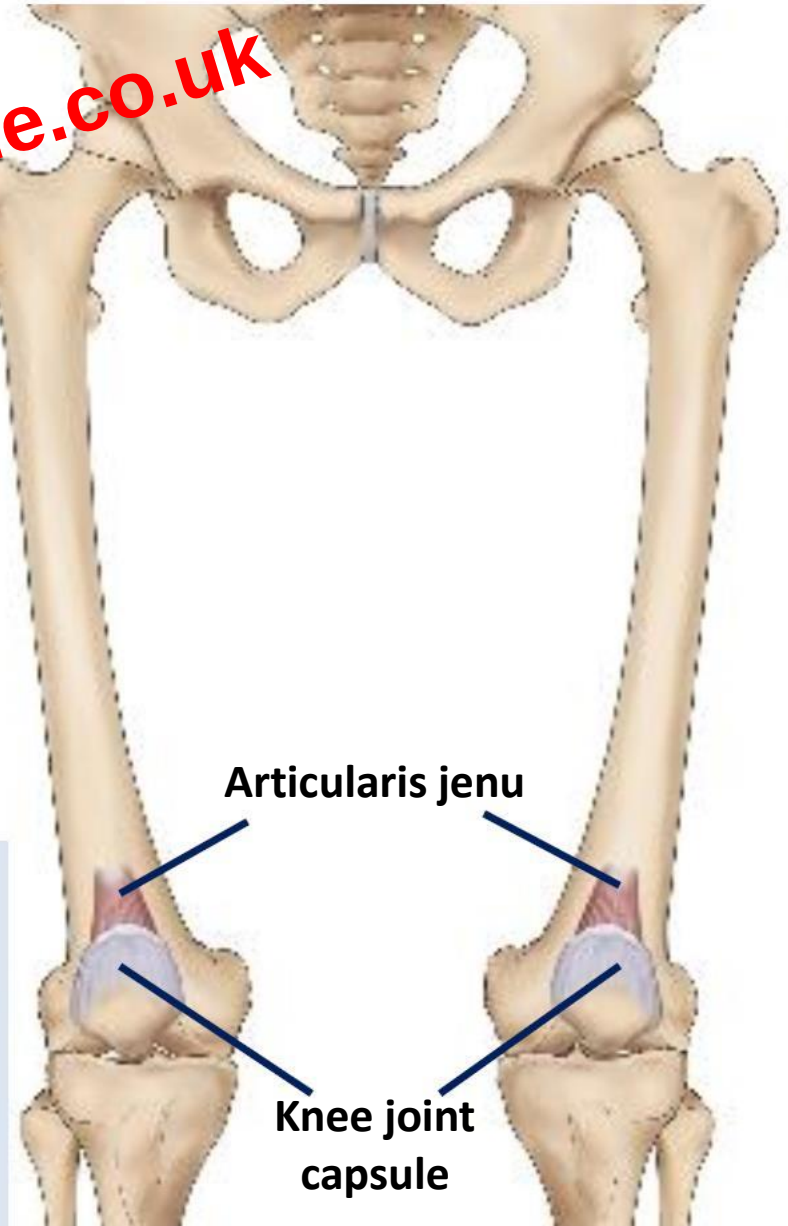
- Root of greater trochanter, lateral lip of gluteal tuberosity, and lateral lip of linea aspera.



Quadriceps femoris:

Actions (cont.):

- **Lower deep** fibers of vastus intermedius forms articularis genu muscle which tenses and pulls the knee joint **capsule** superiorly during **knee extension** to **protect** it from **crushing** between femur and tibia.
- **Quadriceps** muscle is **supplied** by **femoral** nerve (it is an **anterior compartment** muscle).
- Each head has its own branch from the femoral nerve.



Biceps femoris:

Origin:

- **Long head:** ischial tuberosity + sacrotuberous ligament.
- **Short head:** lower part of lateral lip of linea aspera + upper part of lateral supracondylar ridge.

Insertion:

- Into the head of fibula.

