

LE NERF SCIATIQUE ET LES NERFS DE LA JAMBE

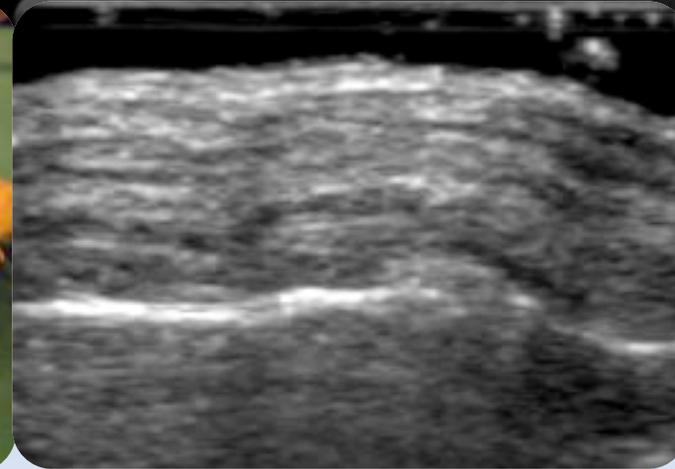
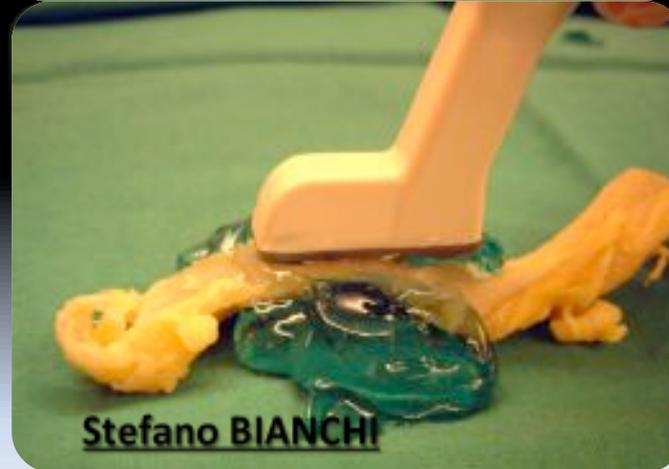
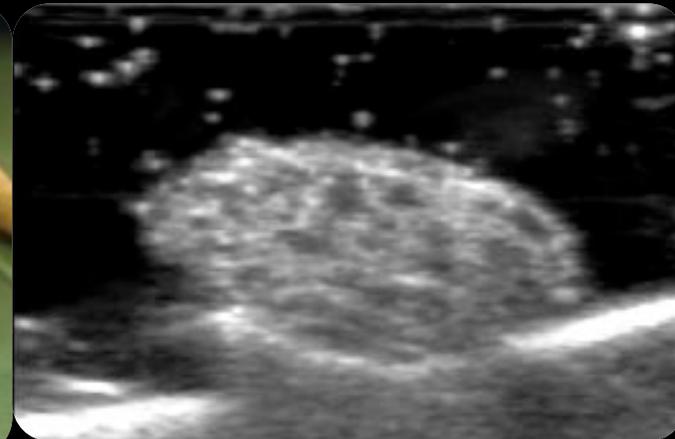
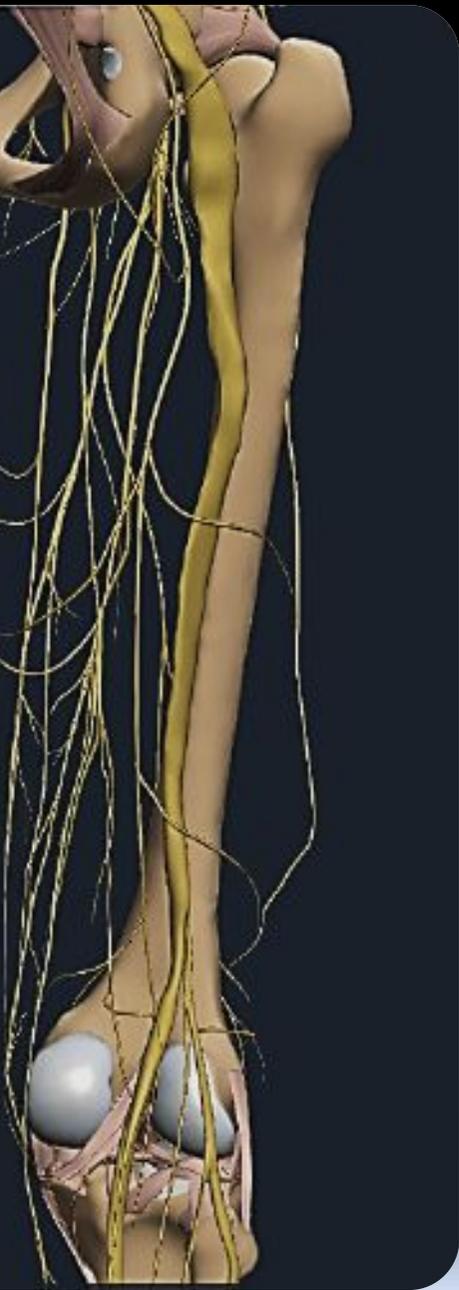
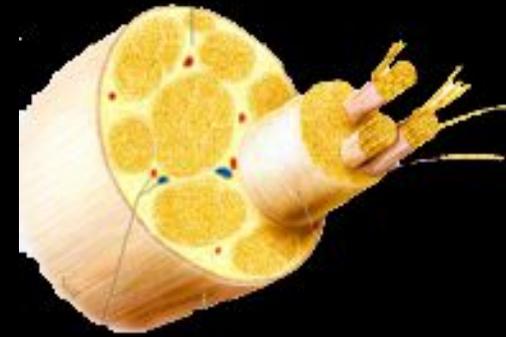
Luc COURT SAINT-ETIENNE

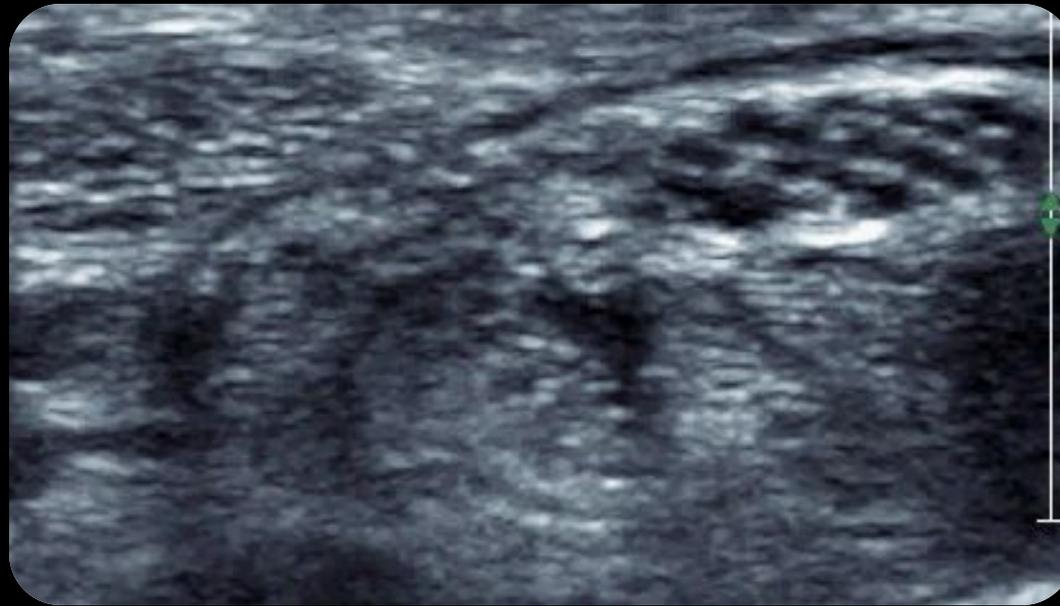
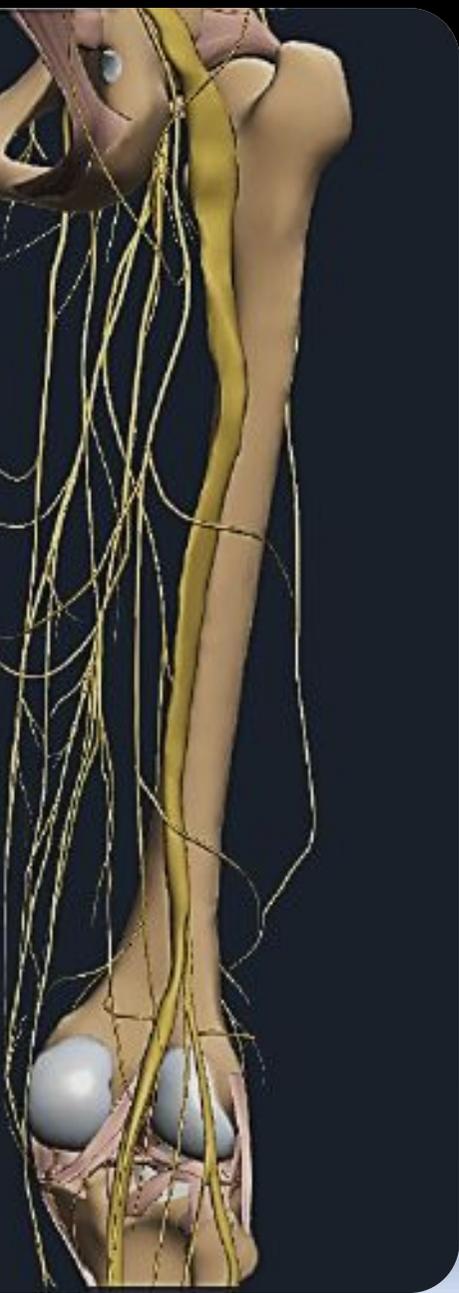
Centre Imagerie
Medicale
Poucel
Bergson
Clinique du Parc

 **SFR** AuRa
Société Française de Radiologie
Auvergne Rhône-Alpes

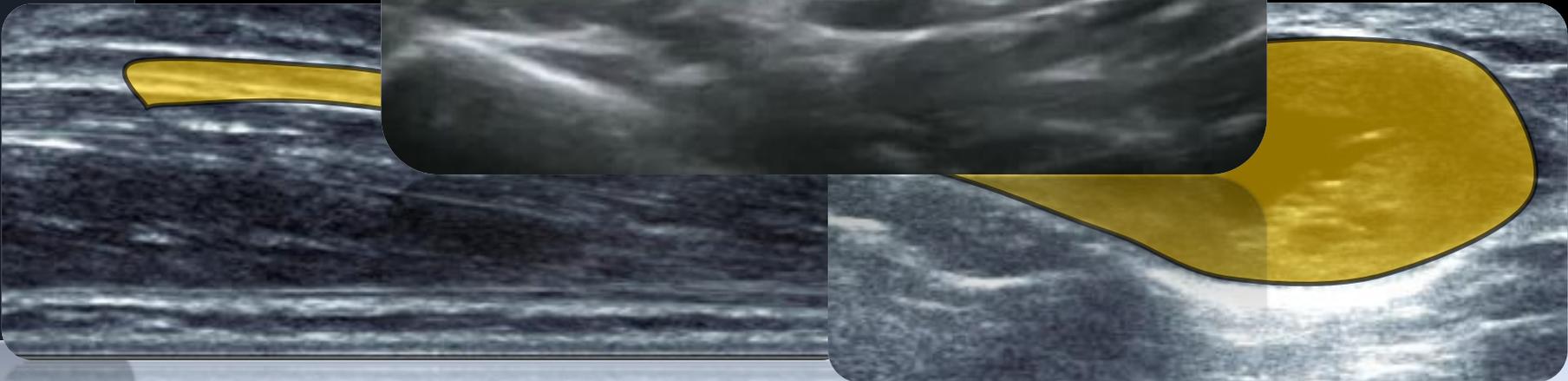
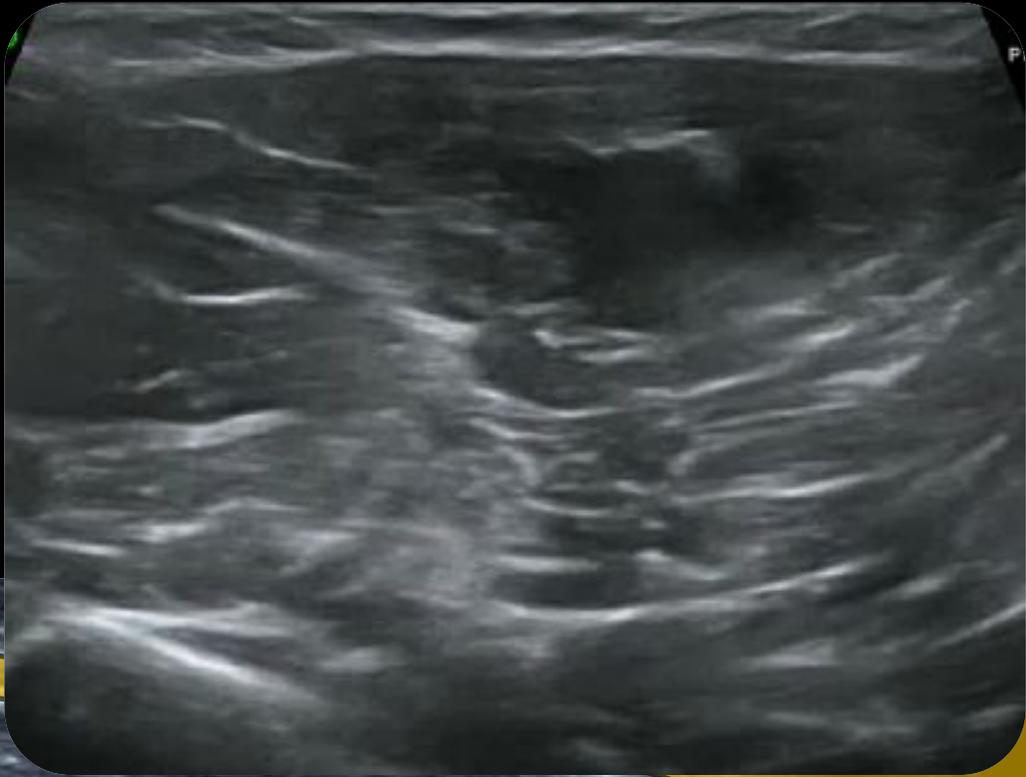
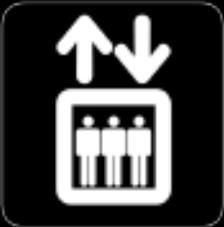
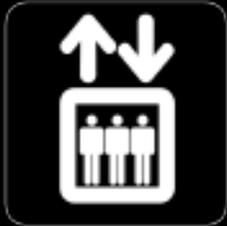
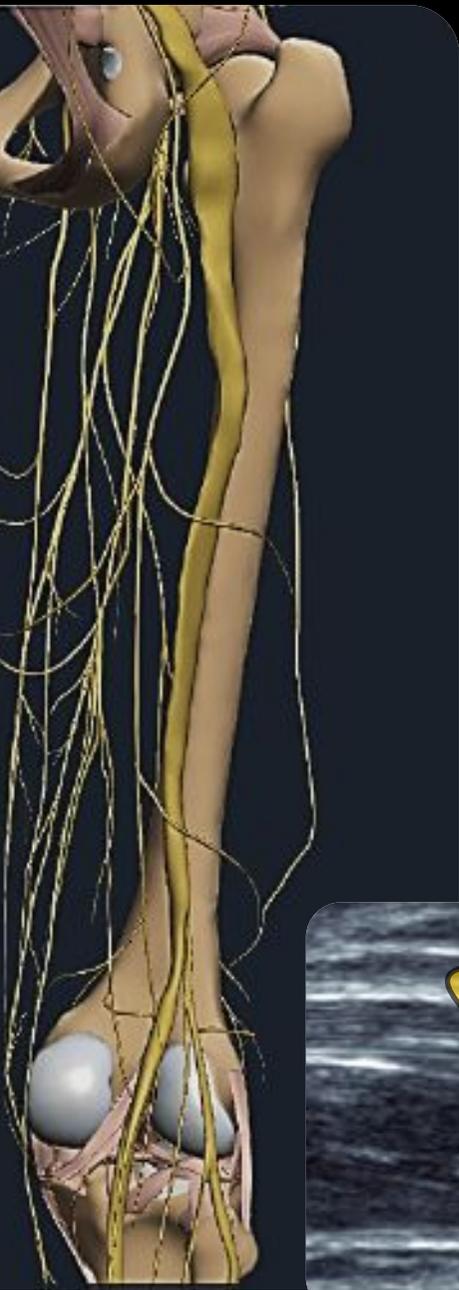
ECHOSTRUCTURE

le nerf périphérique est :
→ **cabliforme**



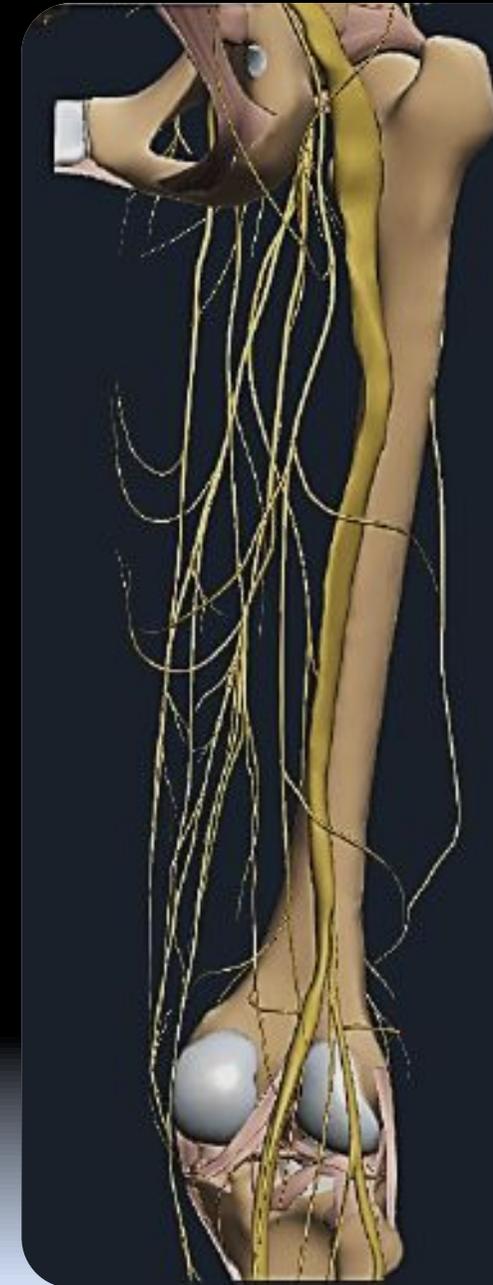
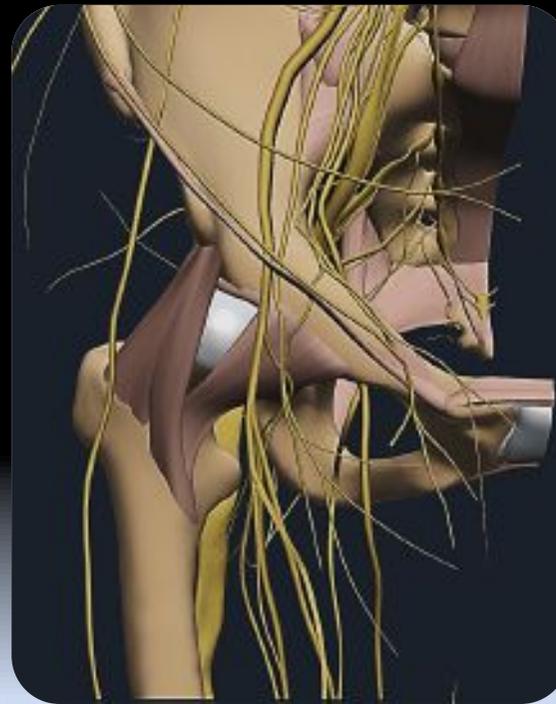


