

vastus medialis

sartorius

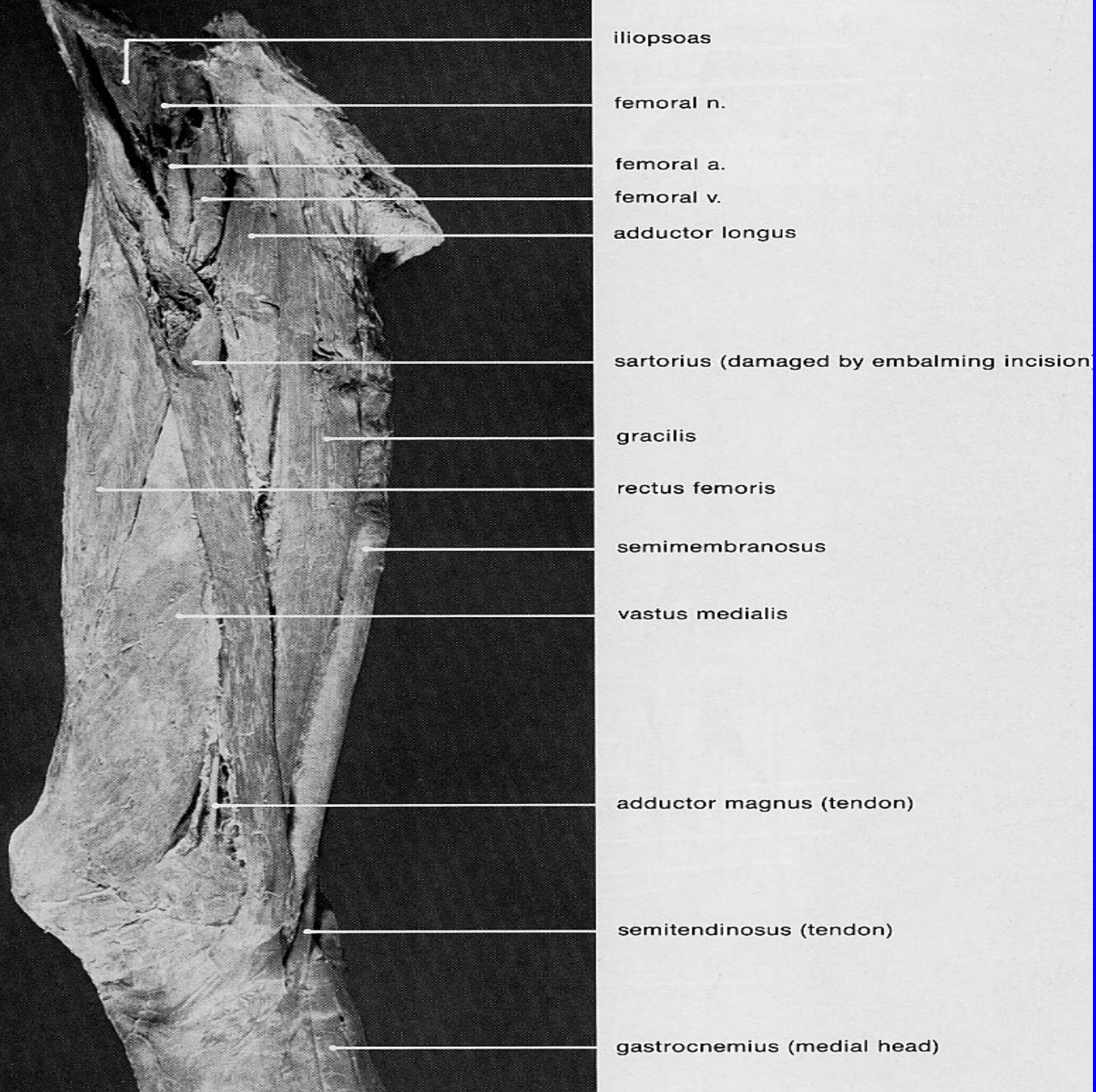
rectus femoris

vastus lateralis

adductor longus

sartorius

tensor fasciae latae



iliopsoas

femoral n.

femoral a.

femoral v.

adductor longus

sartorius (damaged by embalming incision)

gracilis

rectus femoris

semimembranosus

vastus medialis

adductor magnus (tendon)

semitendinosus (tendon)

gastrocnemius (medial head)

SARTORIUS

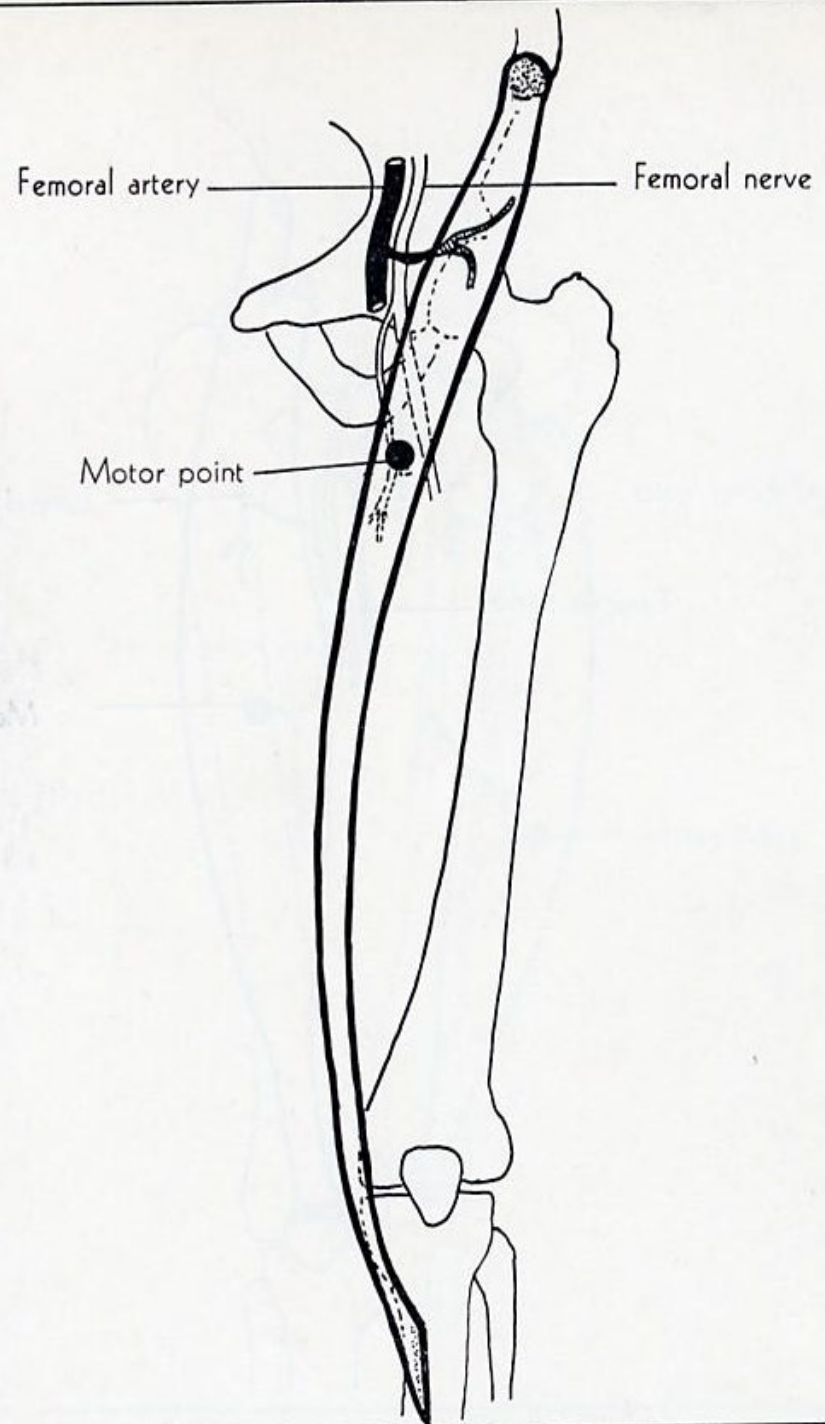
ORIGIN: anterior superior iliac spine, upper half of iliac notch.

