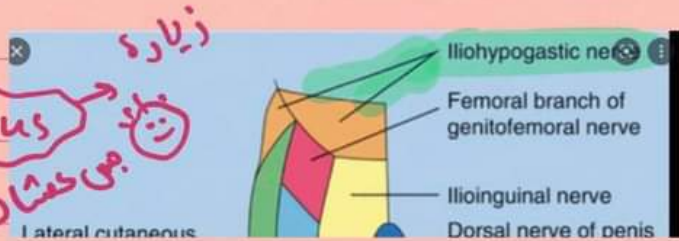


Iliohypogastric - (L1)

Lateral side of psoas major supplies the anterior and lateral skin

Moter:- transverse abdominus and obliques

موتور:- عضلات البطن الأضراسية



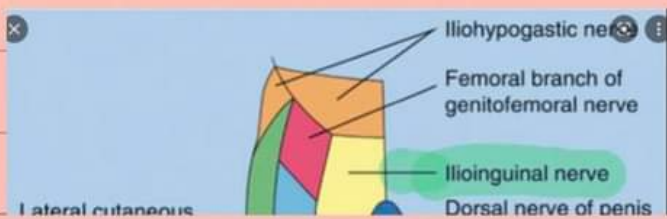
Ilio-inguinal (L1)

Lateral side of psoas major cutaneous upper medial thigh

in men: root of penis & anterior surface of scrotum

in women:- labium majus & mons pubis

الجراح لازم ينتبه لهاد العصب أثناء hernia repair وما يقطعو



Moter:- transverse abdominus and obliques ↓
من هاي زيارة

Genitofemoral (L1, L2)

anterior surface of psoas major

هاد العصب انتبهو بزقتم

(A) femoral branch of Genitofemoral upper anterior of the thigh

(B) the genital branch of Genitofemoral



Genitofemoral (L1, L2)

anterior surface of psoas major

هذا العصب يتبعه برفقته

① femoral branch of Genitofemoral
upper anterior of the thigh

② The genital branch Genitofemoral

للجانب تحفظه بزرارة

Read only to be covered in later GI and UGS systems

The genital branch of genitofemoral nerve

- **in men**, innervates the **cremasteric** muscle and terminates on the skin in the upper anterior part of the scrotum;
- **in women**, accompanies the round ligament of the uterus and terminates on the skin of the mons pubis and labium majus.

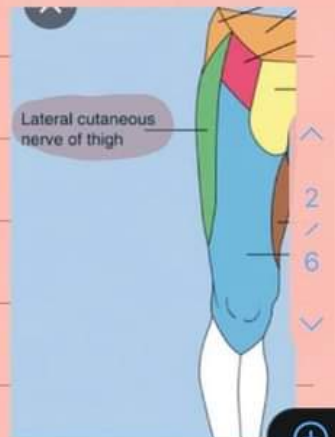


Lateral Cutaneous nerve of the thigh (L2, L3)

lateral of psoas major

posterior to the inguinal ligament
anterior and lateral of thigh

عنه هون injury



Intraneuritic: causes include

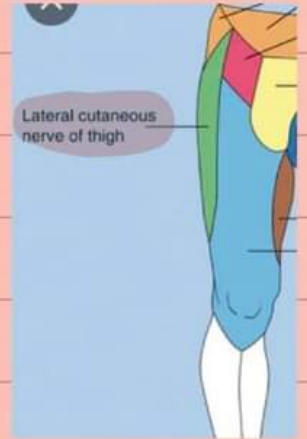
④ Lateral Cutaneous nerve of the thigh (L2, L3)

Lateral of Psoas major

posterior to the inguinal ligament

anterior and lateral of thigh

injury عيب



① **Intrapelvic:** causes include pregnancy, abdominal, tumors

② **Extrapelvic:** causes include trauma to the region of the ASIS (eg, from a seatbelt in a motor vehicle accident), tight garments, belts, girdles, or stretch from obesity, bone marrow graft.

③ **Mechanical:** factors include prolonged sitting or standing.

⑤ obturator nerve (L2, L3, L4)

medial of Psoas major

go to the lateral wall of pelvis to reach the upper part of obturator foramen where it divide into anterior and posterior