ANISOTROPIE
du nerf << tendon



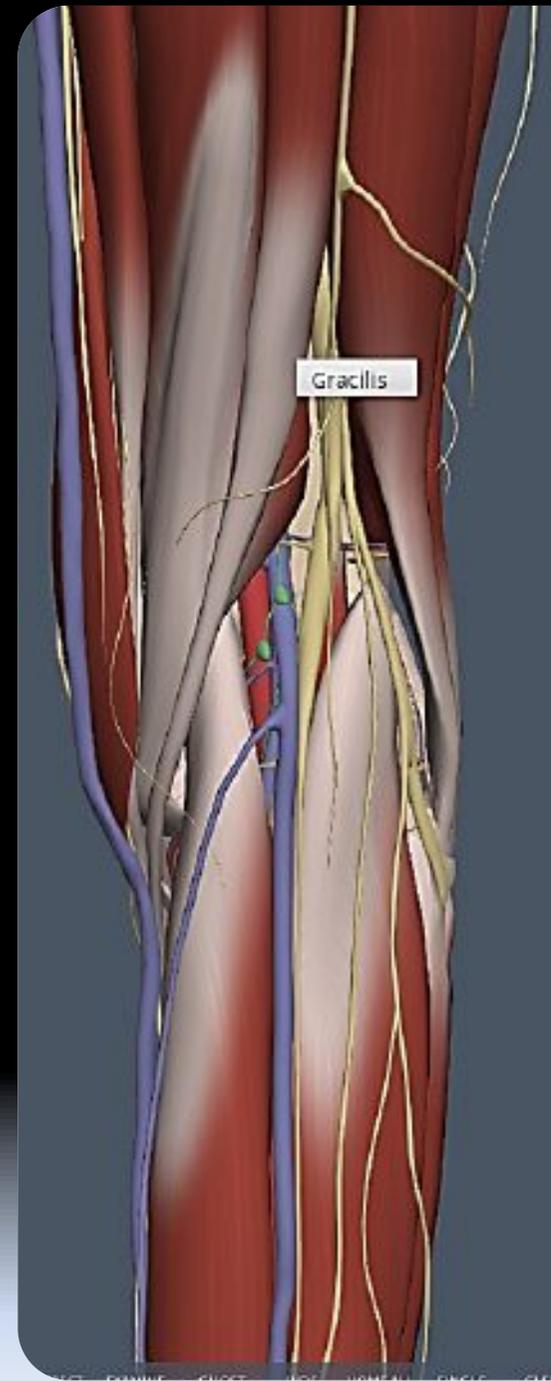
CUISSE

- Nerf Sciatique
- Nerf fémoro-cutané
- Nerf fémoral
- Nerf saphène



JAMBE

- Nerf Tibial
 - Nerf Fibulaire Commun
 - Nerf Fibulaire profond
 - Nerf Fibulaire Superficiel
- Nerf Sural
 - Nerf sural médial
 - Rameau communicant fibulaire



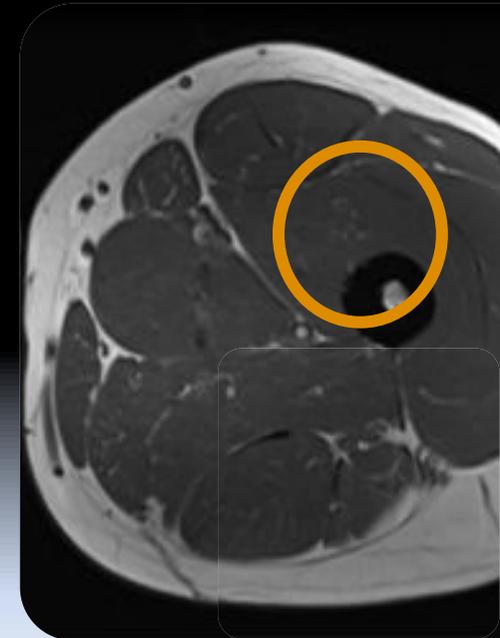
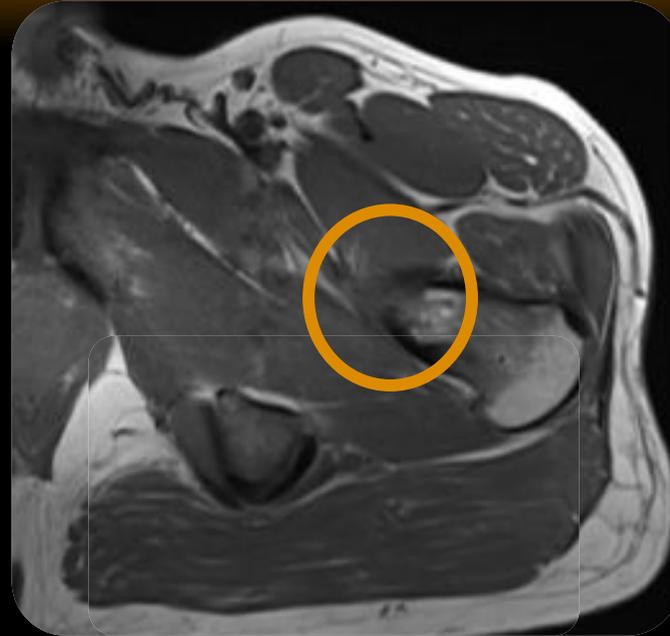
NERF SCIATIQUE

Echancrure ischiatique sous le muscle piriforme.

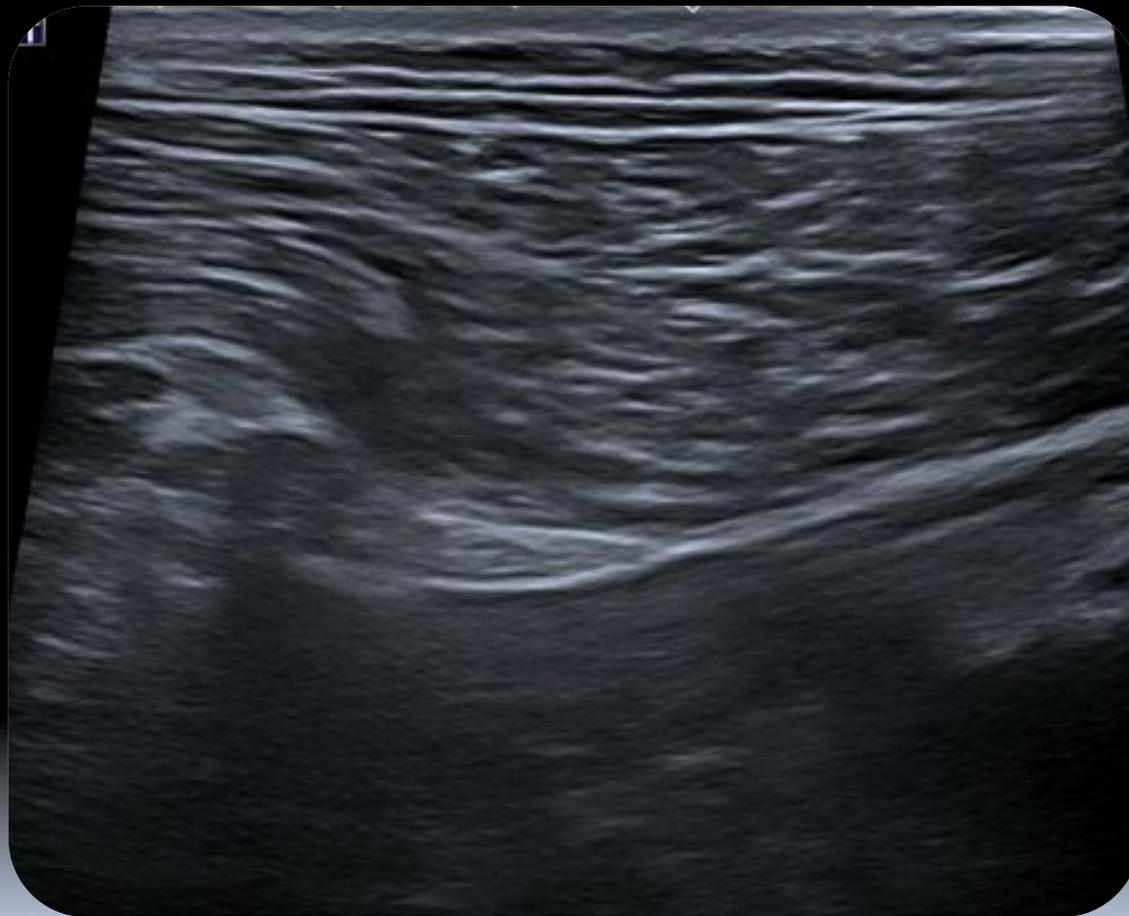
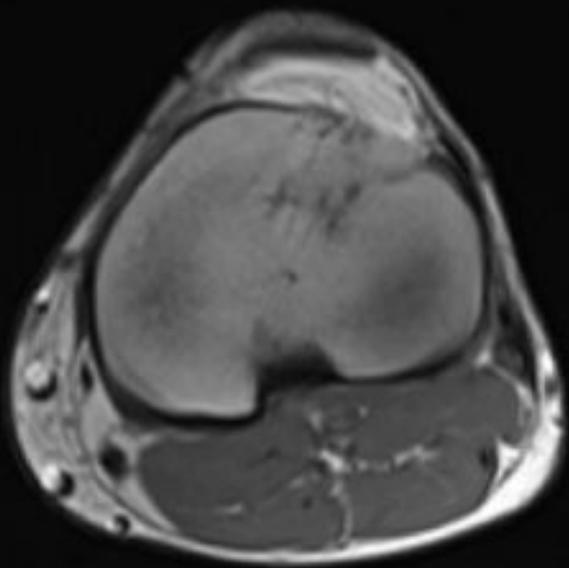
Tubérosité ischiatique sous le grand glutéal.

Sous le biceps fémoral.

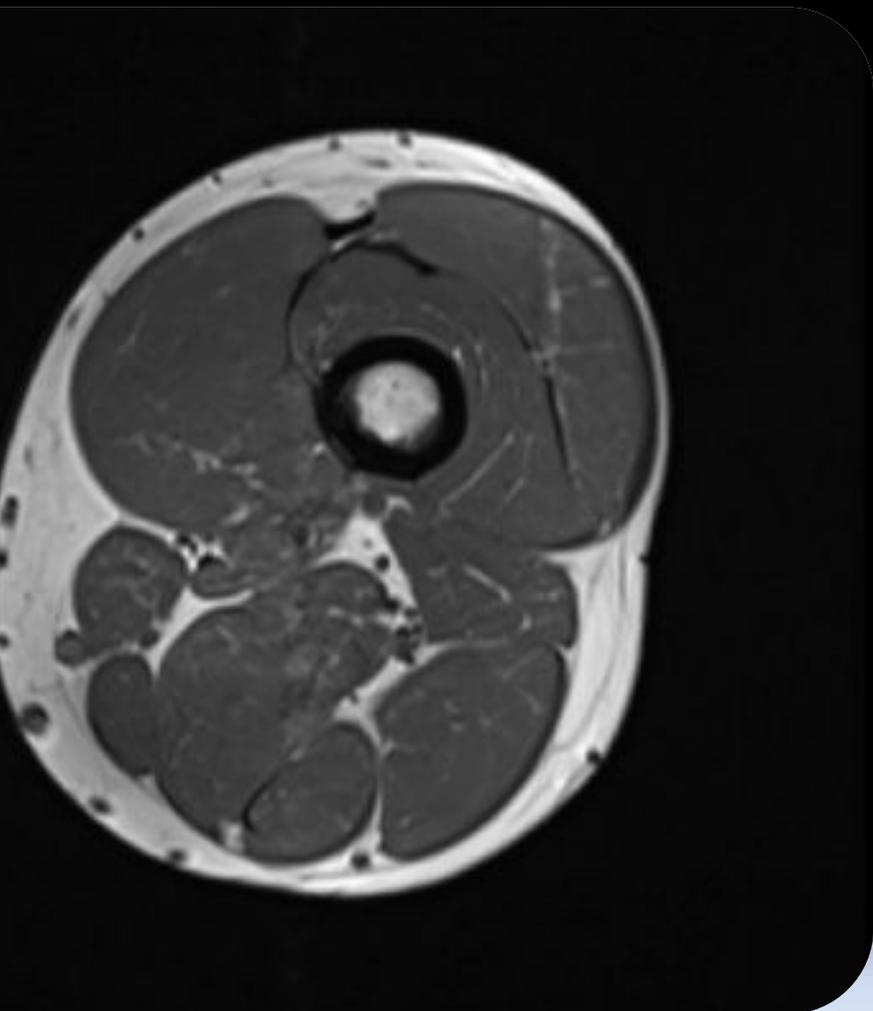
Division : nerf tibial/nerf fibulaire commun