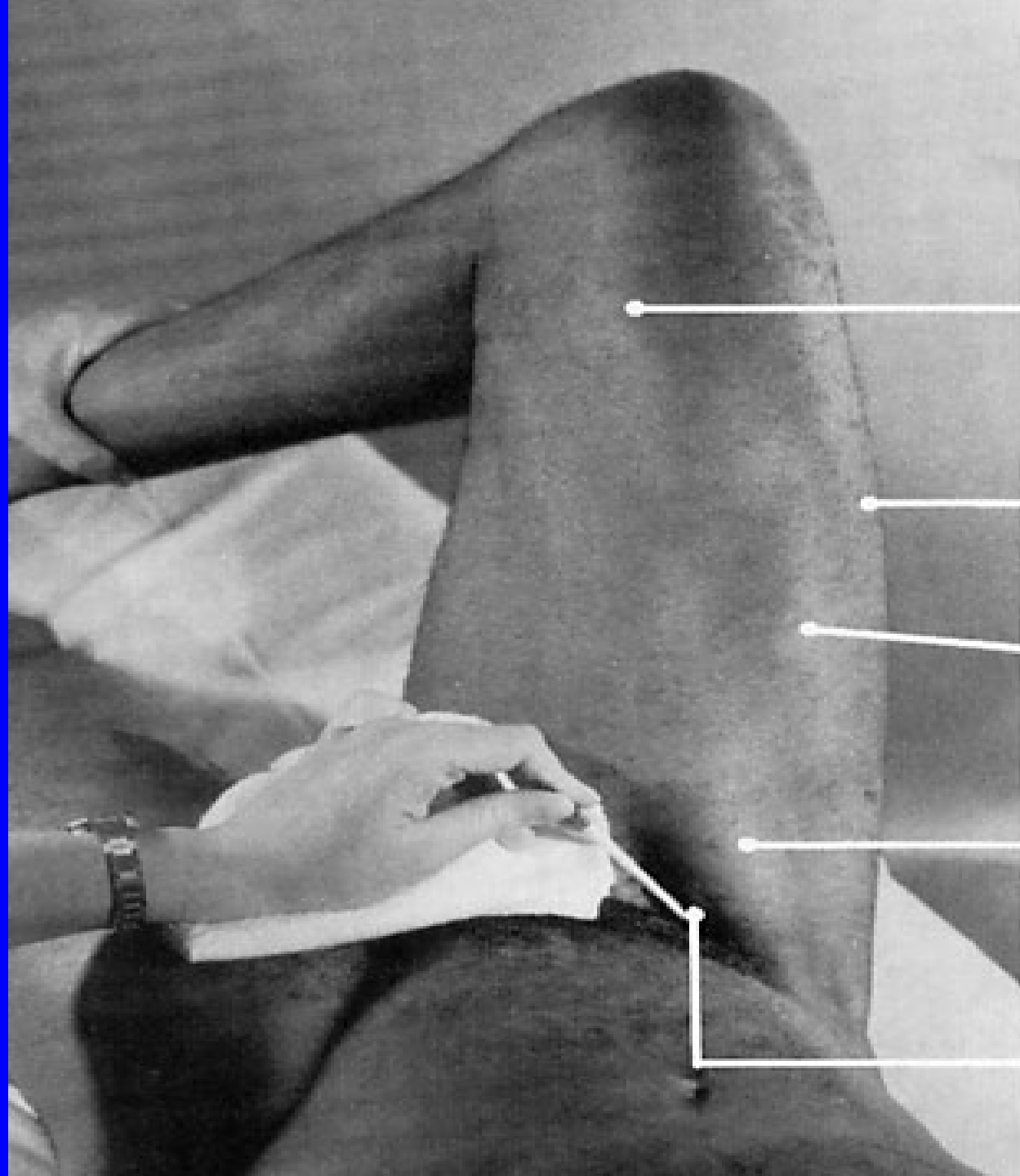
INSERTION: upper part of medial surface of tibia.

ACTION: flexes leg on thigh, flexes thigh on pelvis, external rotation of the thigh.

NERVE: femoral.