Ant. to adductor brevis

Post. to adductor brevis

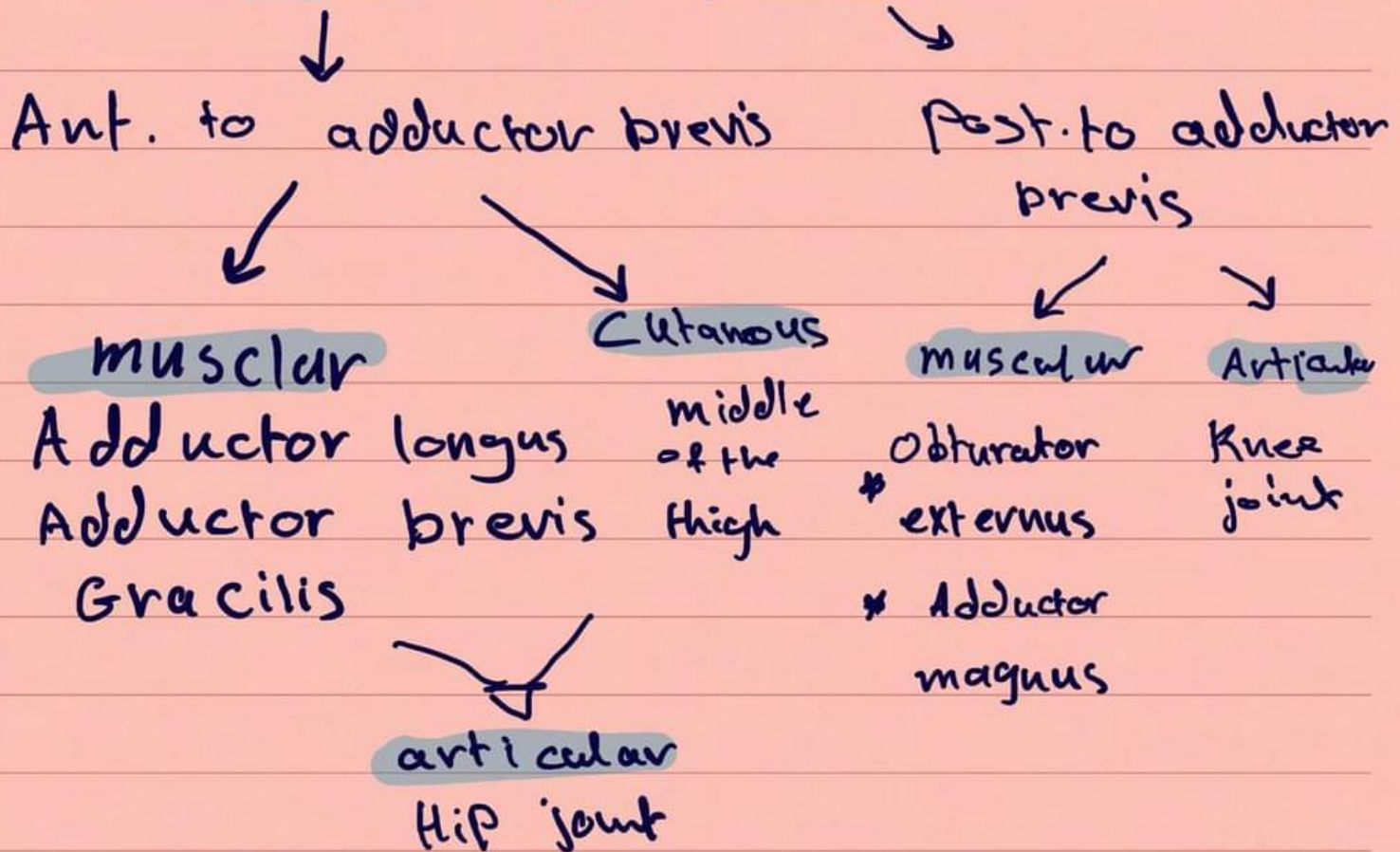


prolonged sitting or standing.

⑤ Obturator nerve (L2, L3, L4)

medial of Psoas major

go to the lateral wall of pelvis to reach the upper part of obturator foramen where it divide into anterior and posterior



⑥ Femoral nerve (L2, L3, L4)

Lateral of Psoas major in abdomen → iliacus muscles
enter the thigh lateral to femoral artery

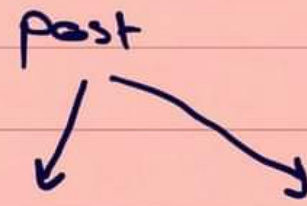
△ Femoral nerve (L2, L3, L4)

Lateral of Psoas major in abdomen → iliacus muscles
 enter the thigh lateral to femoral artery
 behind the inguinal ligament one inch distal to it
 terminates into ant



muscular
 • Sartorius
 • Pectineus

cutaneous
 Intermediate
 and medial of
 thigh



muscular
 • quadriceps
 Cutaneous
 saphenous
 nerve



become medial
 to the knee joint

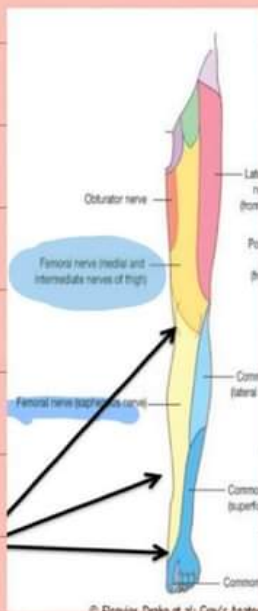
and pierces the fascia

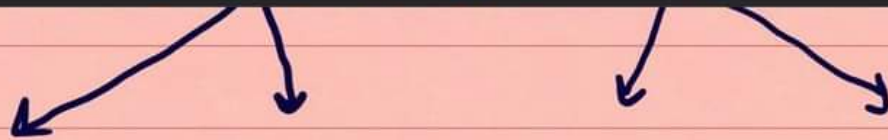
between the gracilis
 and sartorius

* posterior to great saphenous
 vein

* passes front to the
 medial malleolus

* terminates at big ball
 of toe





muscular

- Sartorius
- Pectineus

cutaneous

Intermediate
and medial of
thigh

muscular

- quadriceps

Cutaneous

saphenous
nerve



become medial

to the knee joint

and pierces the fascia

between the gracilis

and sartorius

* posterior to great saphenous vein

* passes front to the medial malleolus

* terminates at big ball of toe



(Skin in medial side of leg and foot)