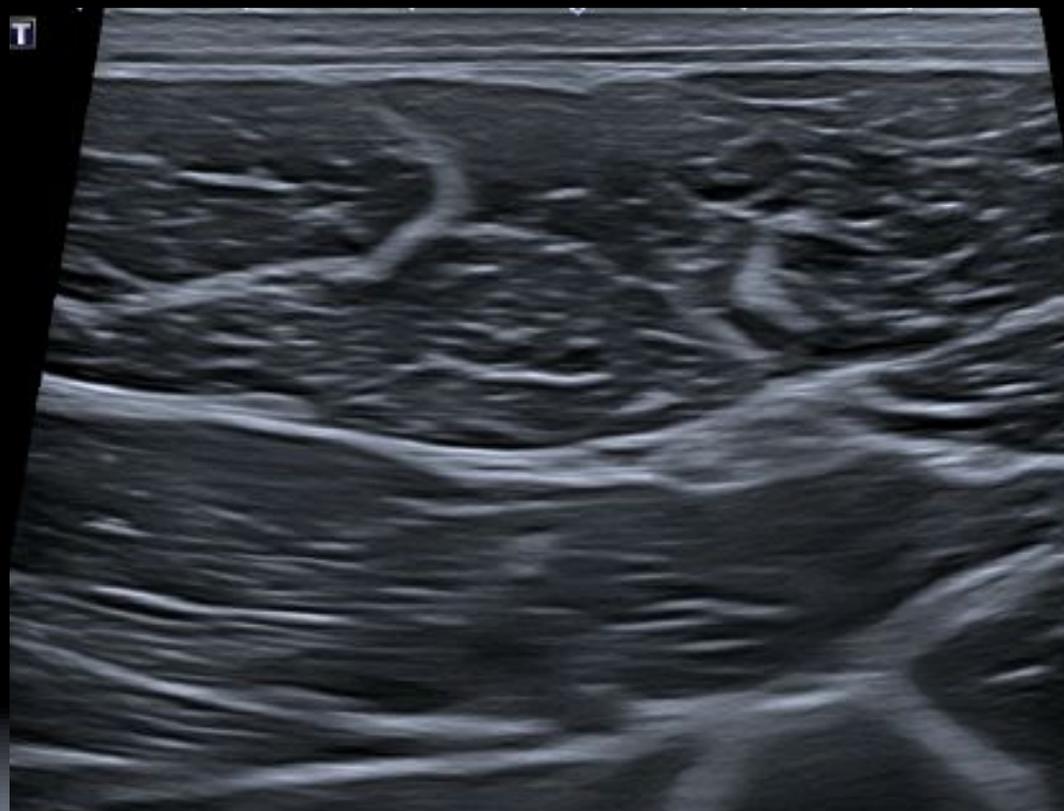
NERF SCIATIQUE



NERF SCIATIQUE

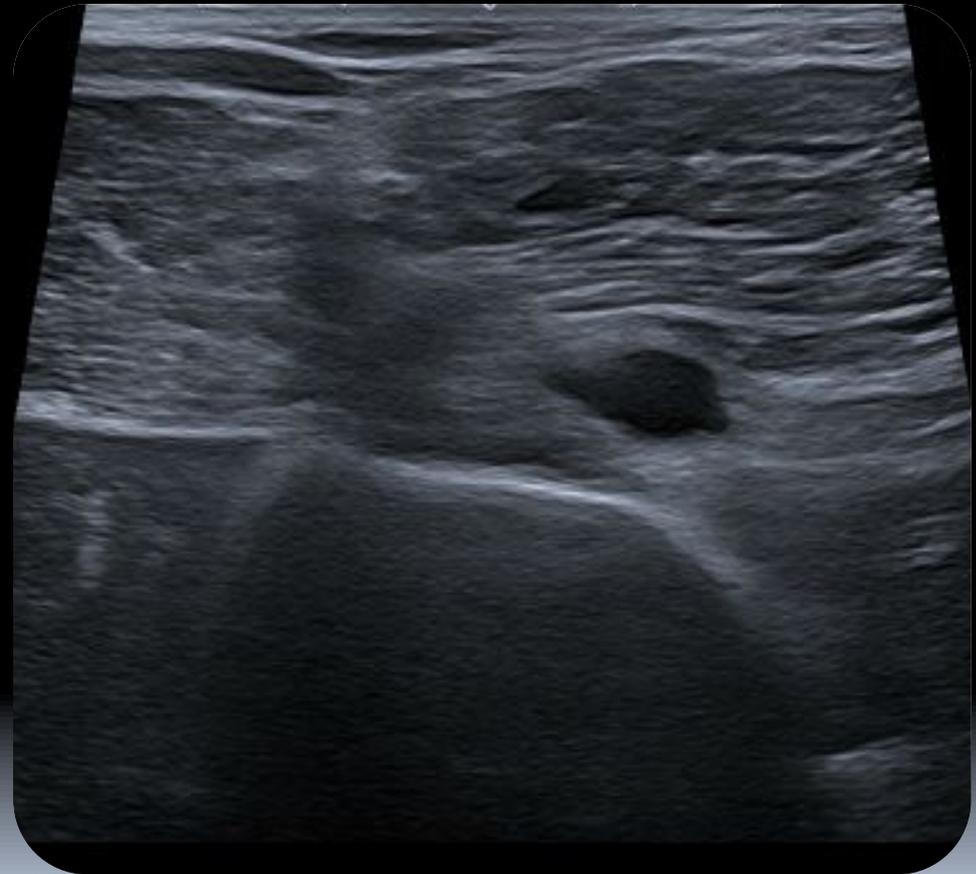


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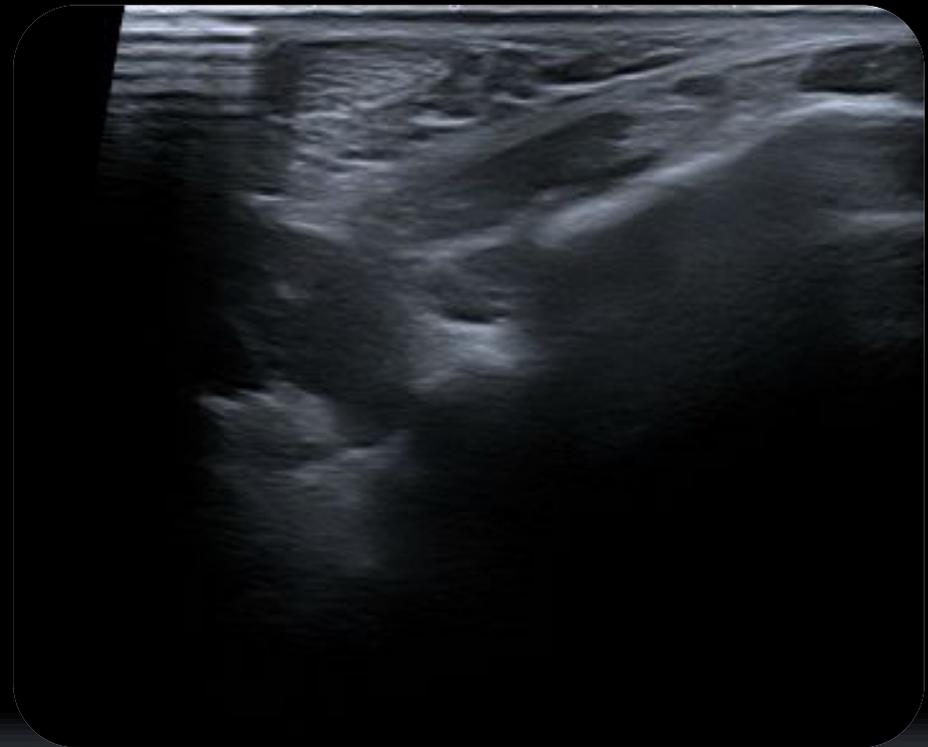
NERF TIBIAL

- Racines L4-S3
- Nerf moteur : GMM, soléaire...
- Nerf sensitif : genou, face postéro latéral de la jambe
- Creux poplité : paquet vasculo-nerveux entre GMM et GML

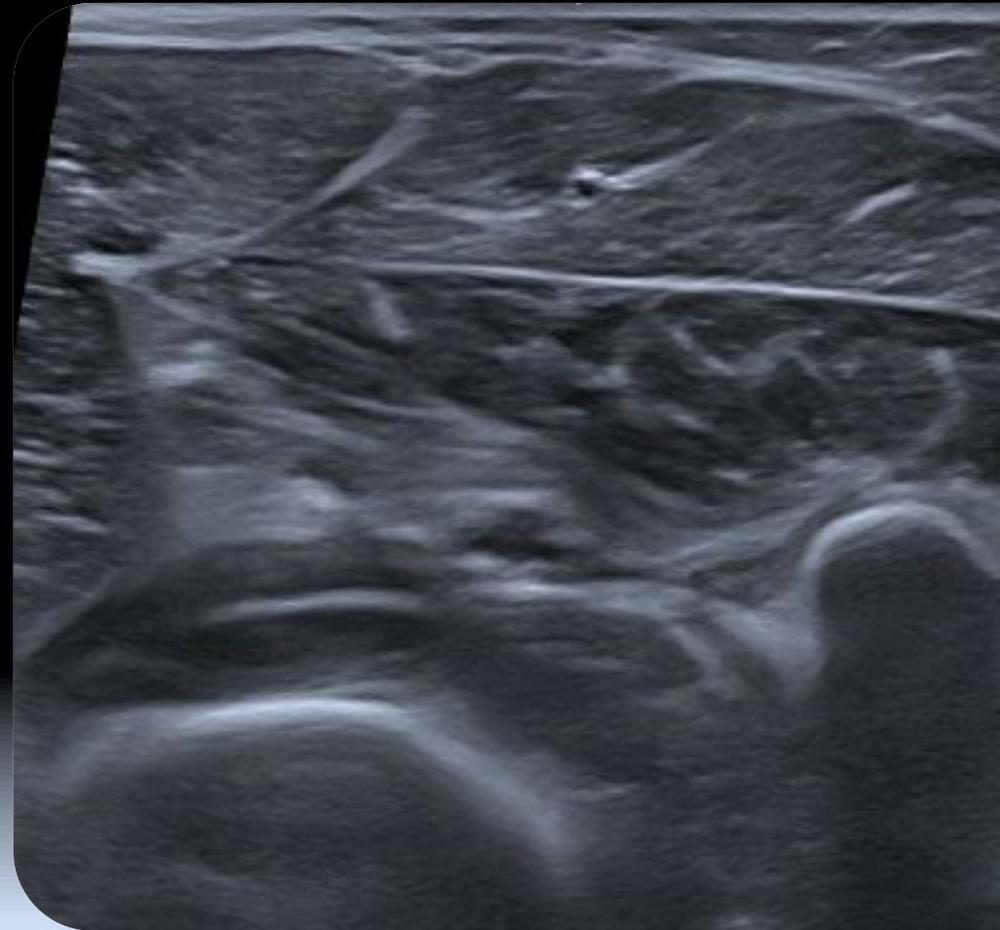
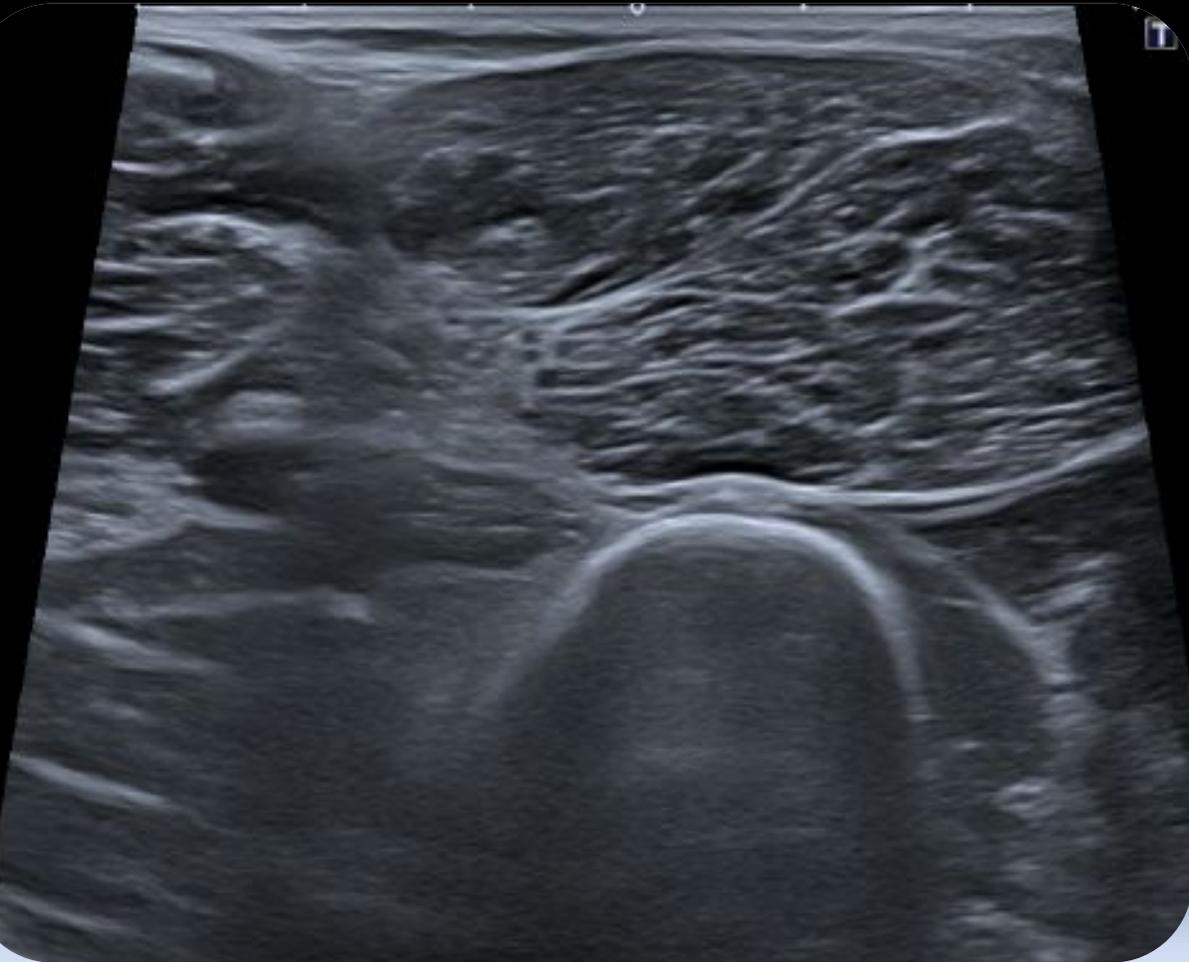


NERF TIBIAL

- Racines L4-S3
- Nerf moteur : GMM, soléaire...
- Nerf sensitif : genou, face postéro latéral de la jambe
- Artère tibiale, loge postérieure profonde.

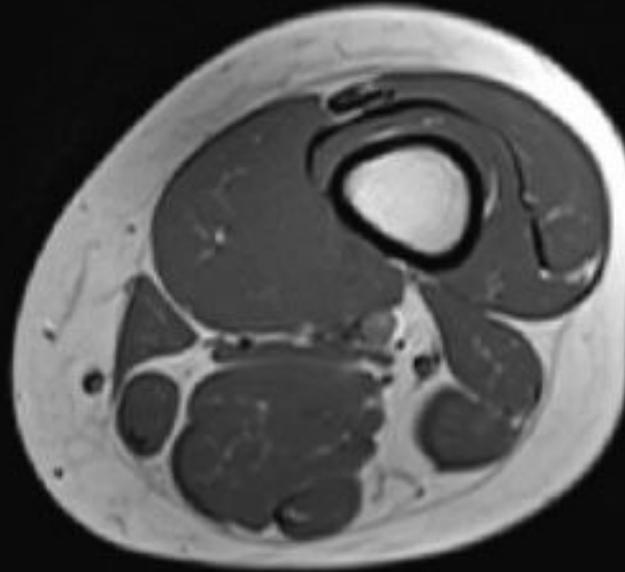


NERF TIBIAL



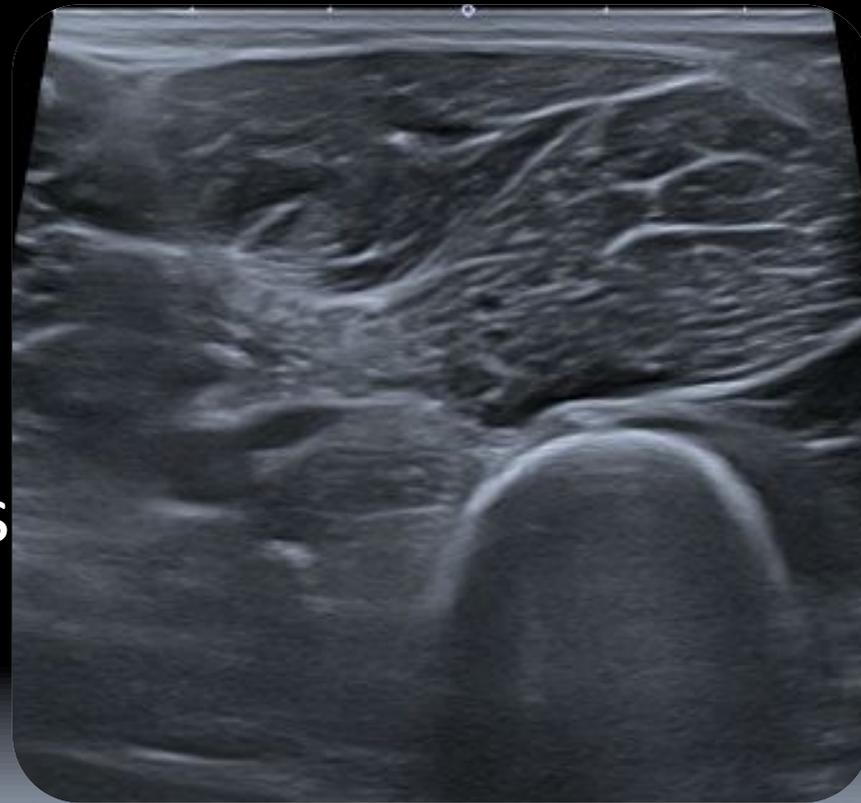
NERF FIBULAIRE COMMUN

- Branches L4-S2
- Branche motrice pour longue portion biceps fémoral
- Creux poplité sous la courte portion du biceps
- Autour de la tête de la fibula puis division