ROOT: L2, L3 mainly L2





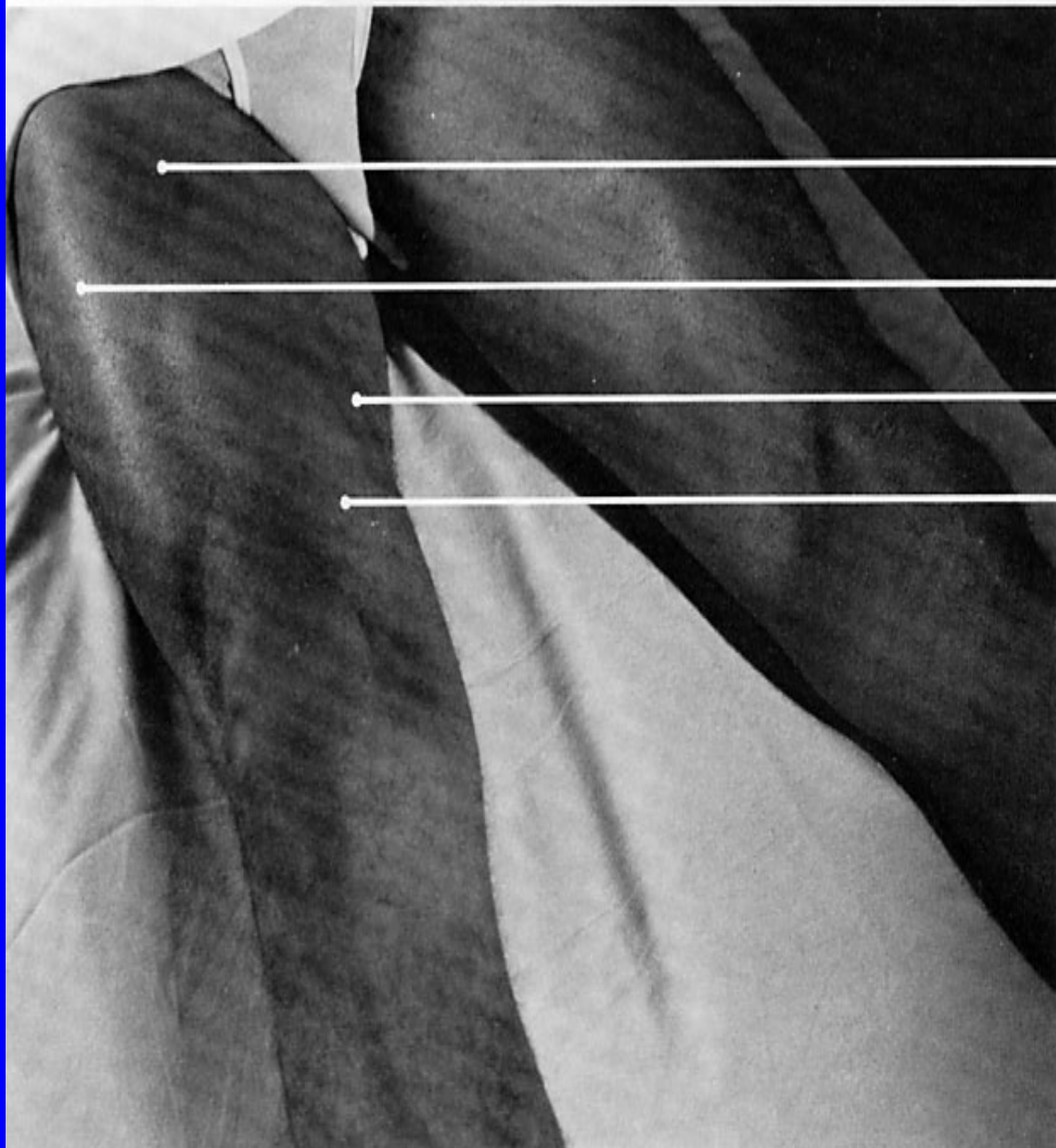
**vastus
medialis**

**vastus
lateralis**

**rectus
femoris**

sartorius

**medial
border of
sartorius**

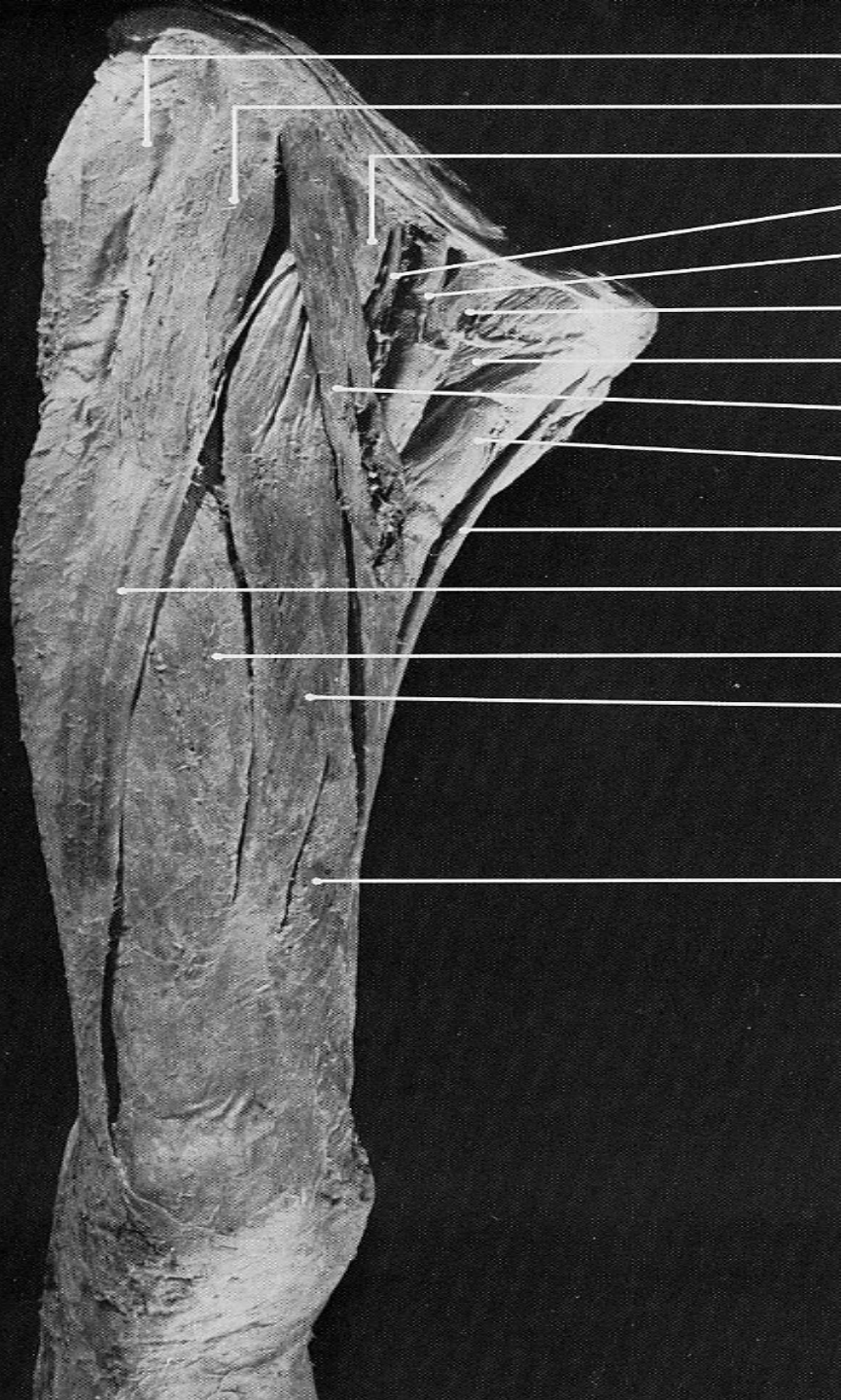


rectus femoris

vastus lateralis

sartorius

vastus medialis



fascia overlying gluteus medius

tensor fasciae latae

iliopsoas

femoral n.

femoral a.

femoral v.