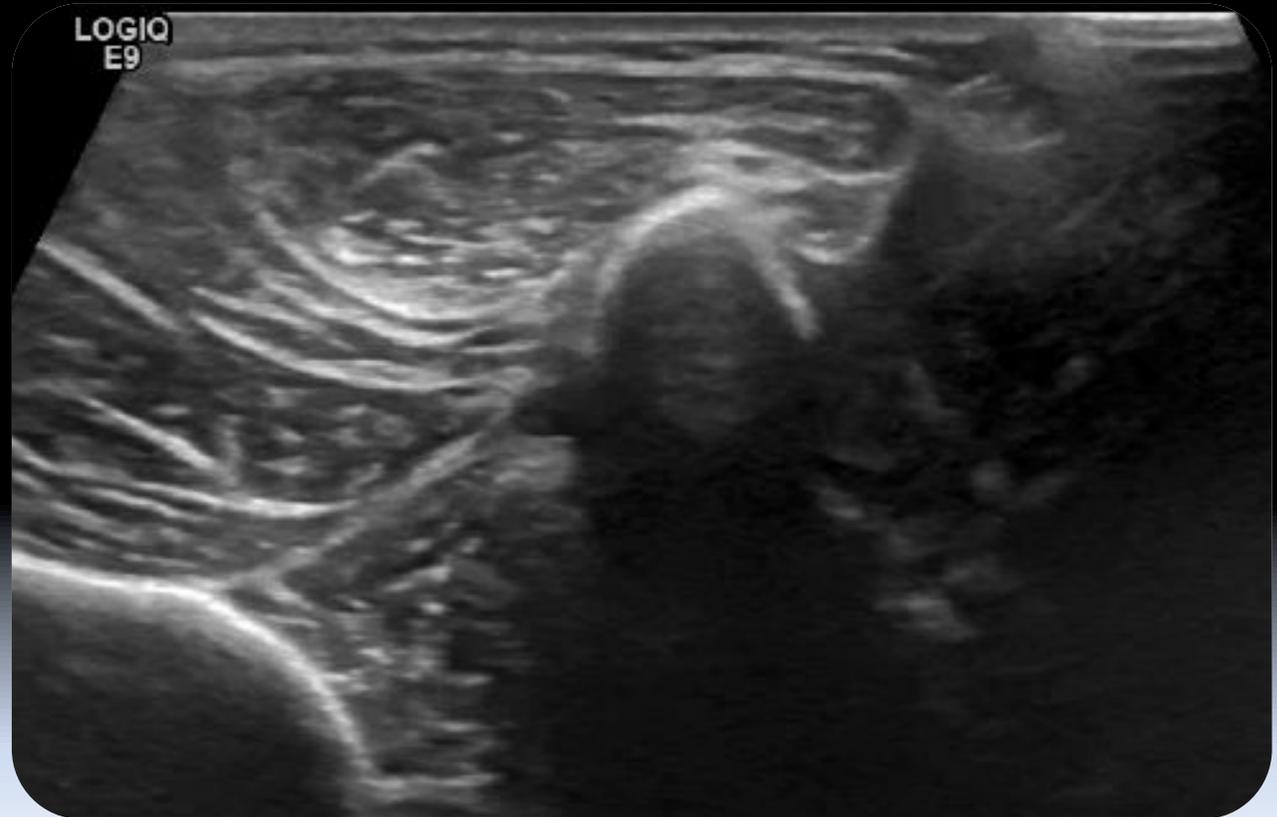
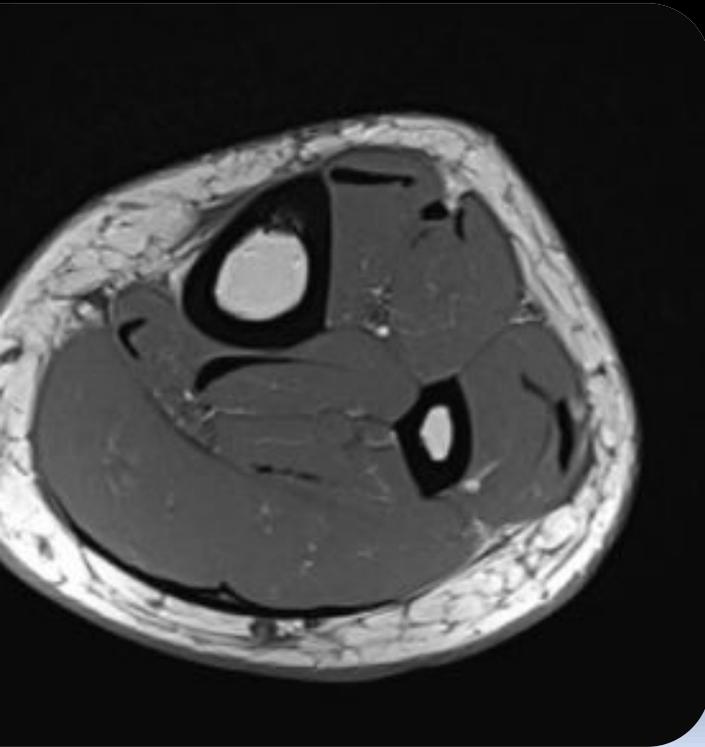
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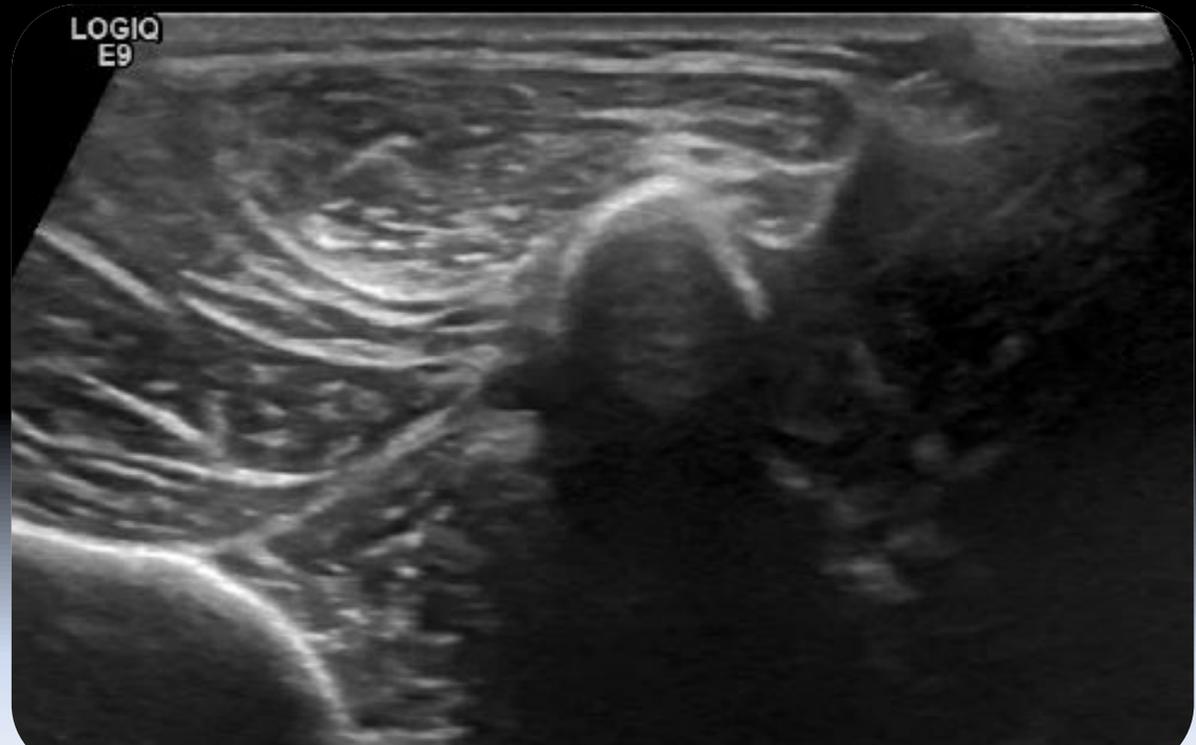
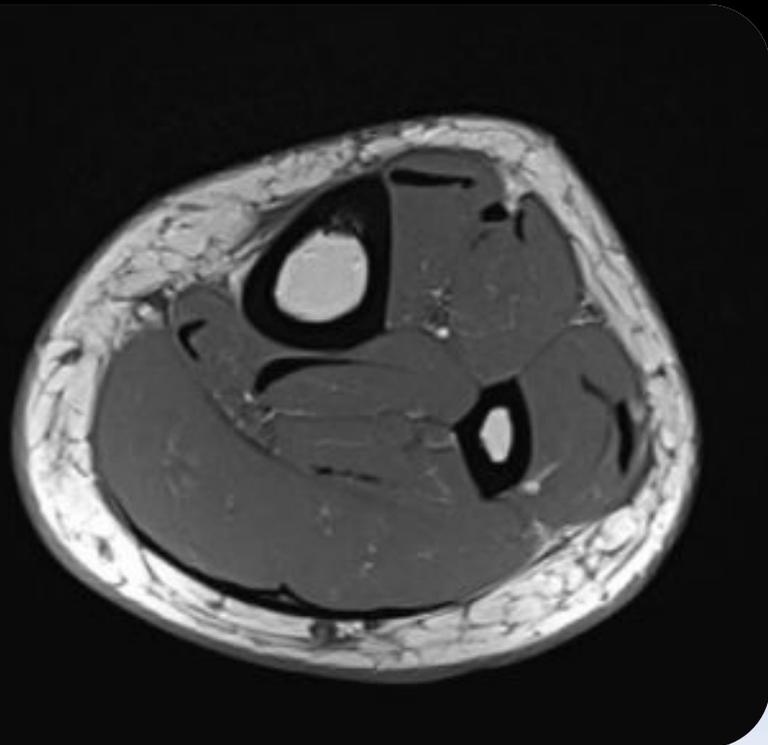
NERF FIBULAIRE PROFOND

- Innervation motrice loge antéro- externe de jambe.
- Le long de l'artère tibiale antérieure.



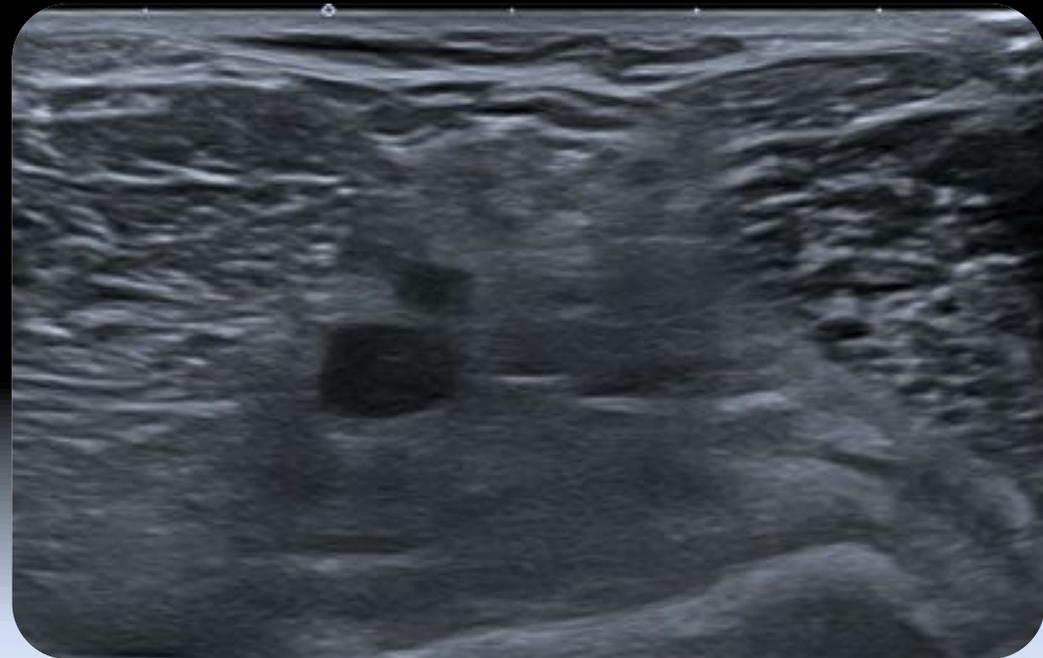
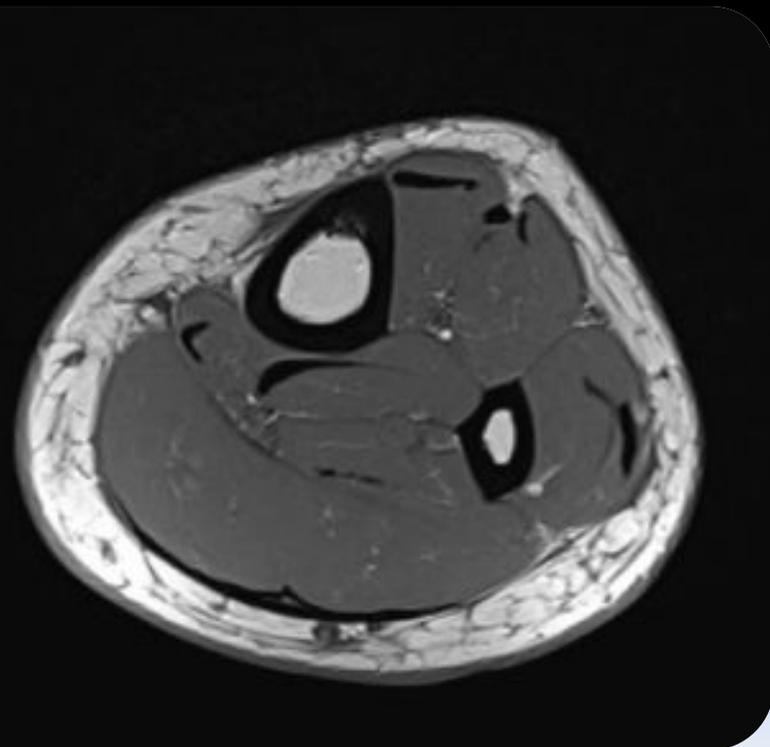
NERF FIBULAIRE SUPERFICIEL

- Loge latérale de la jambe
- Innervation motrice long et court fibulaire
- Traverse le fascia superficiel



NERF SURAL

- Nerf purement sensitif
- Superficiel. Branche du nerf tibial et rameau communicant fibulaire



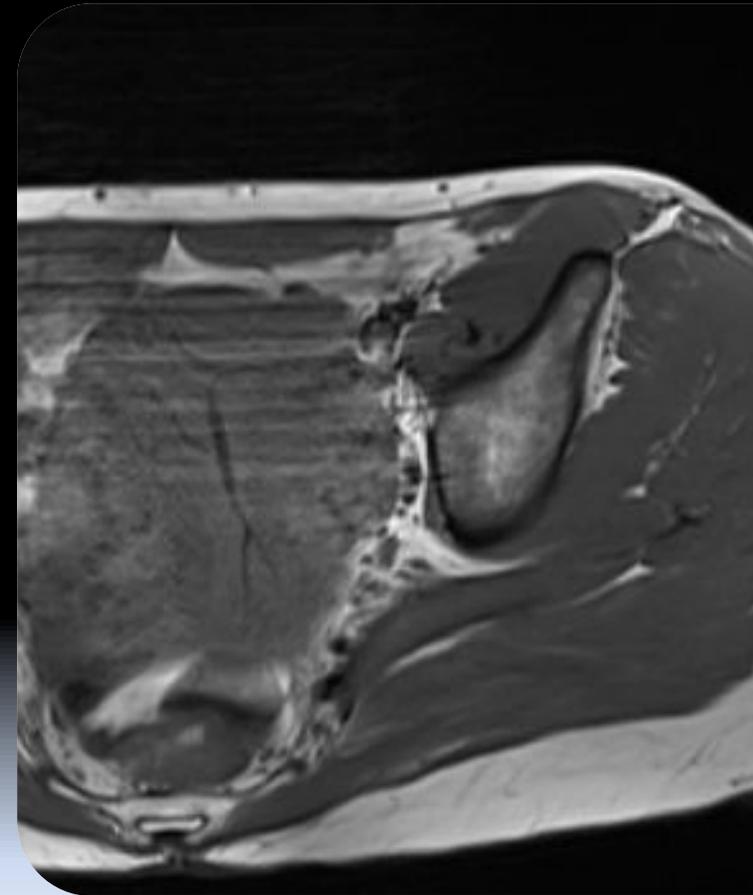
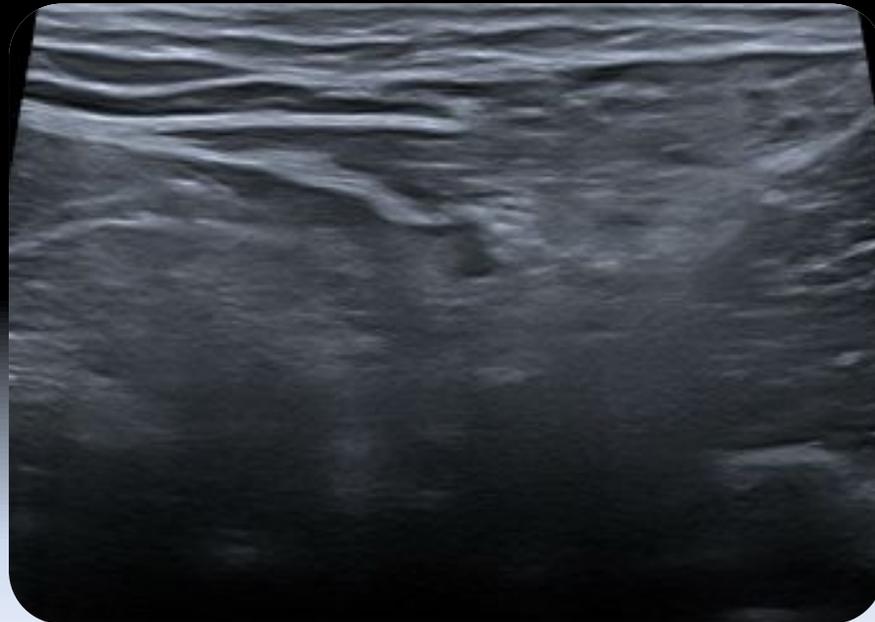
NERF FEMORO-CUTANE LATERAL

- Racine L2-L3.
- Sensitif face antéro-latérale cuisse.
- Passe sous le ligt inguinal.
- Sartorius comme repère.



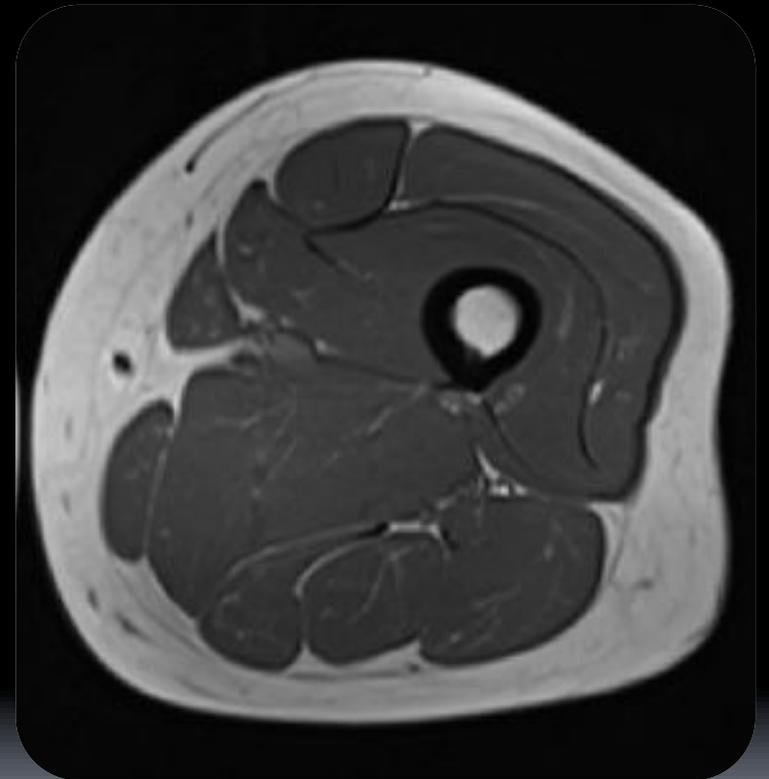
NERF FEMORAL

- Racines L2-L4
- Sous le ligt inguinal et en dehors de l'éminence ilio-pectinée
- Division rapide 2 à 3 cm sous le ligt inguinal

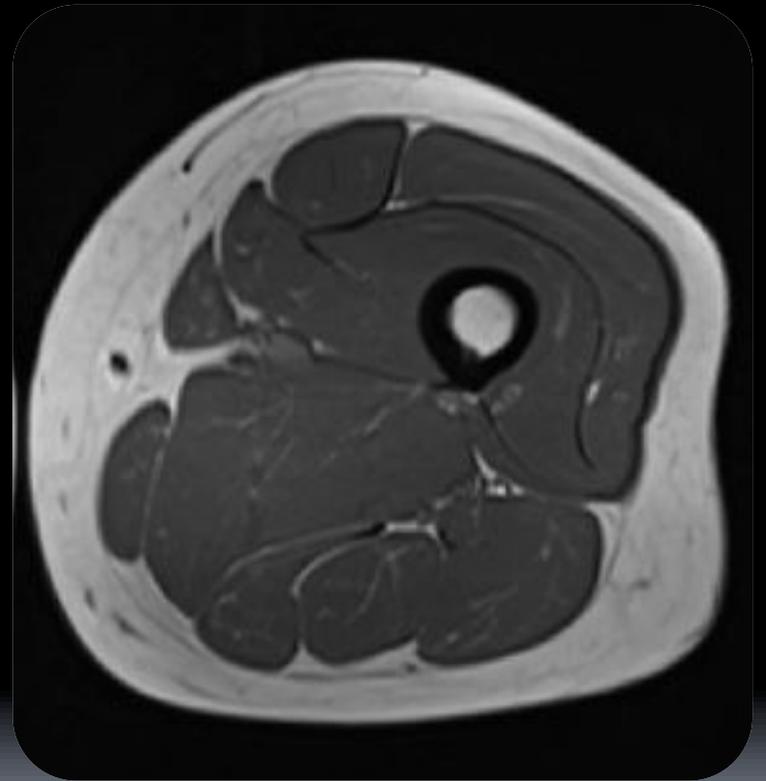
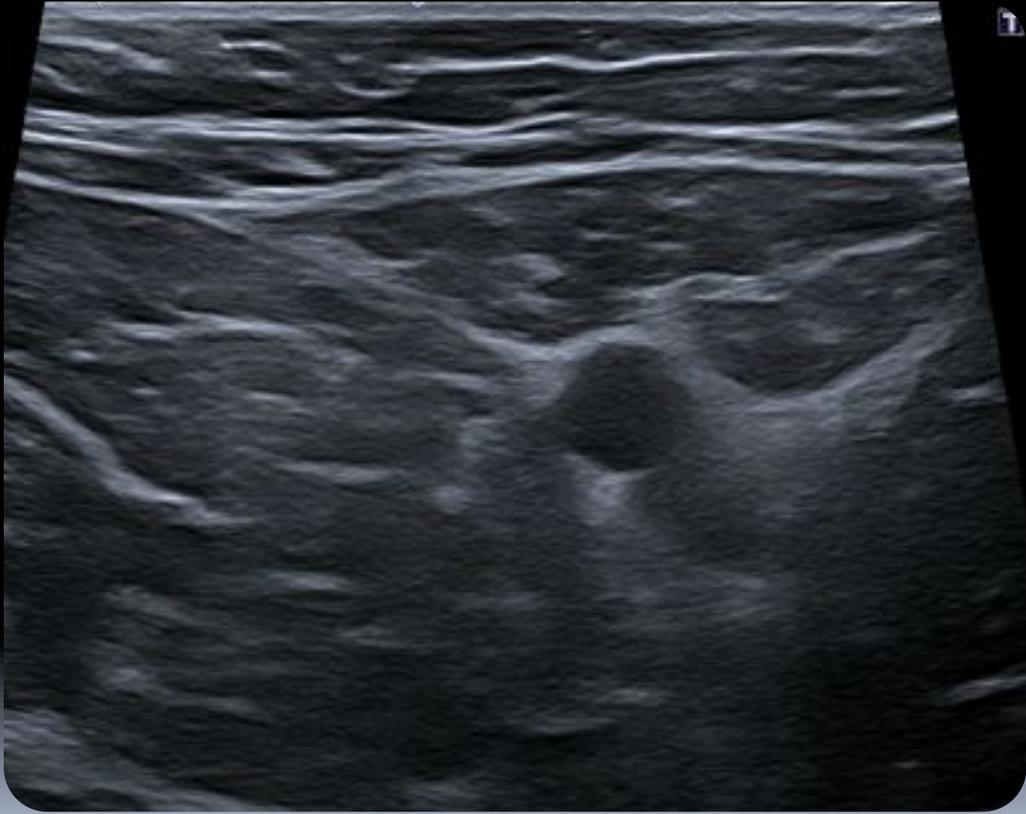


NERF SAPHENE

- Racines L2-L4
- Purement sensitif face antéro-médiale cuisse et genou et médiale de la jambe
- Canal fémoral puis entre vaste médial et sartorius



NERF SAPHENE



PATHOLOGIES

- Entrapement/ Névromes
- Compression extrinsèque
- Traumatismes
- Tumeurs
- Névrites

TUMEURS

Bénignes

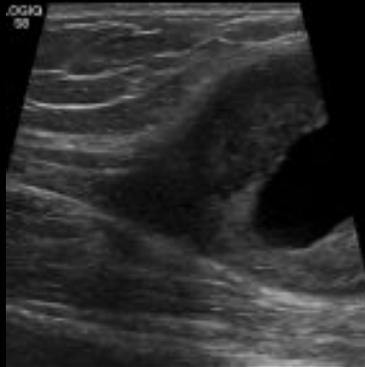
- Schwannomes



- Neurofibromes



- Neurofibromes pléxiformes

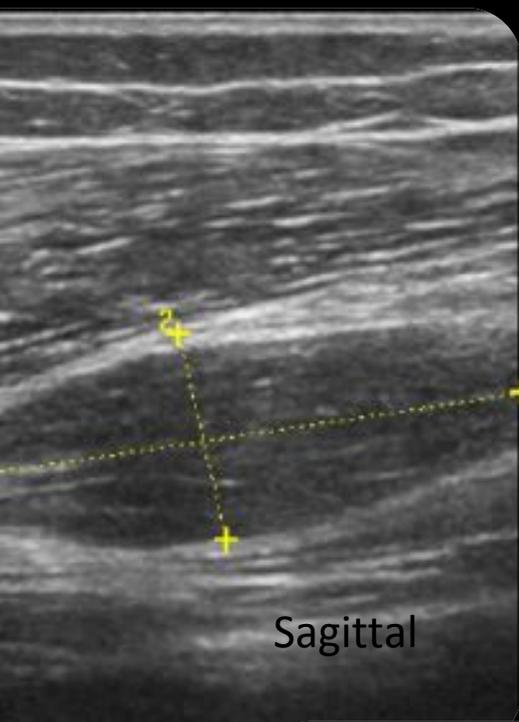


Malignes

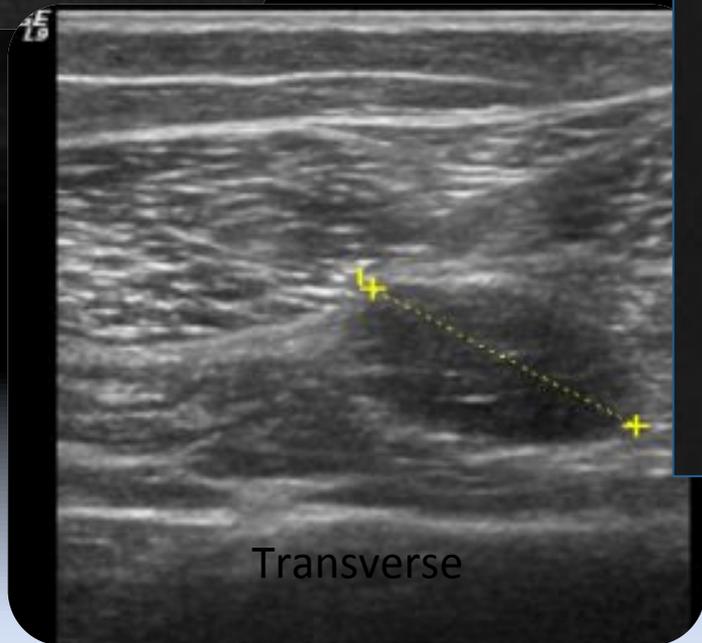
- Tumeurs malignes des nerfs périphériques (MPNST). Sarcomes à cellules fusiformes.



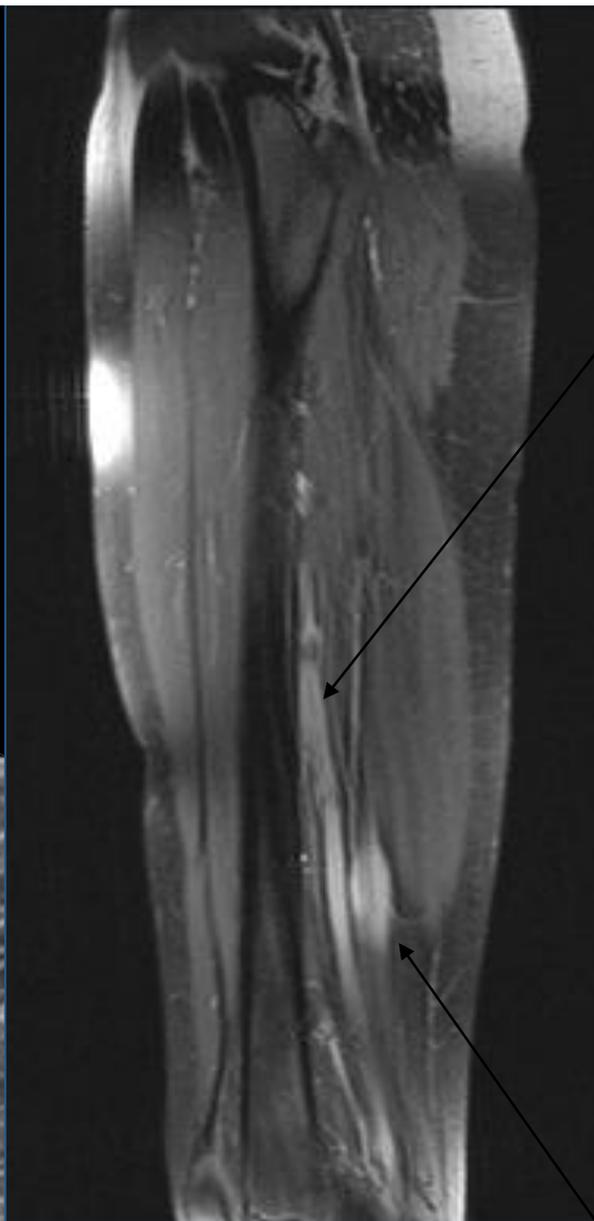
- >5cm
- Envahissement des parties molles



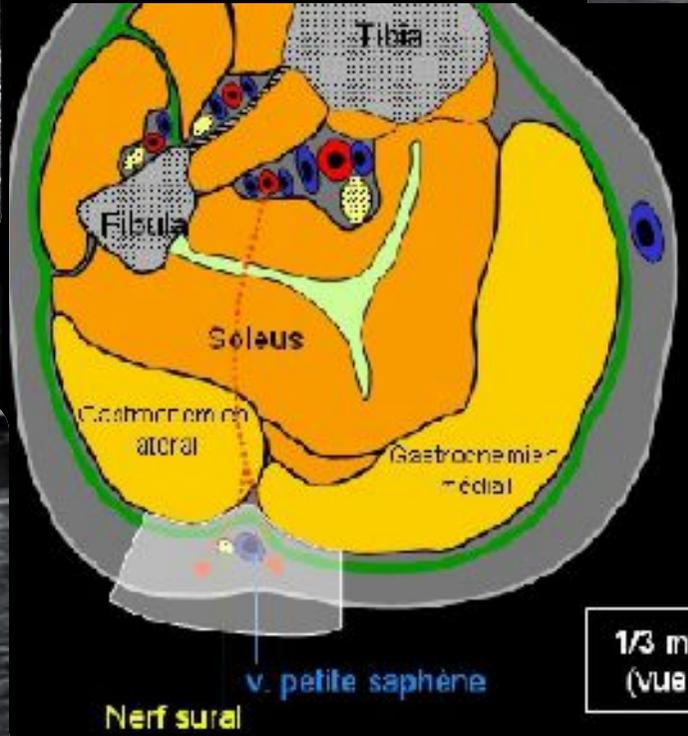
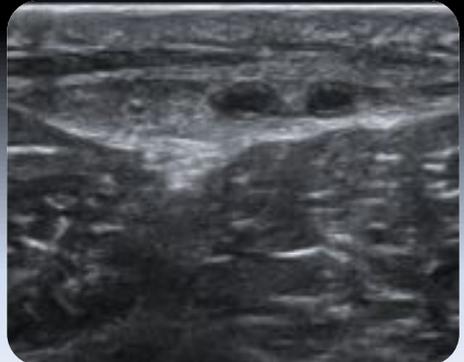
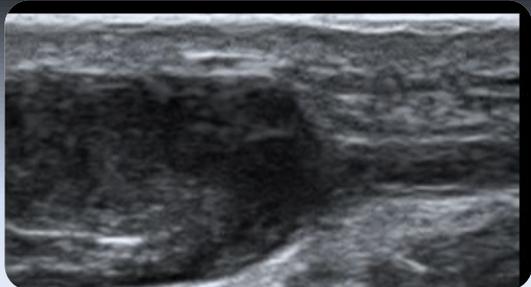
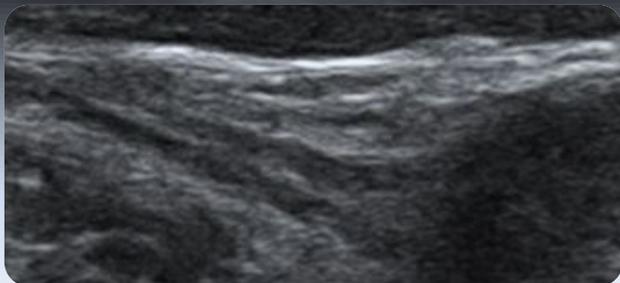
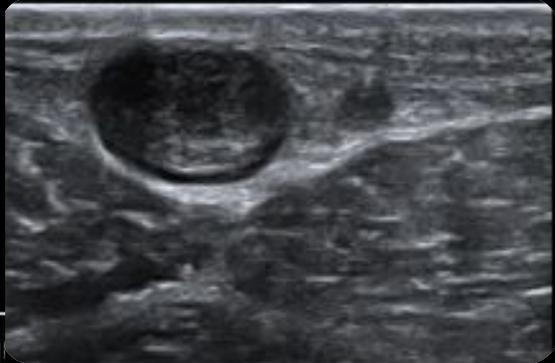
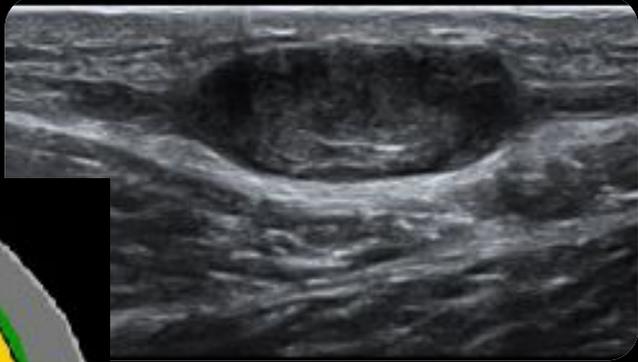
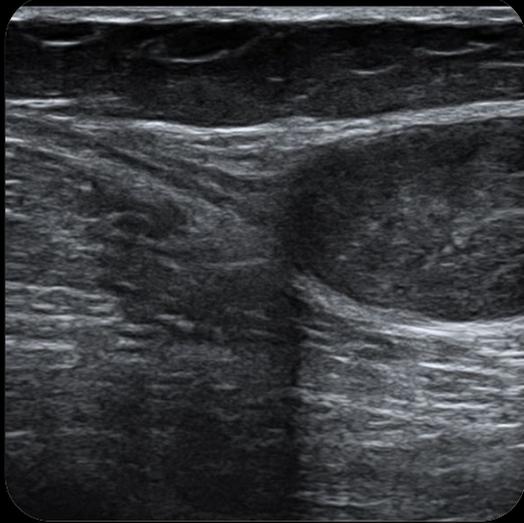
Sagittal