pectineus

sartorius (damaged by embalming incision)

adductor longus

gracilis

iliotibial tract

vastus lateralis

rectus femoris

vastus medialis

RECTUS FEMORIS

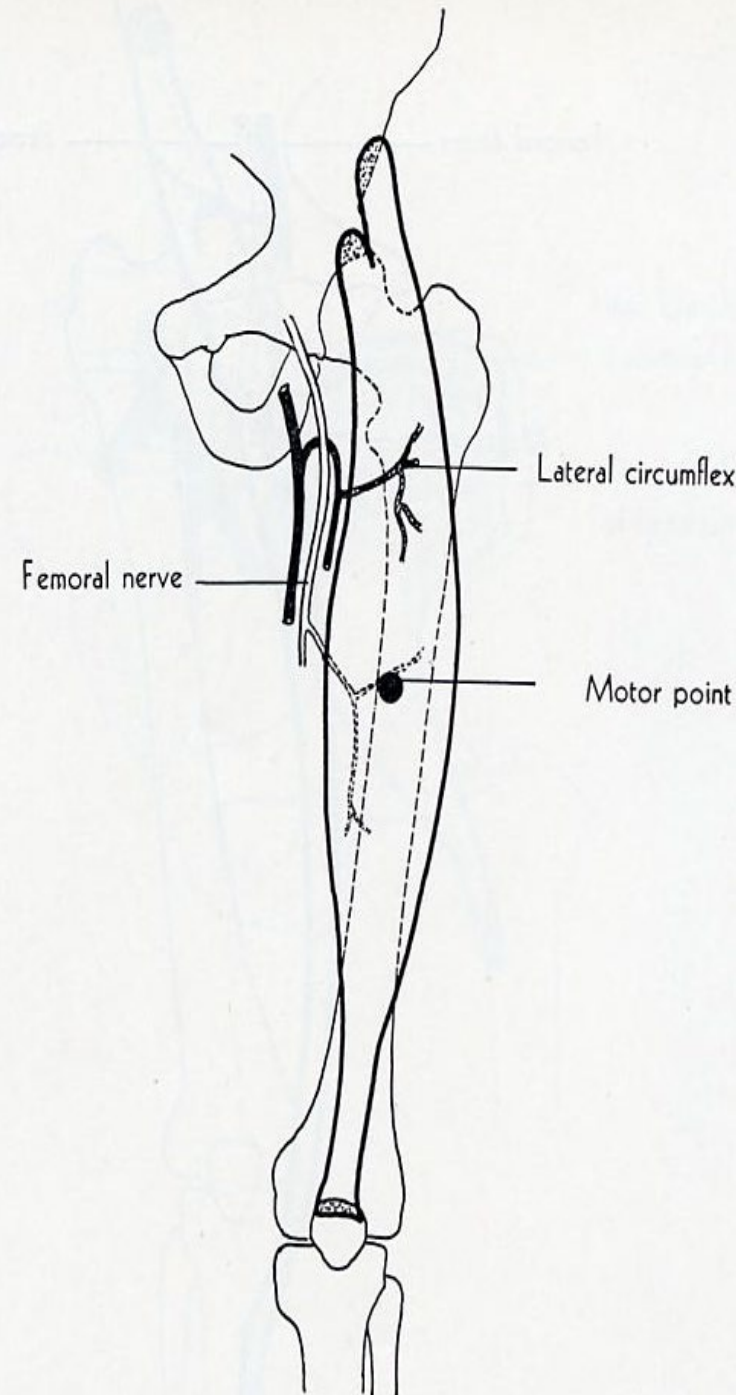
ORIGIN: anterior inferior iliac spine, groove on upper brim of acetabulum

INSERTION: upper border of the patellar, by ligamentum patellae into tibial tubercle

ACTION: extends leg, flexes thigh.

NERVE: femoral

ROOT: L2, L3 and L4 mainly L3.





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VASTUS LATERALIS

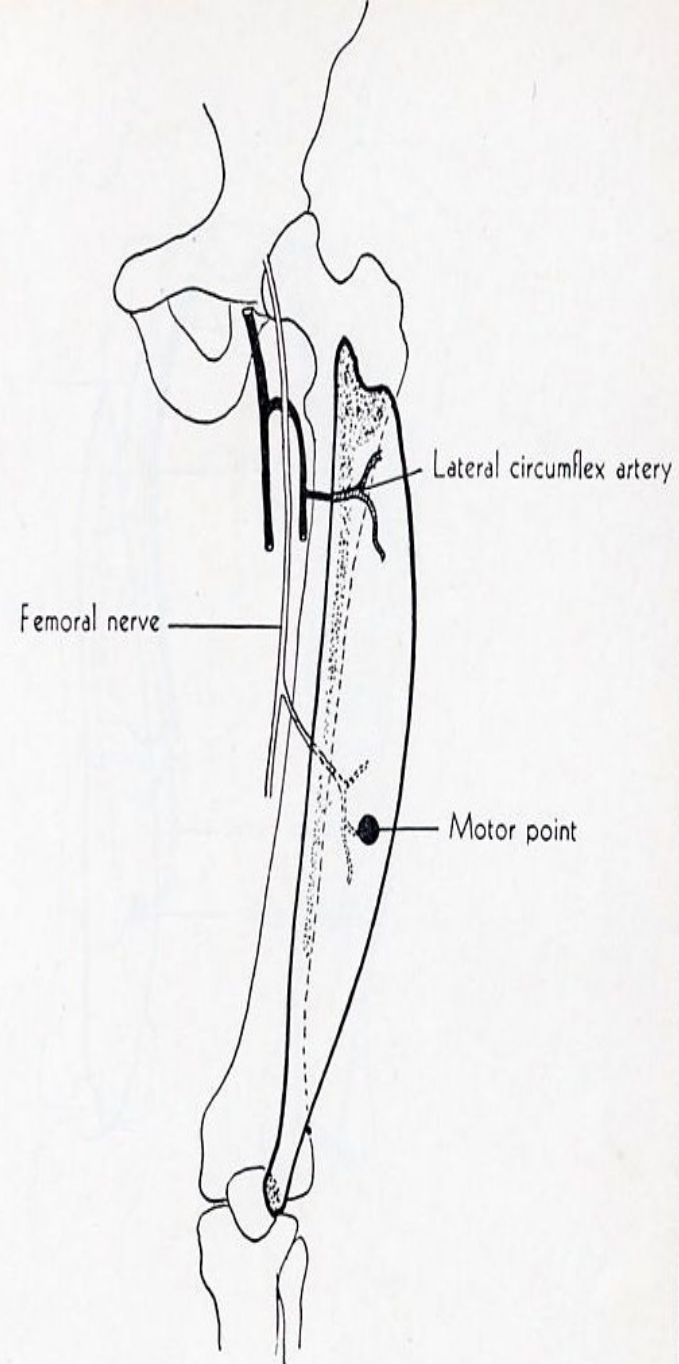
ORIGIN: capsule of the hip joint, intertrochanteric line, greater trochanter, gluteal tuberosity, linea aspera, lateral intramuscular septum.