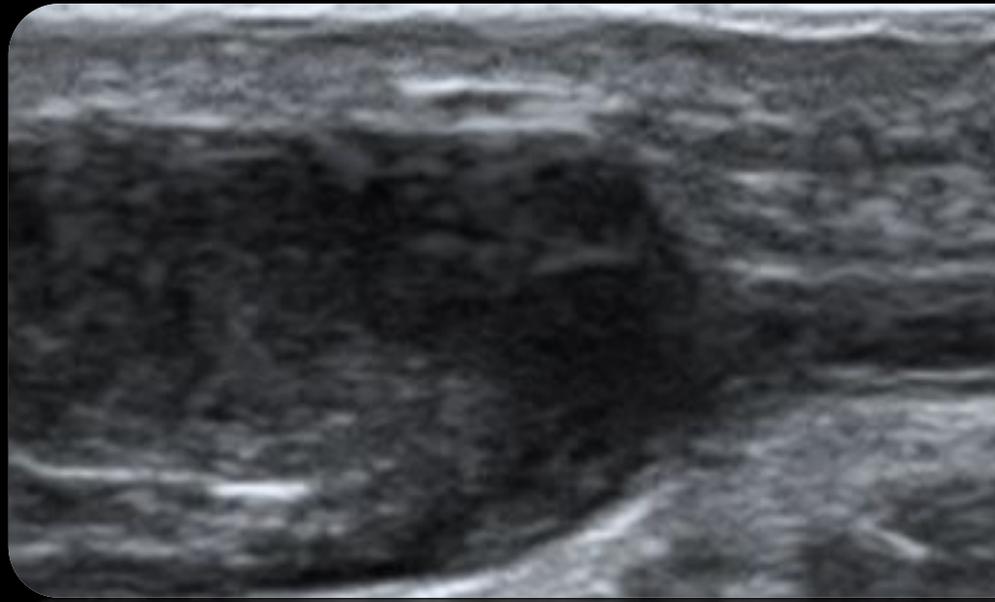
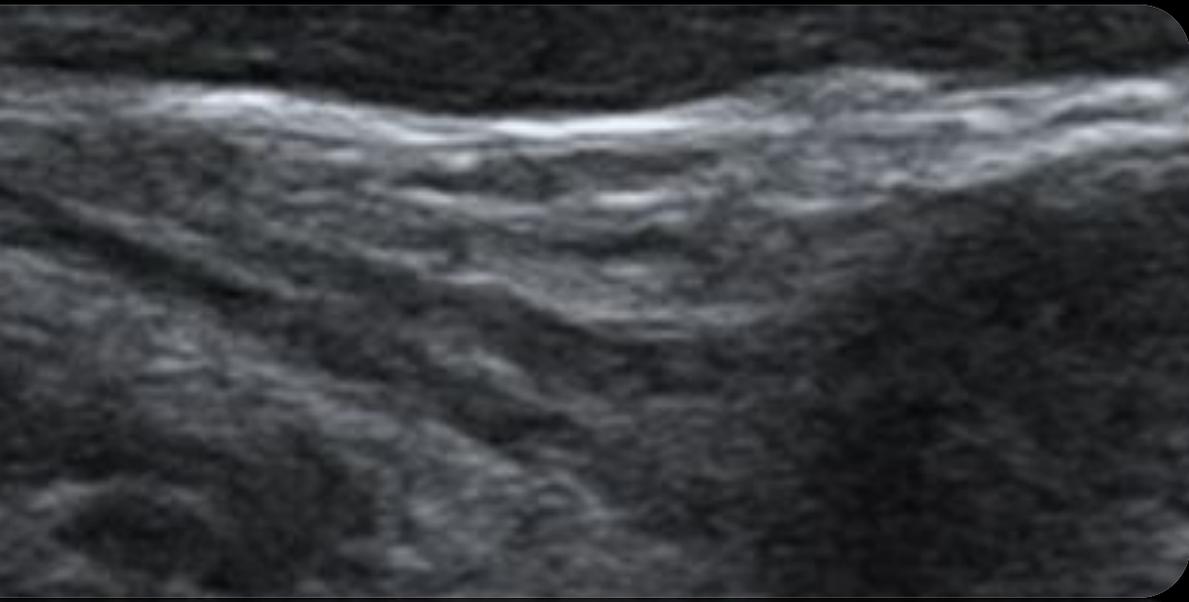


Transverse

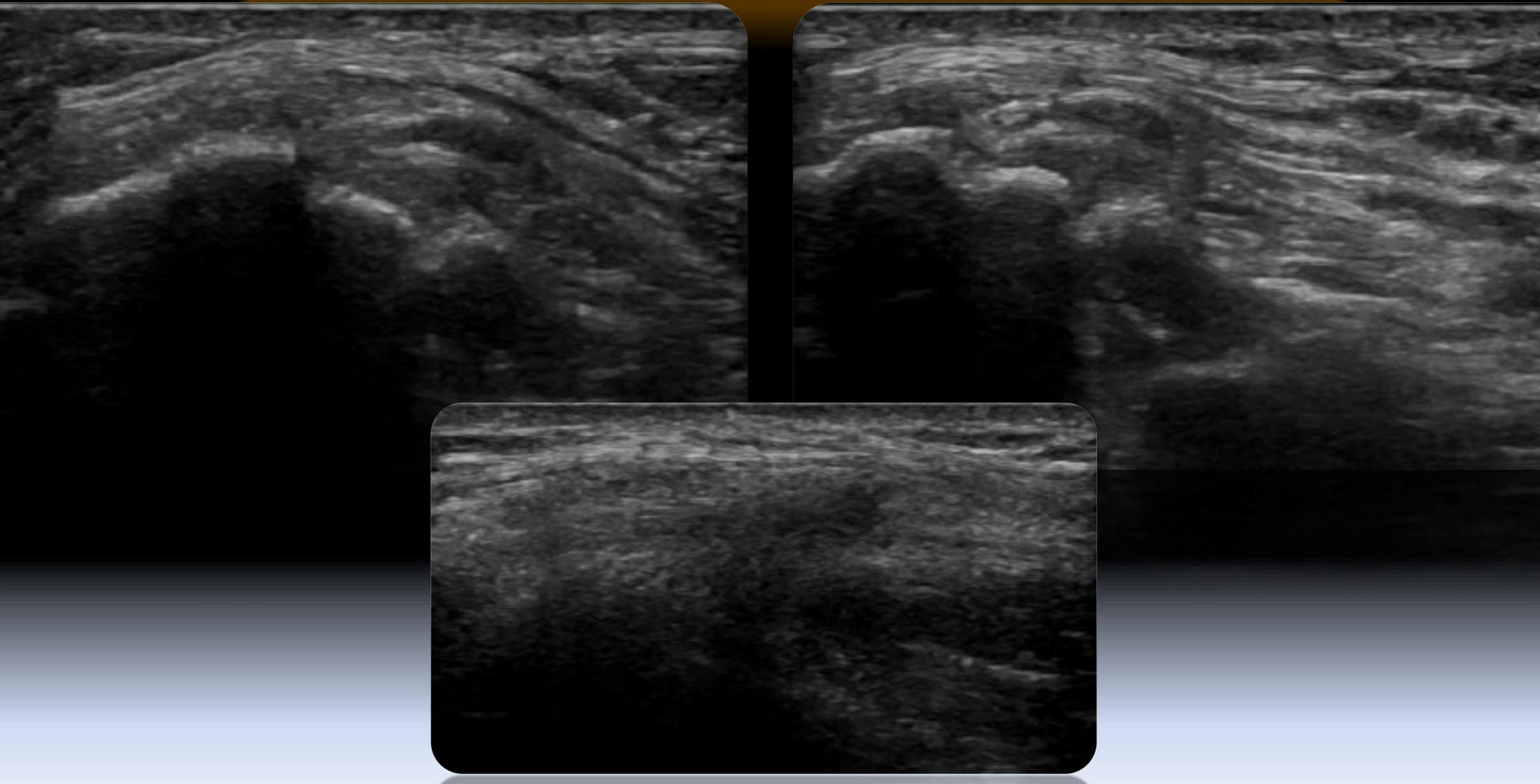


Neurofibrome du sciatique

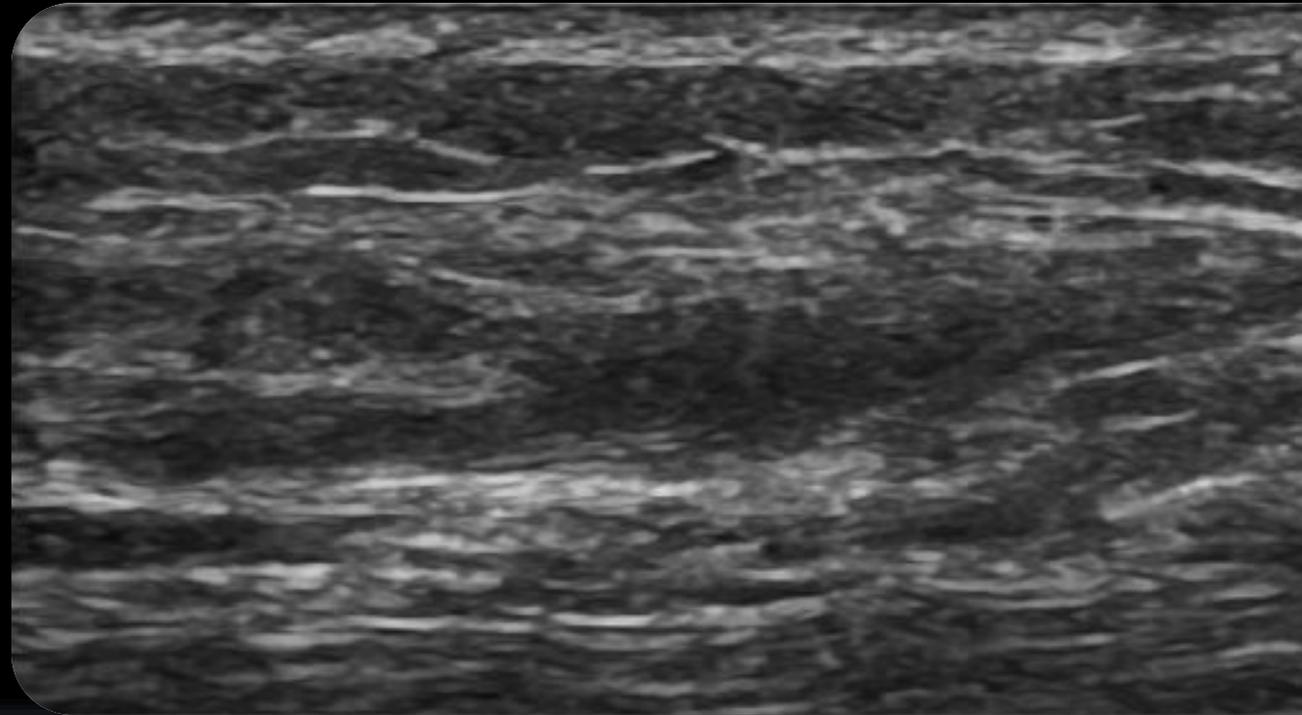
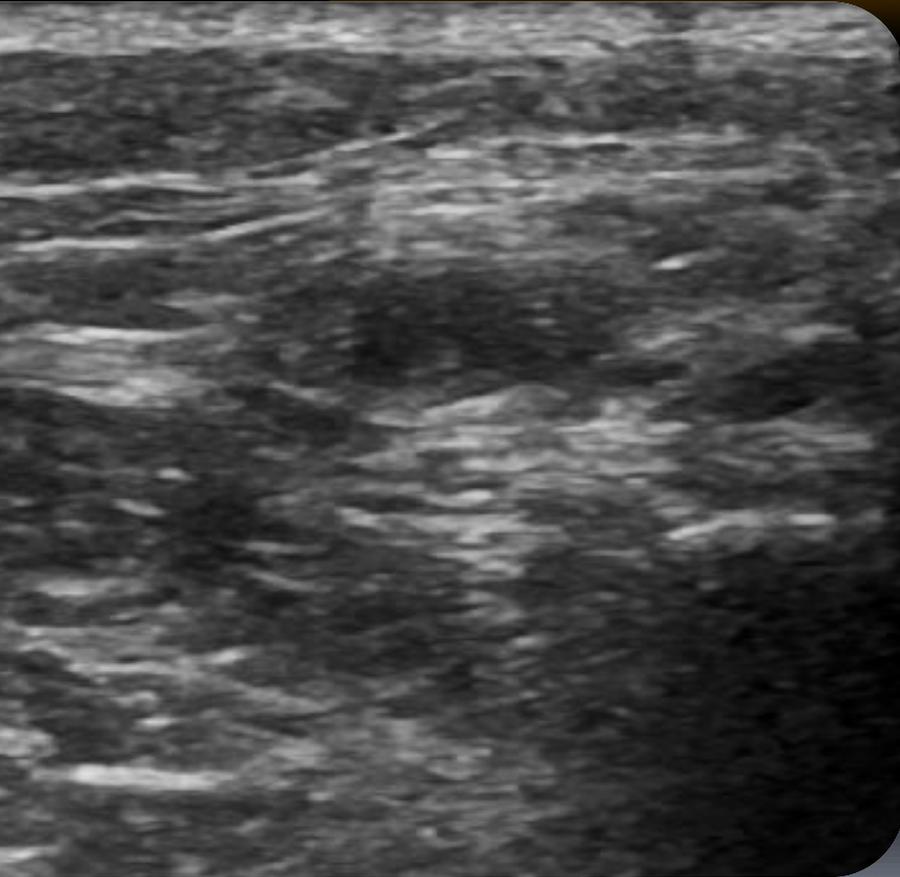




ENTRAPEMENT/NEVROME

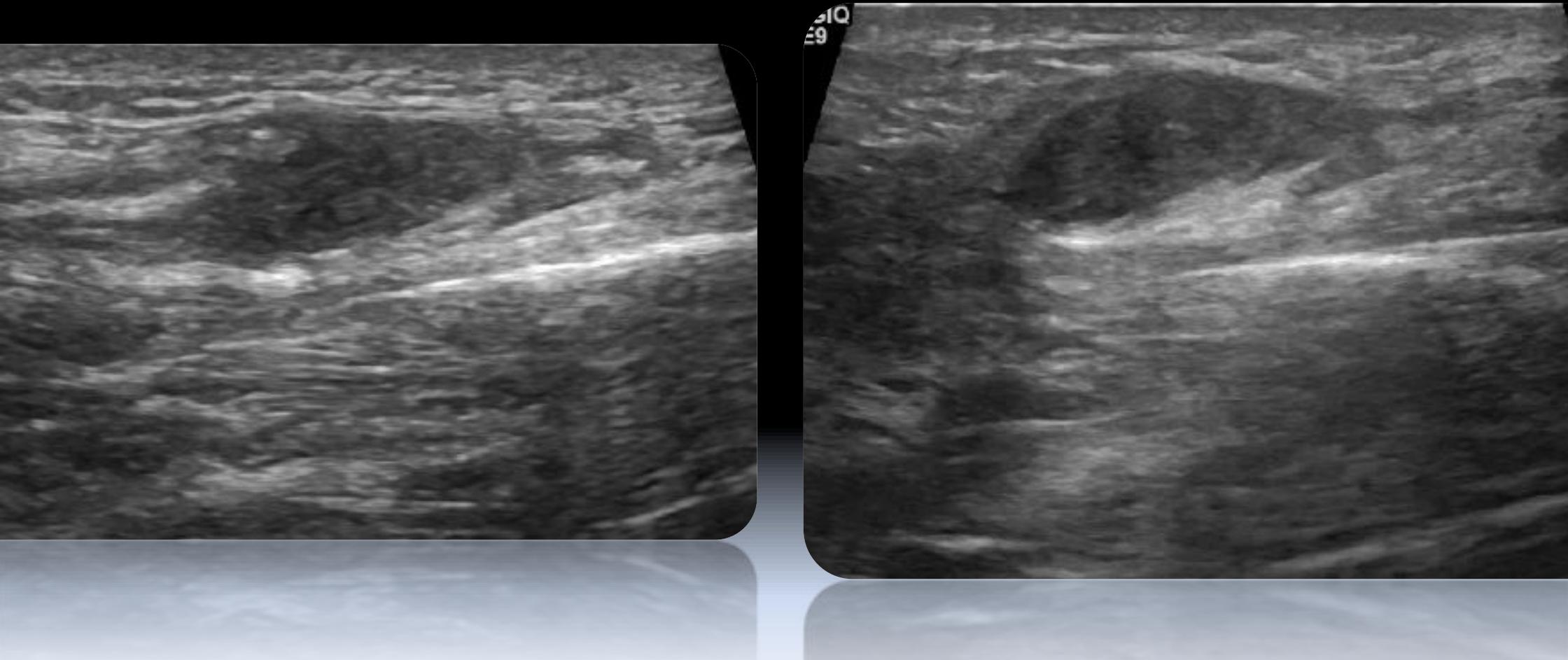


ENTRAPEMENT/NEVROME

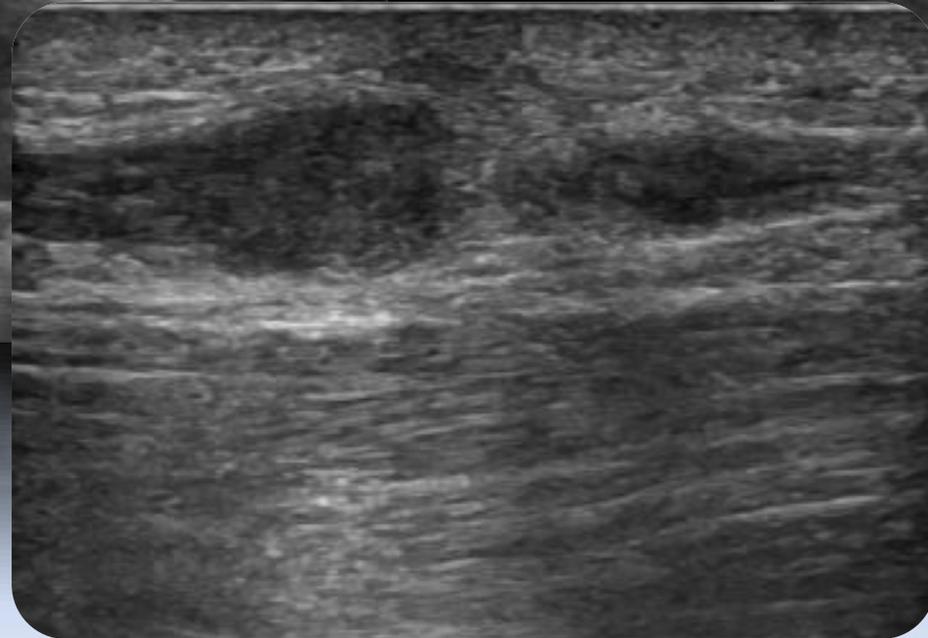
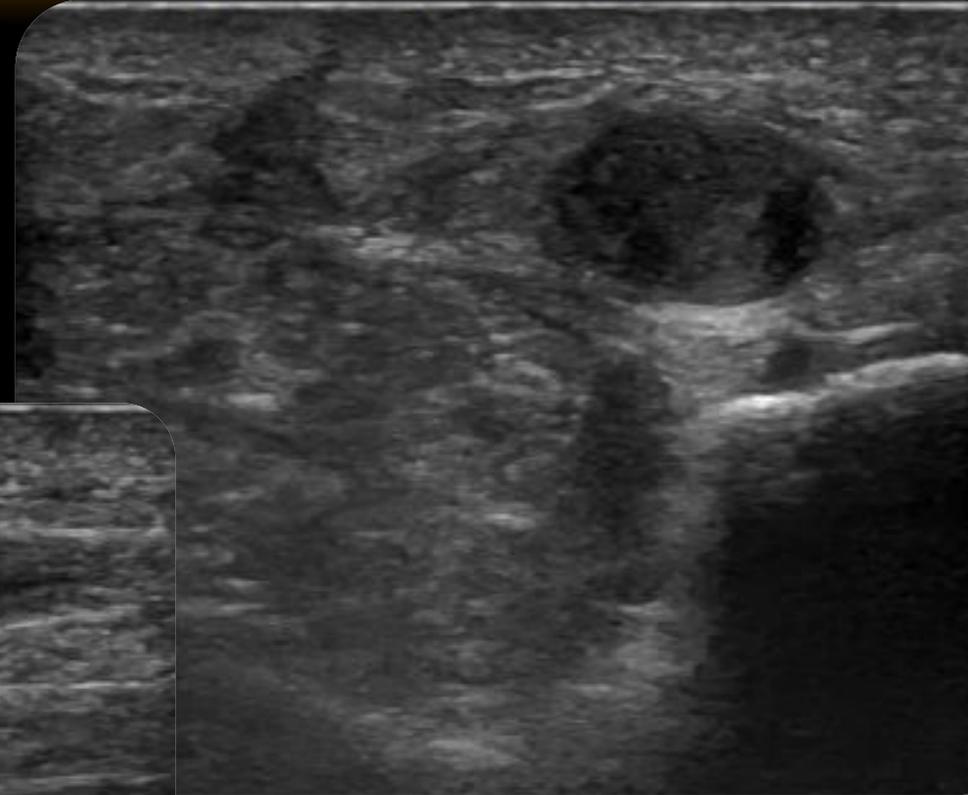


Névrome NFS

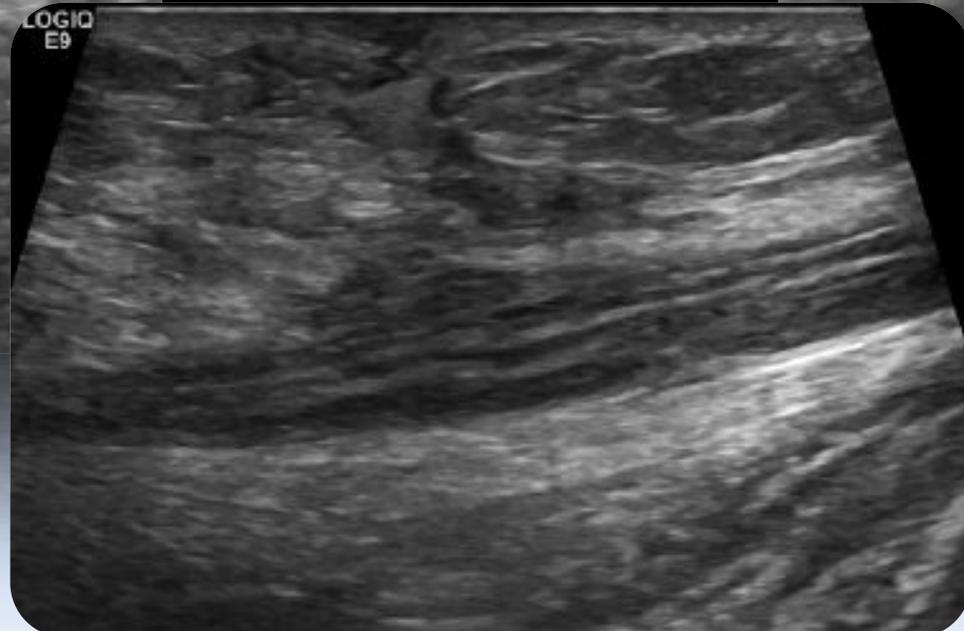
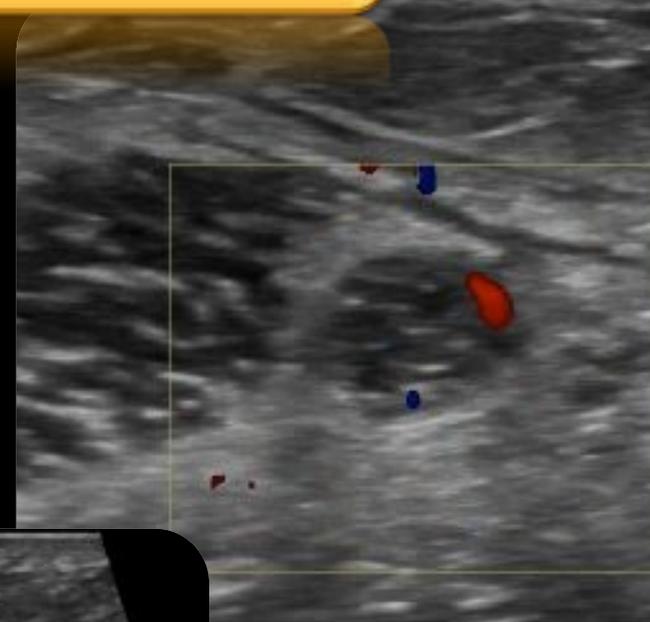
TRAUMATISMES



TRAUMATISMES

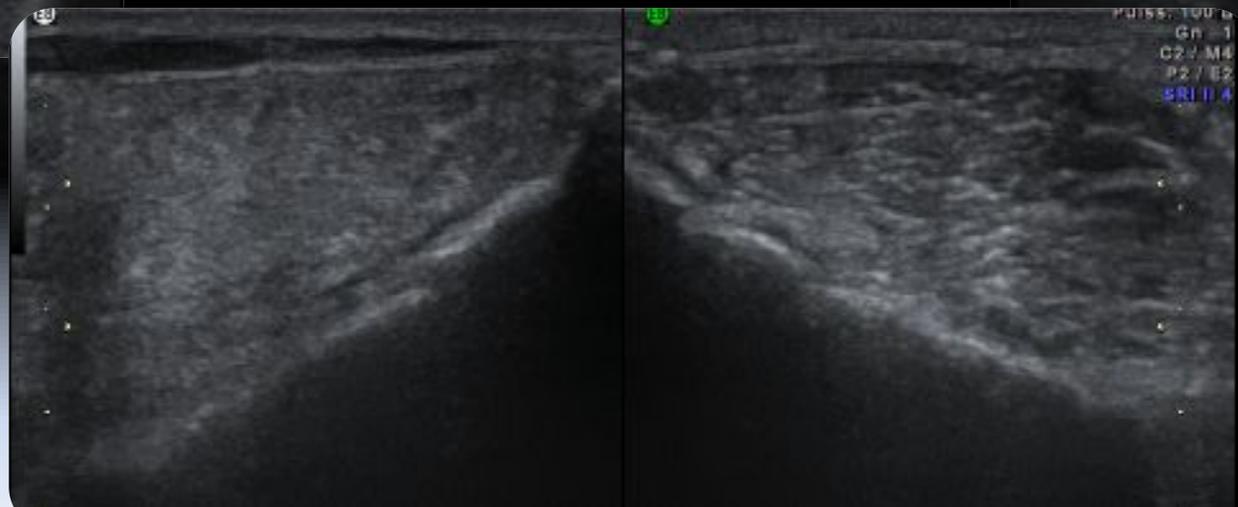
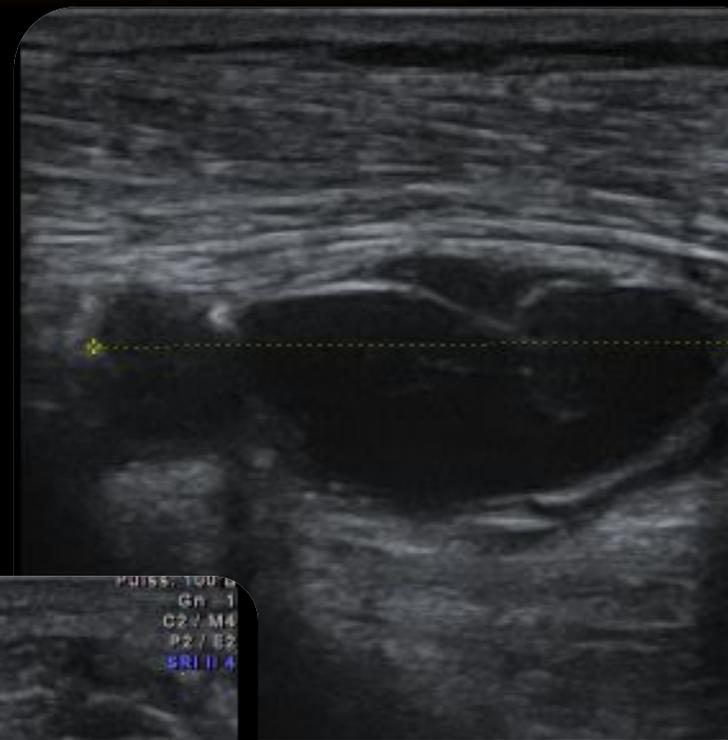
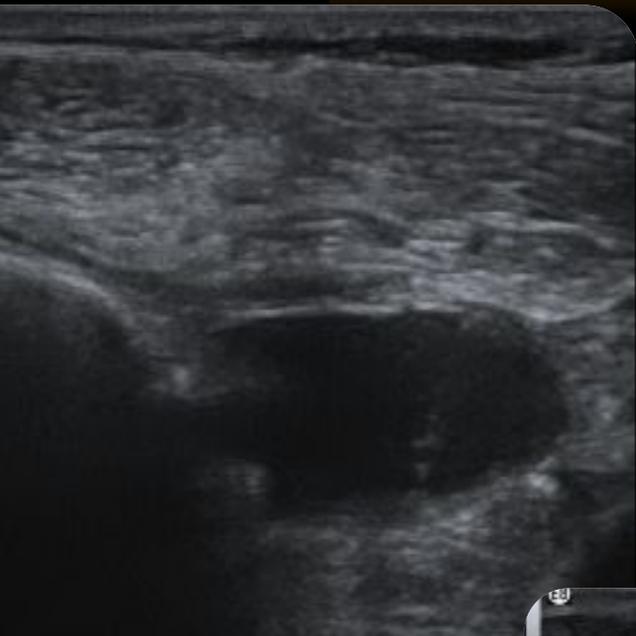


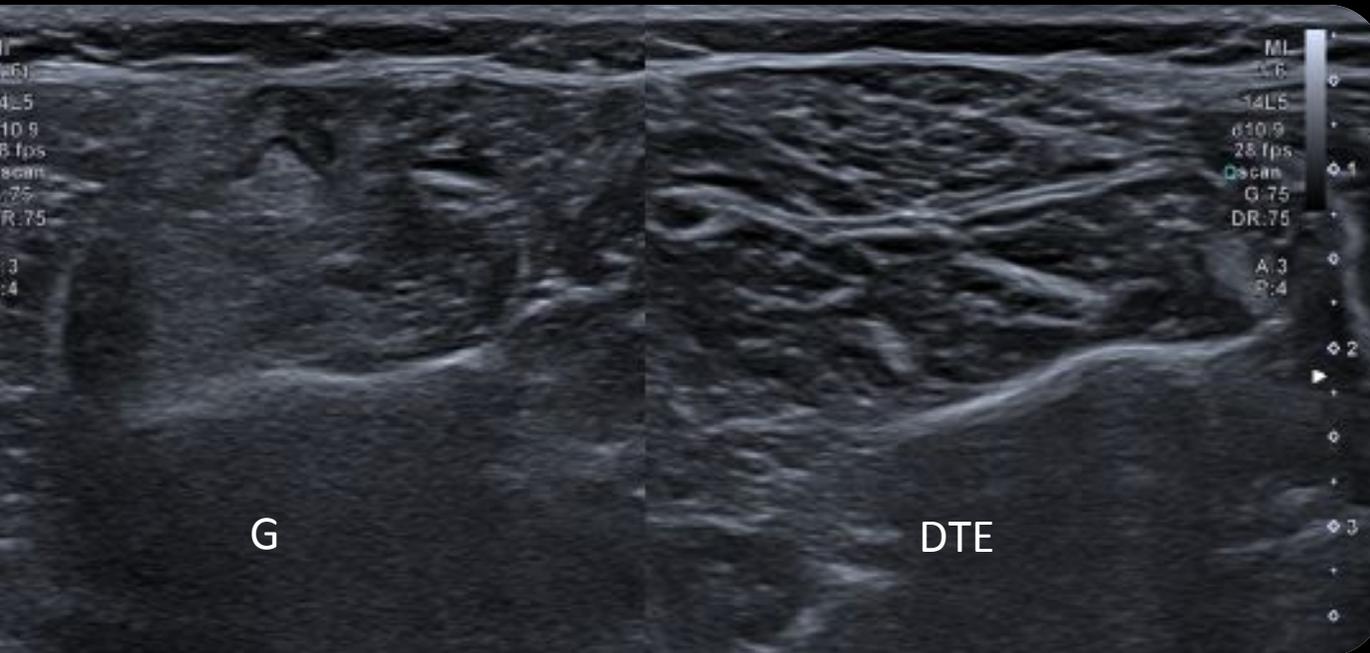
TRAUMATISMES



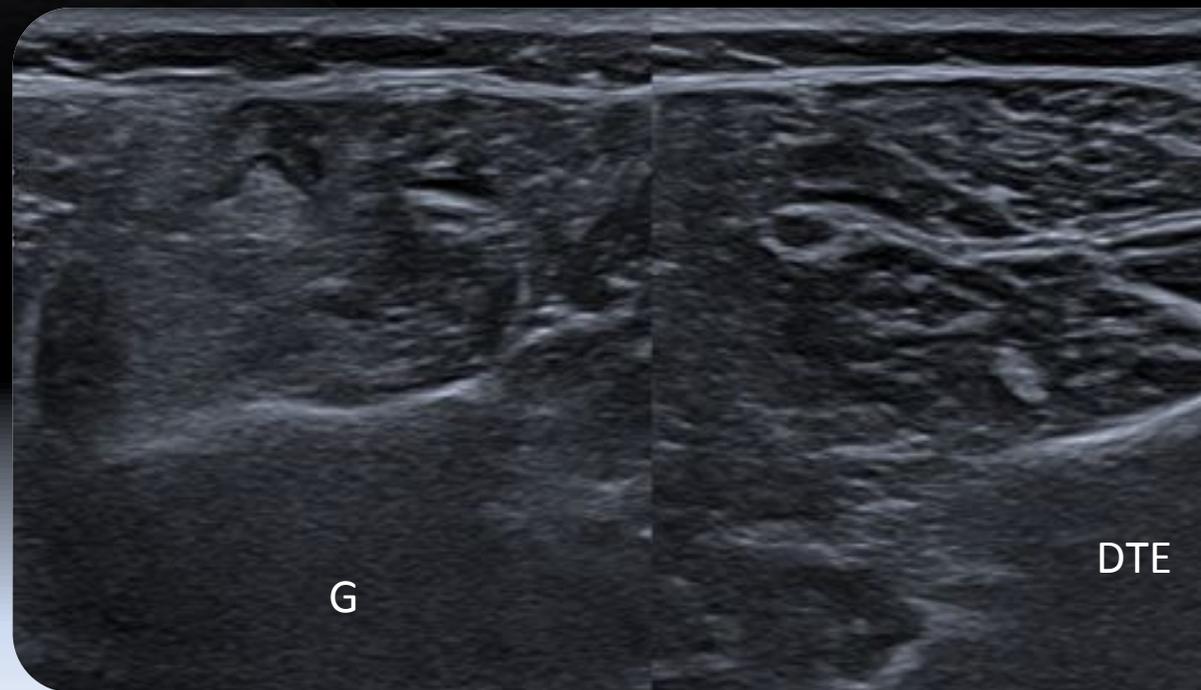
lésion post-op nerf fibulaire

COMPRESSION EXTRINSEQUE

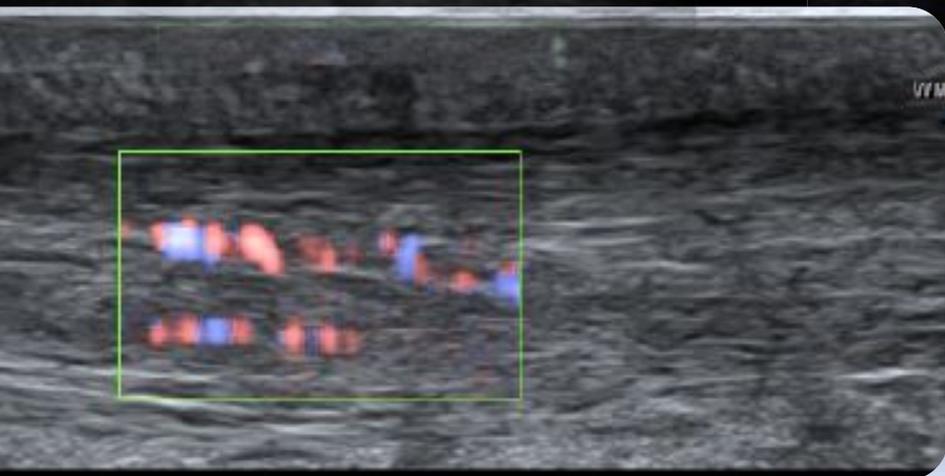
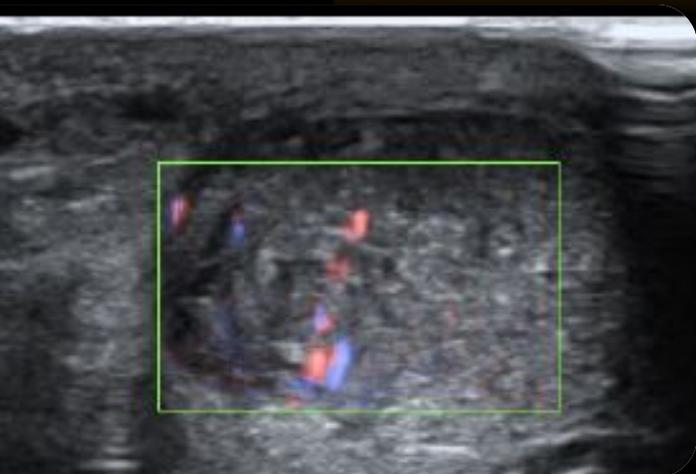