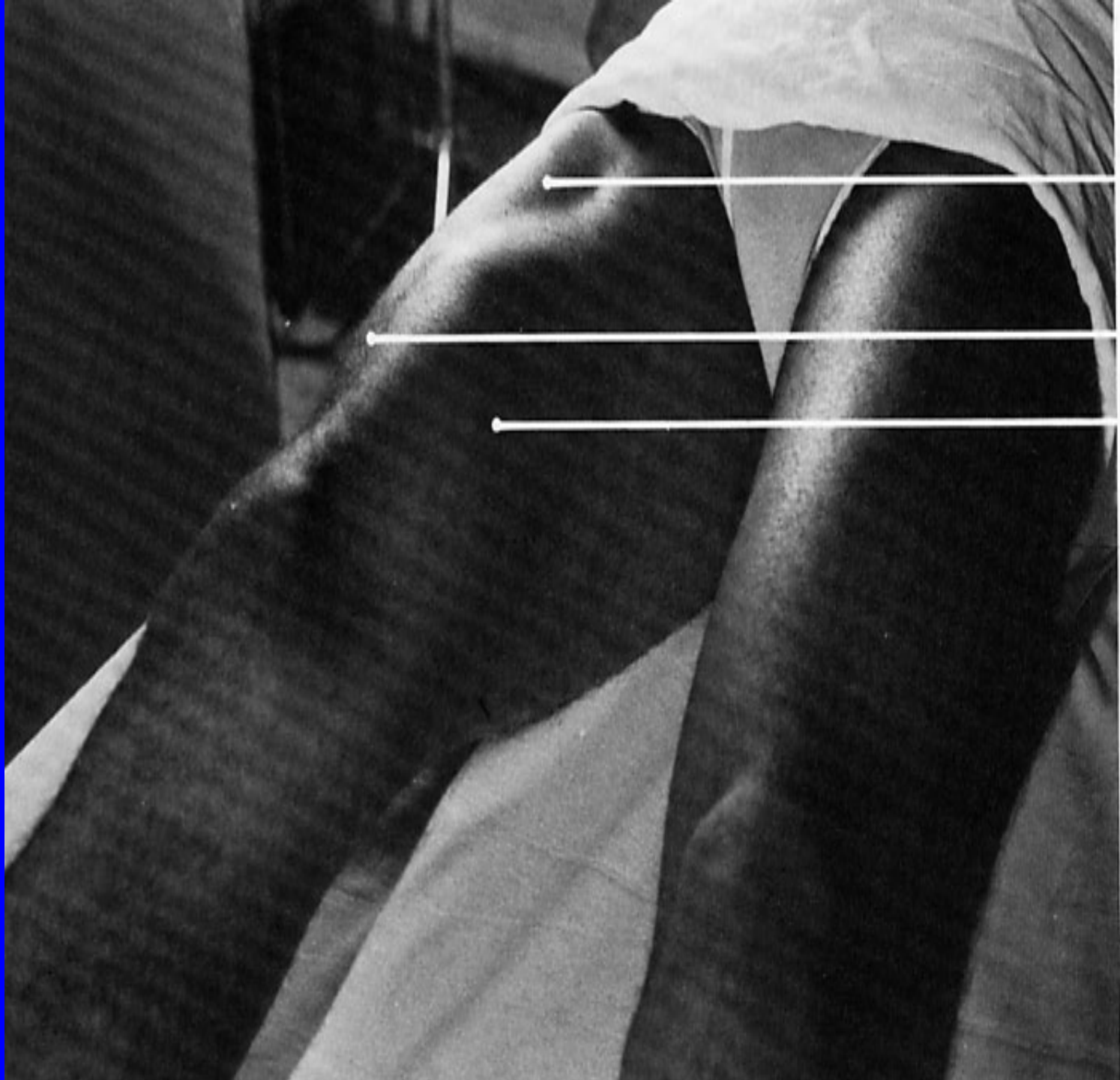
INSERTION: lateral border of patella, ligamentum patellae into tibial tubercle.

ACTION: extends leg

NERVE: femoral

ROOT: L2, L3 and L4 mainly L4.

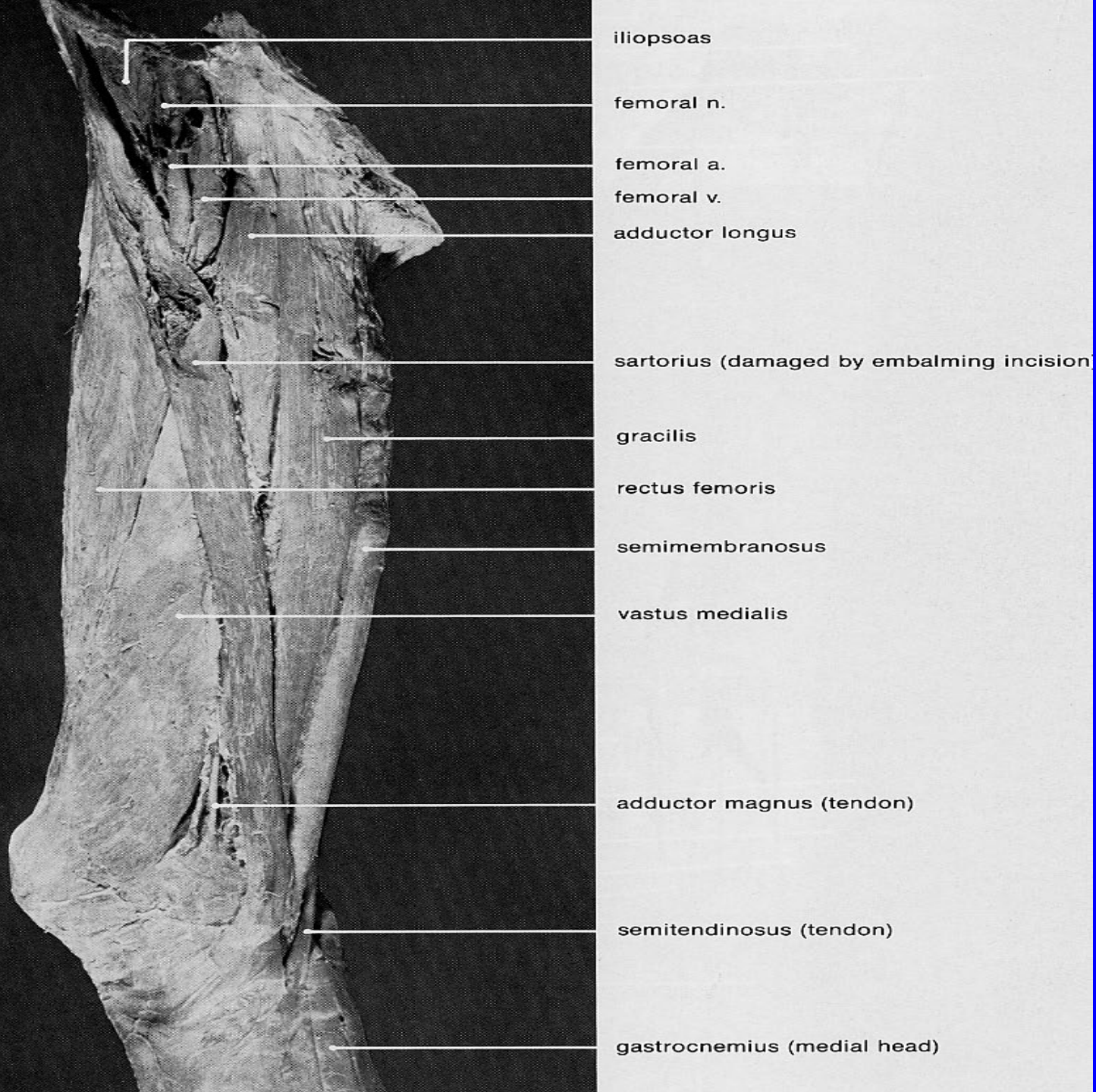




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semitendinosus (tendon)

gastrocnemius (medial head)

VASTUS MEDIALIS

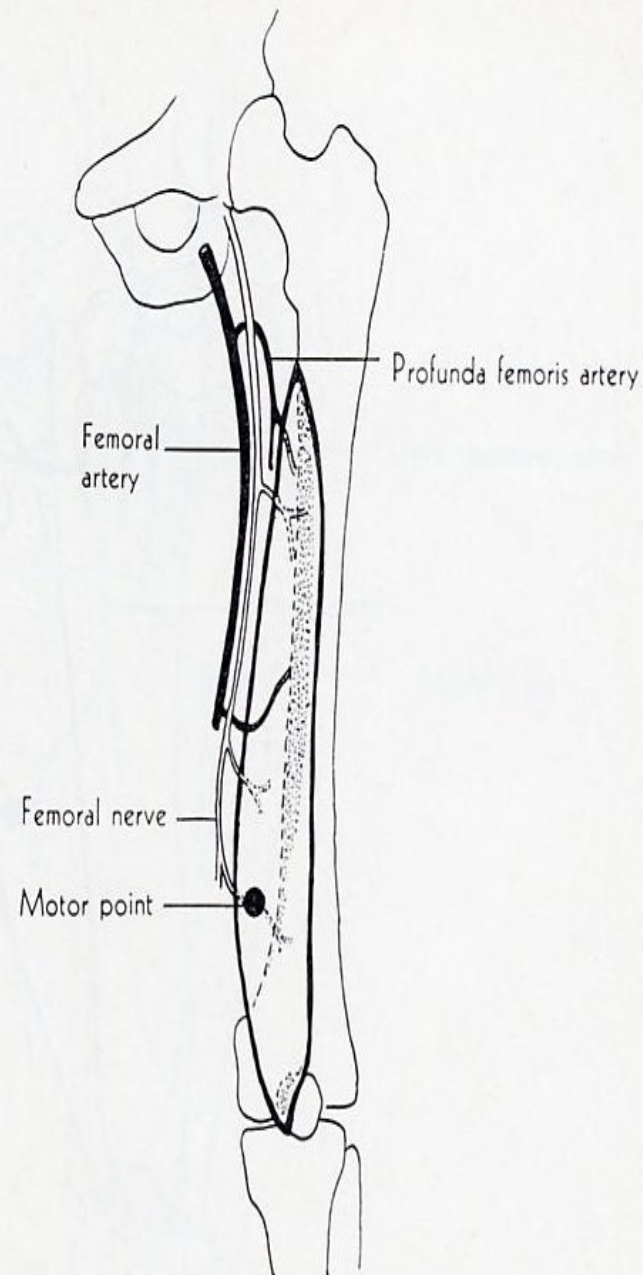
ORIGIN: lower half of intertrochanteric line, linea aspera, medial supracondylar line, medial intermuscular septum, tendon of adductor magnus.

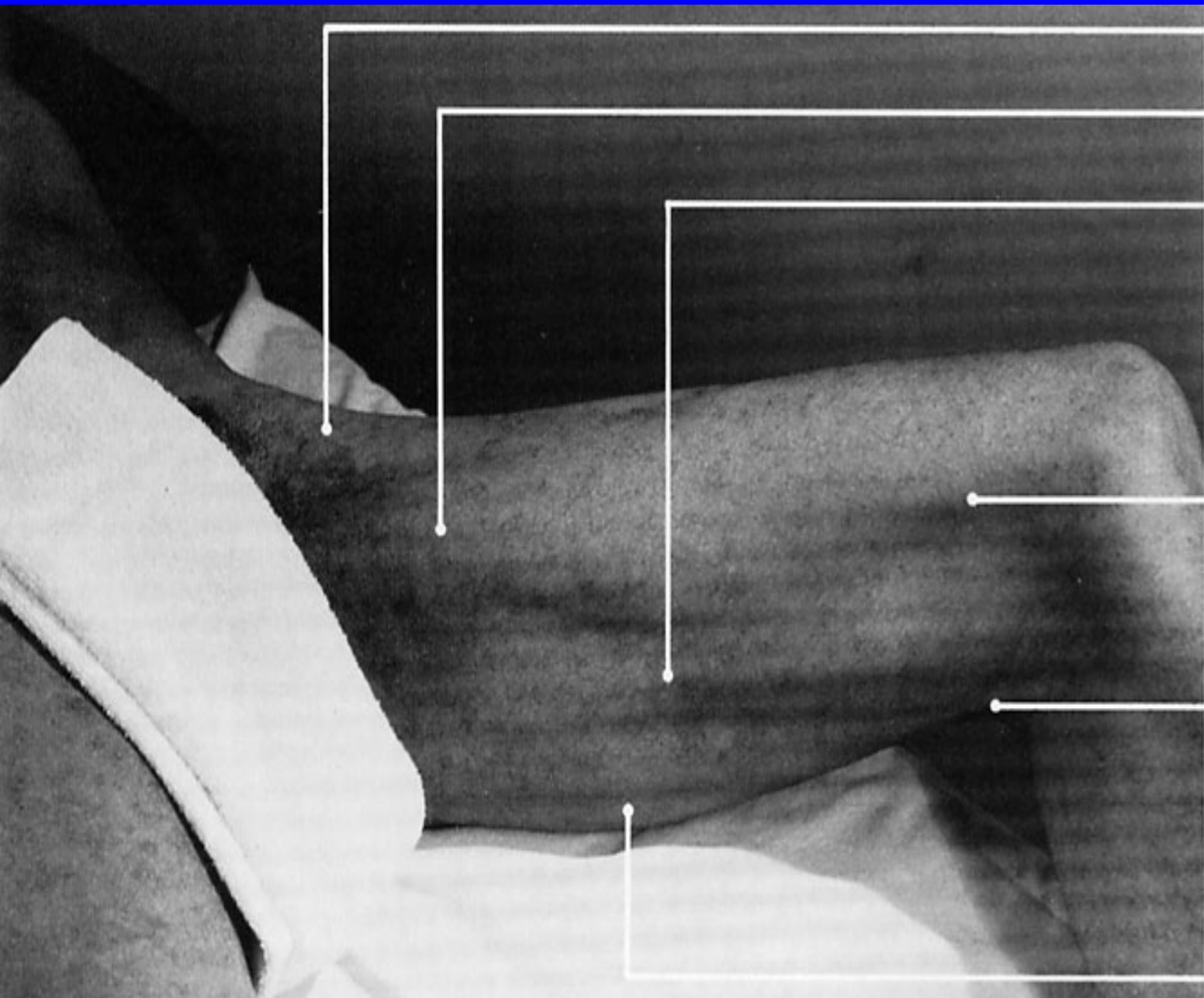
INSERTION: quadriceps tendon, medial border of patella, capsule of knee joint, and by ligamentum patellae into tibial tubercle.