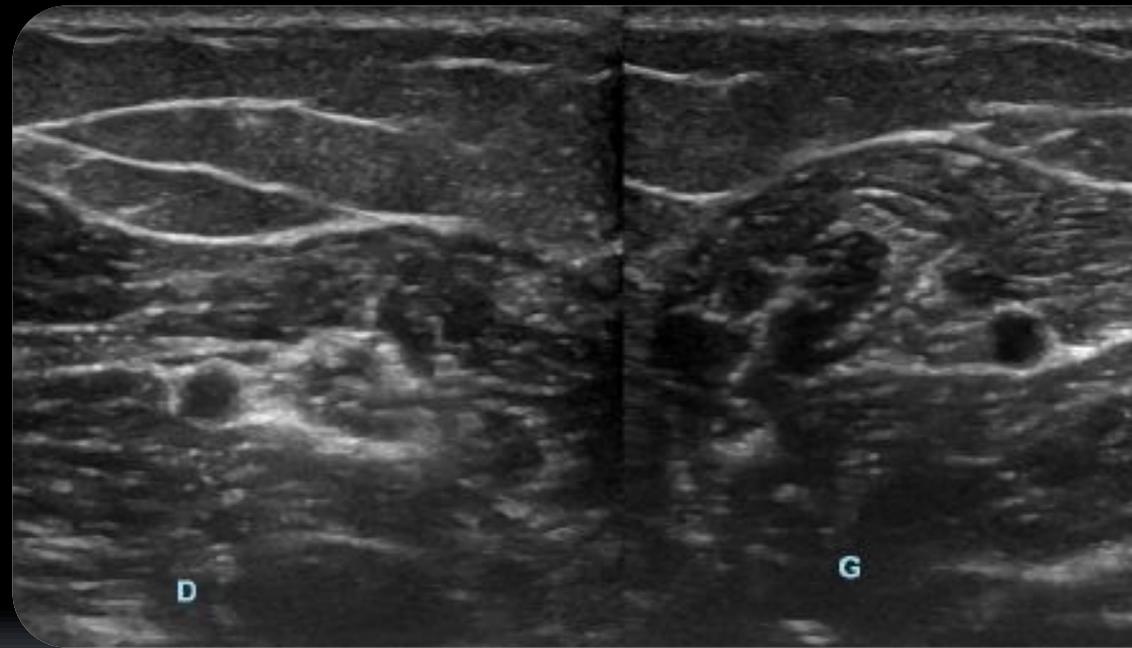
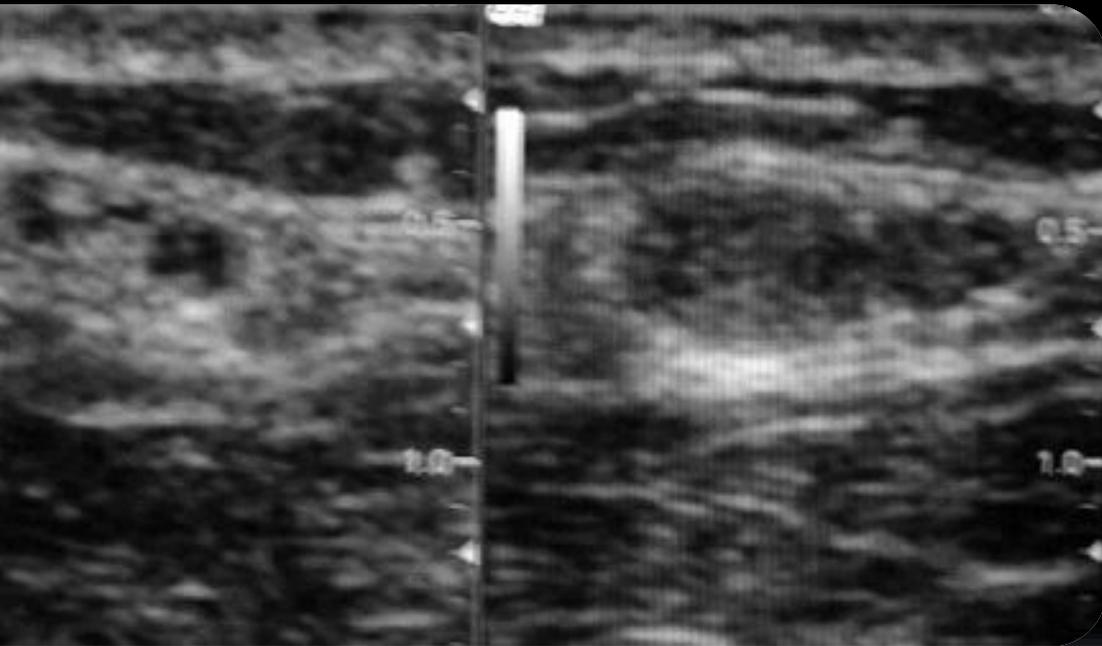
Atteinte neurogène fibulaire



NEVRITES

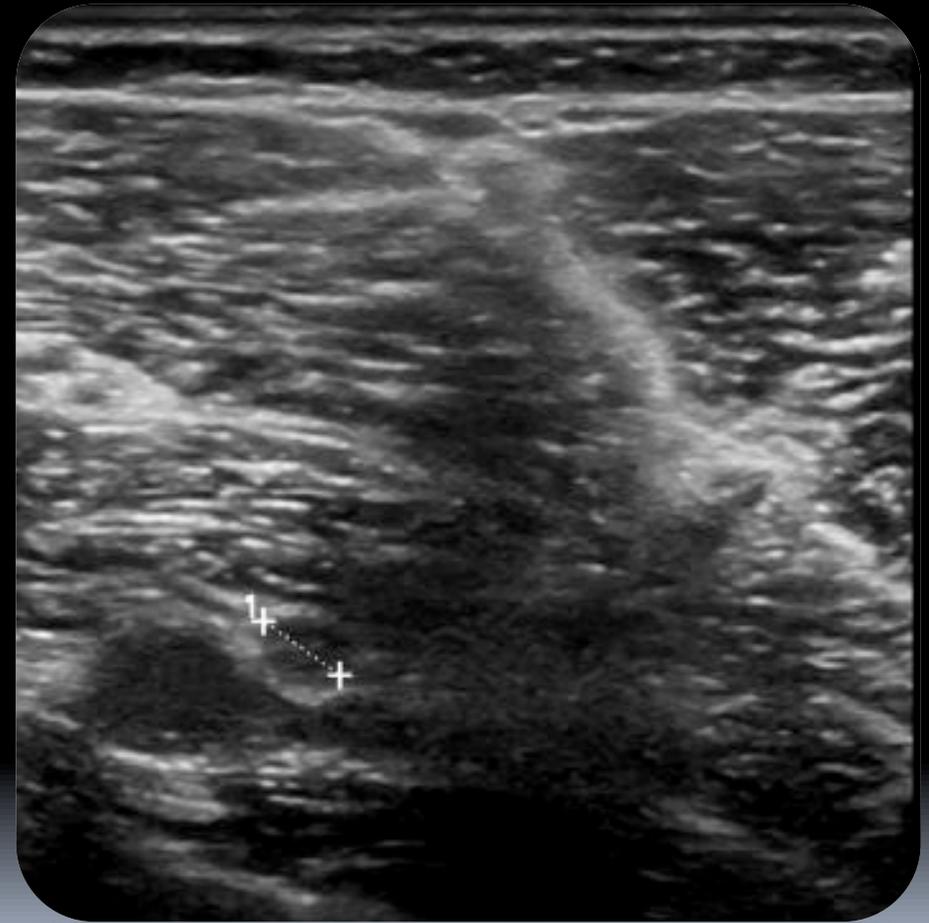
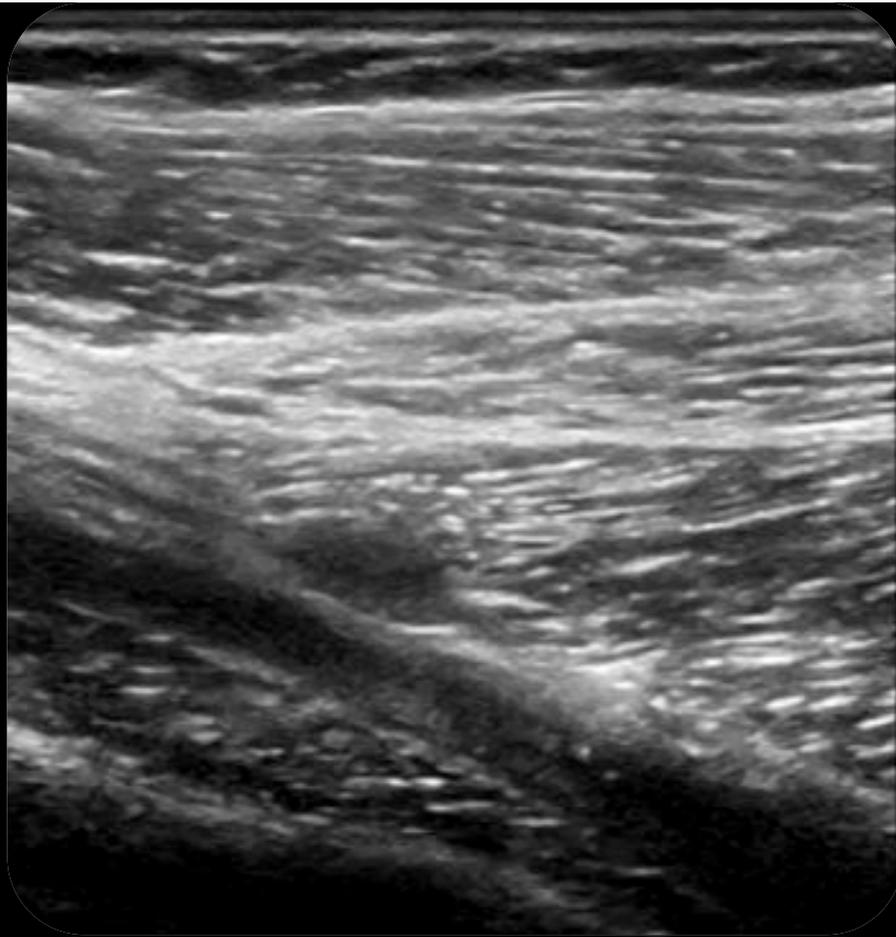


NEVRITES



EN PRATIQUE

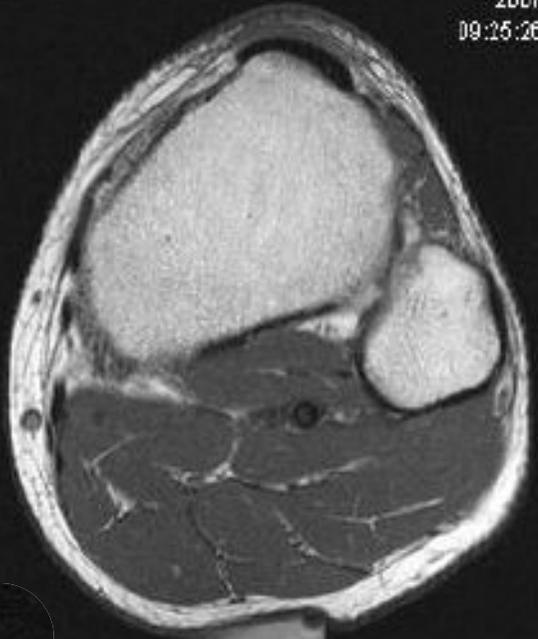
- Rarement demandée
- Mais étude systématique
 - Echo articulaire.
 - Echo musculaire.
 - Mollet : Etude complète sciatique, tibial et sural.



Douleurs du mollet zone
gâchette

Im: 15/9
: 0.0
2007 Dec 06
09:25:26.500000

320 x 320
Mag: 1.0x



ET: 0
TR: 0.0
TE: 0.0

DFOV: 0.0 x 0.0cm

TSE SAG FS
Se: 6/6
Im: 5/9
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043Y M 53z
Acc:
2007 Dec 06
09:25:26.500000

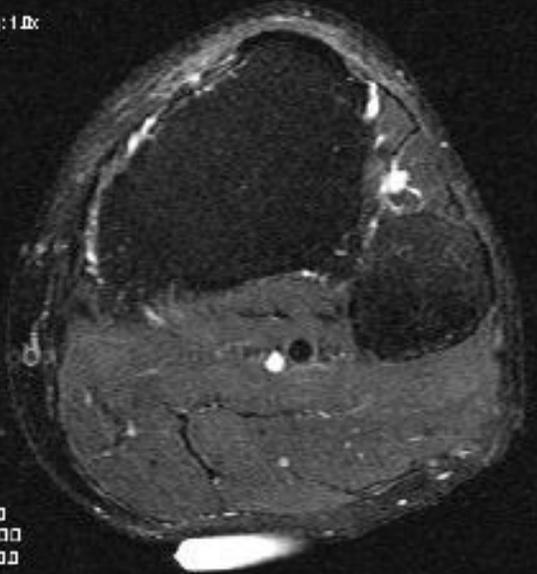
320 x 320
Mag: 1.0x

ET: 0
TR: 0.0
TE: 0.0



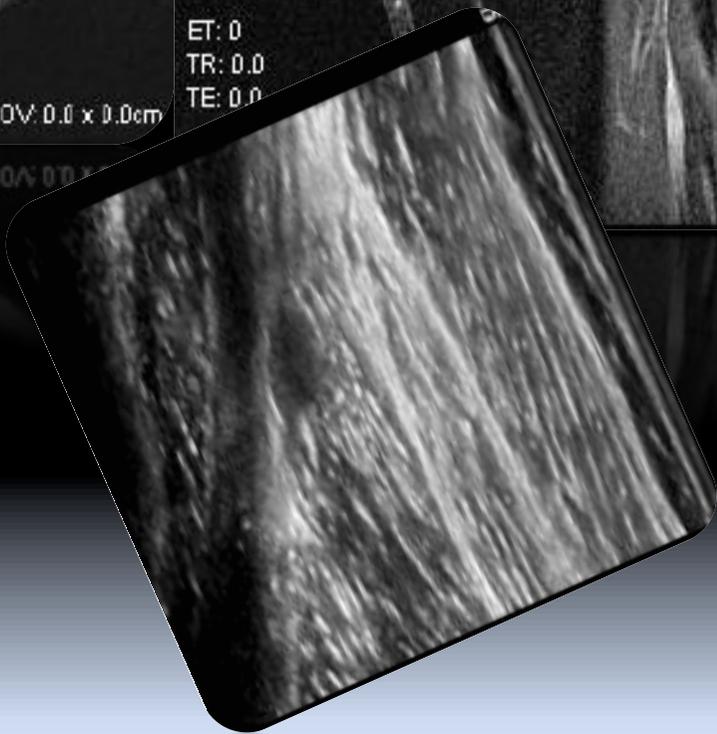
DFOV: 0.0 x 0.0cm

364 : 337
Mag: 1.0x



ET: 0
TR: 0.0
TE: 0.0

DFOV: 0.0 x 0.0cm



MERCI DE VOTRE ATTENTION

MERCI DE VOTRE ATTENTION