ACTION: extends leg and draws patella medially.

NERVE: femoral.

ROOT: L2, L3 and L4 mainly L4.





sartorius

adductor longus

gracilis

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semitendinosus

semitendinosus



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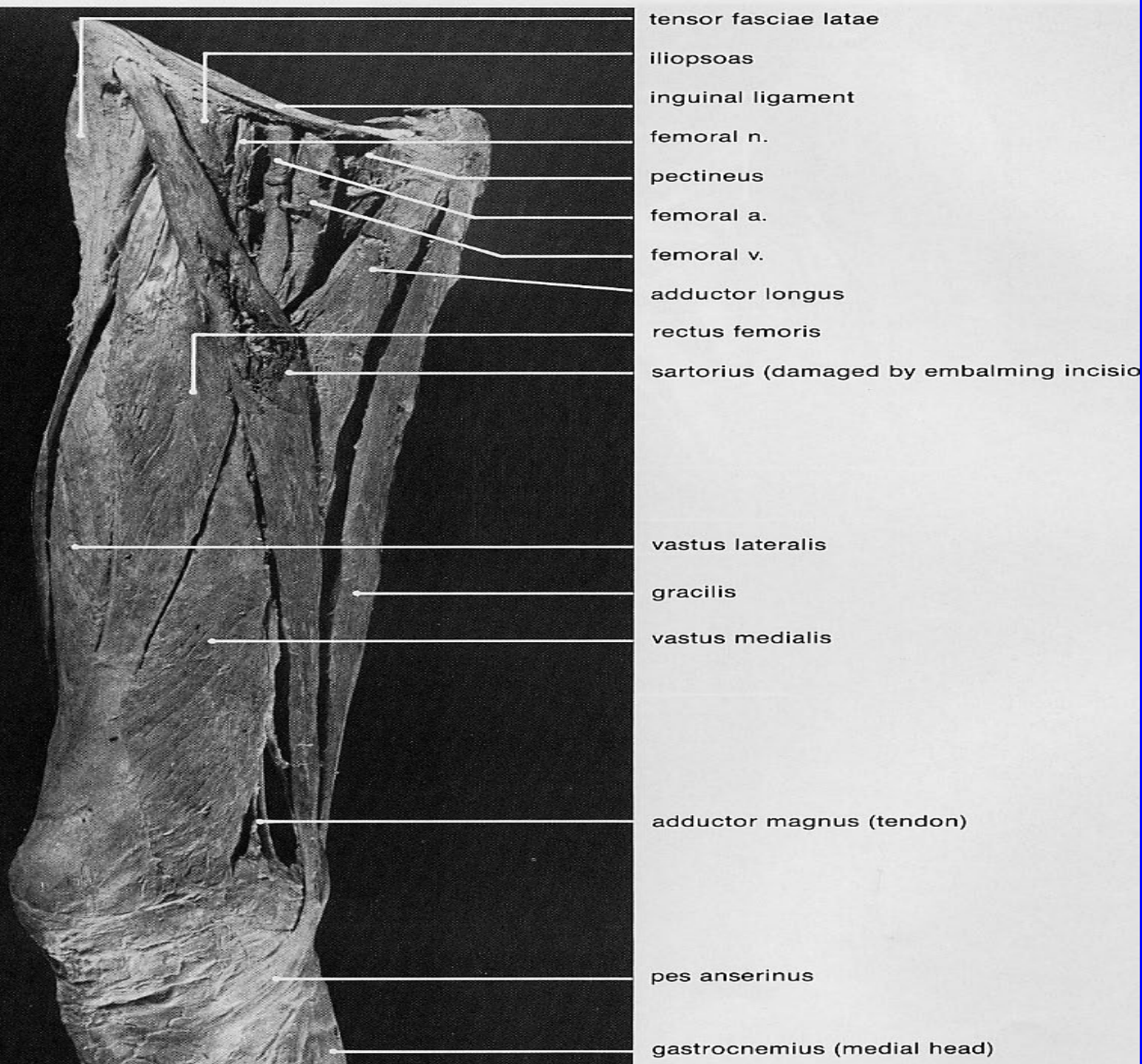
gracilis

iliotibial tract

vastus lateralis

rectus femoris

vastus medialis



ADDUCTOR LONGUS

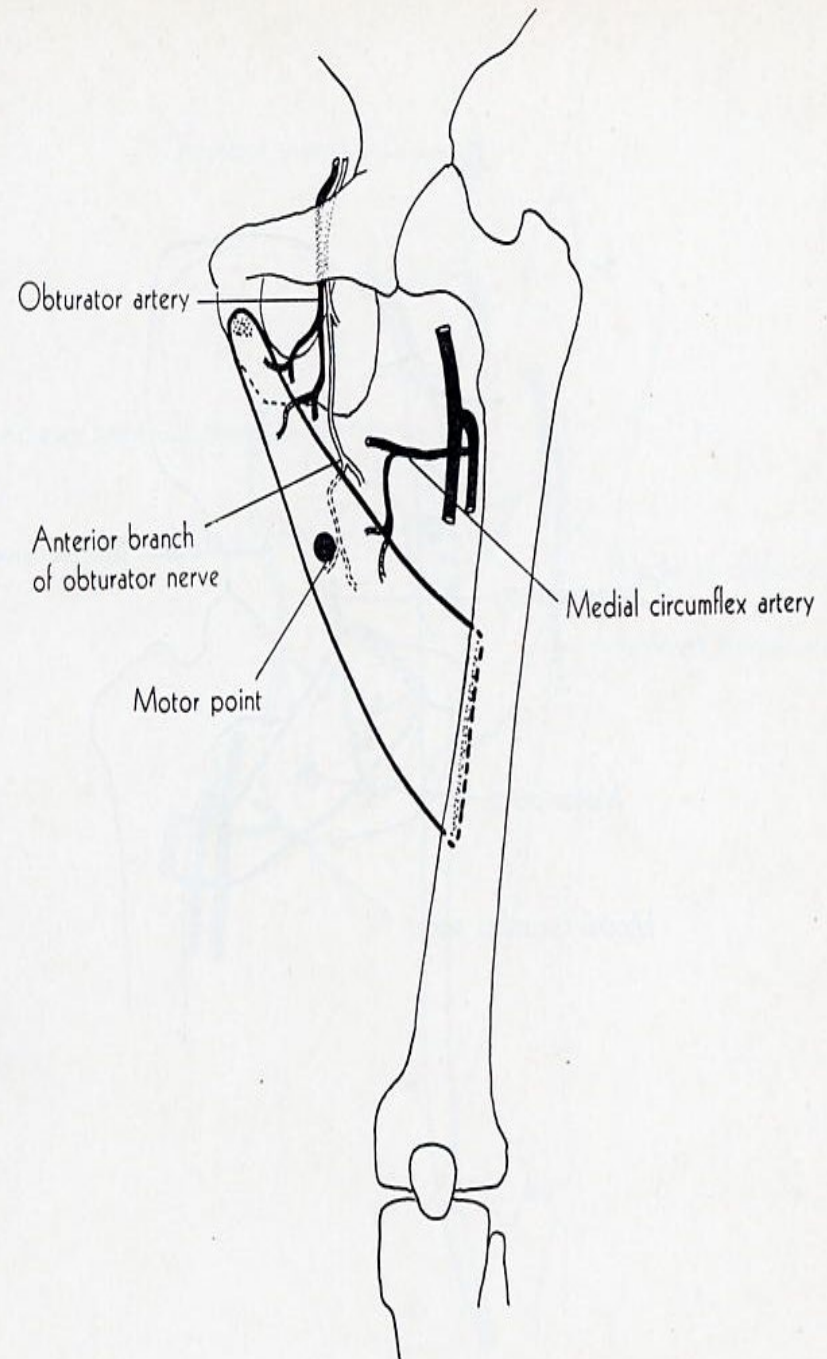
ORIGIN: front of pubis in the angle between the crest and symphysis.

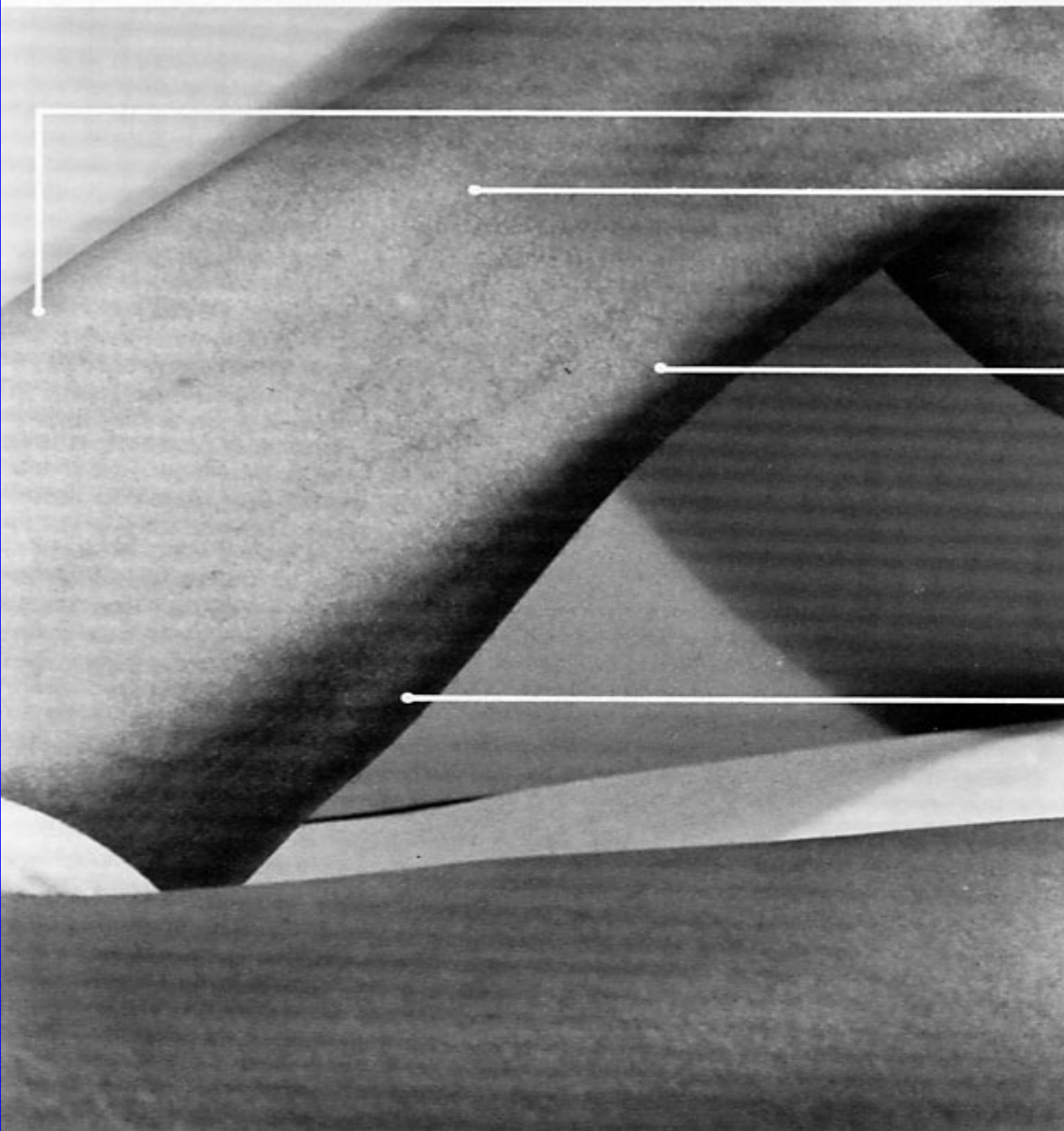
INSERTION: middle half of medial lip of linea aspera.

ACTION: adducts thigh, assists in flexion and lateral rotation.

NERVE: anterior branch of obturator.

ROOT: L2, L3 and L4 mainly L3.





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semitendinosus



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GRACILIS

ORIGIN: lower ½ of pubic symphysis, upper ½ of pubic arch.

INSERTION: upper part of medial surface of tibia.

ACTION: flexes and medially rotates leg, adducts thigh.

NERVE: anterior branch of obturator.

ROOT: L2, L3 and L4 mainly L2.

