RDGN 2120 *NEURORADIOLOGIE*

Année académique 2021-22

Pathologie traumatique aiguë crânio-cérébrale et spinale

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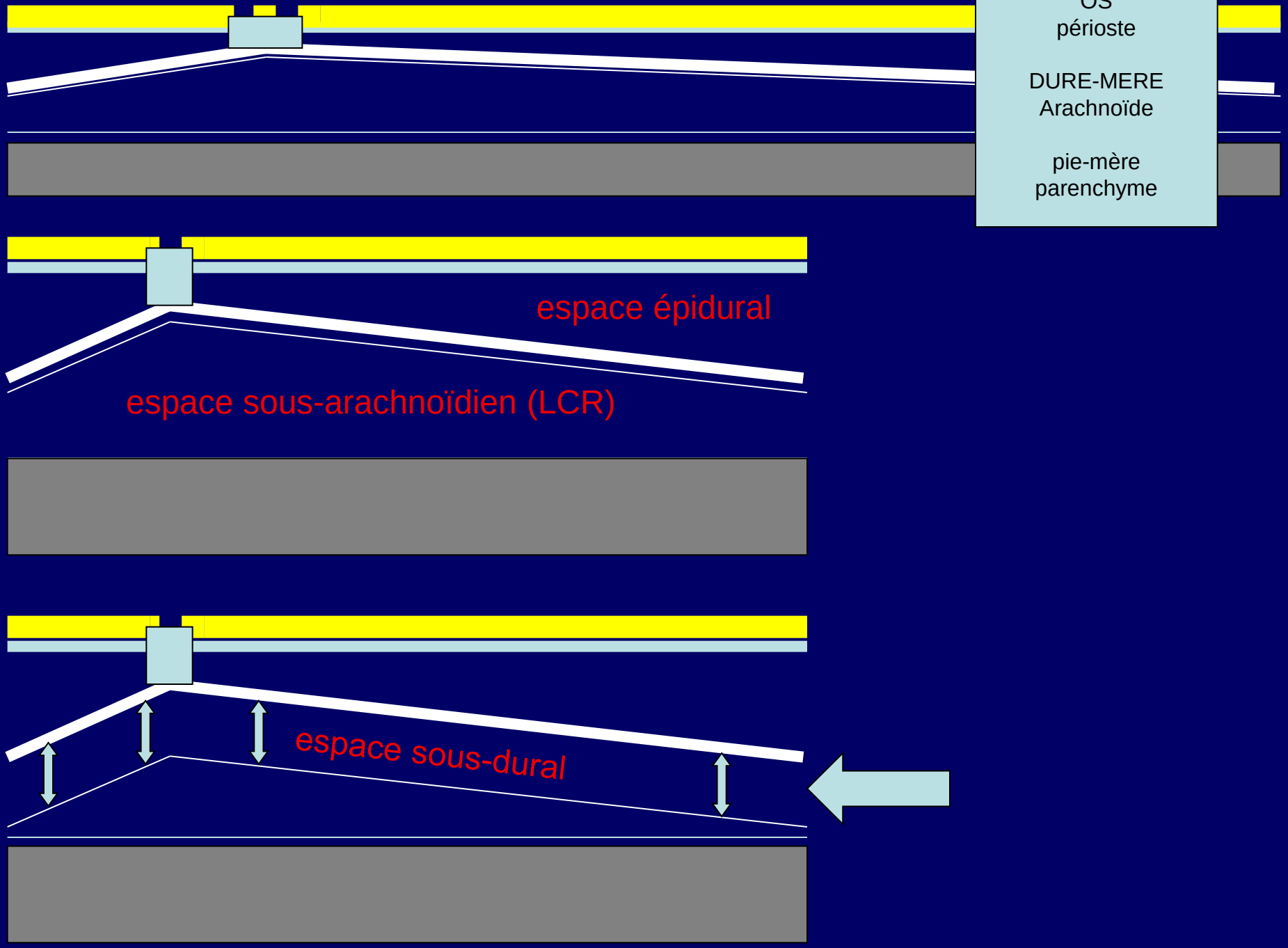
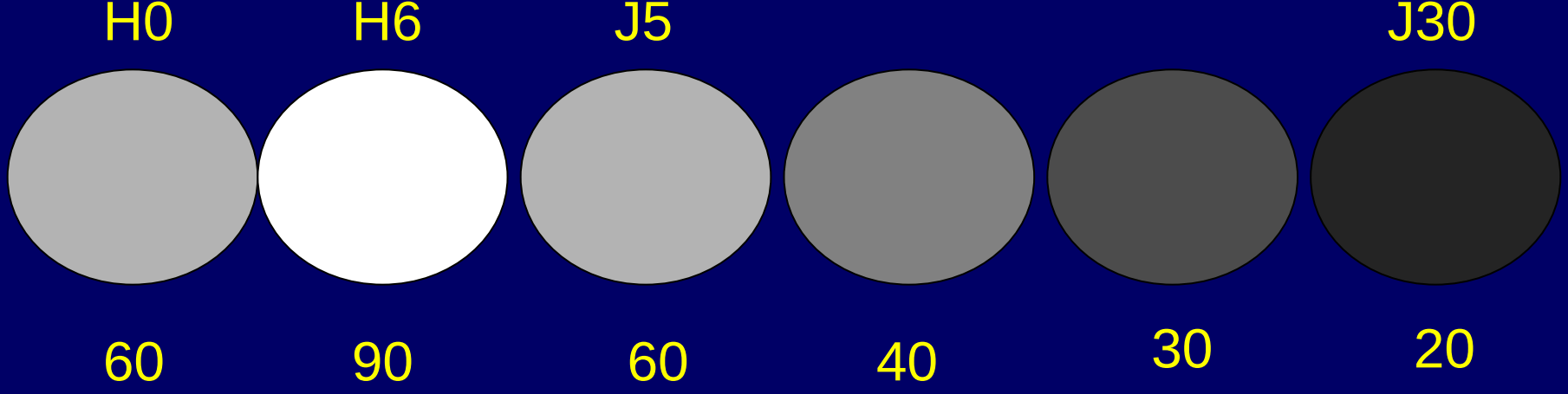
Sd Cours du jeudi 30 septembre 2021

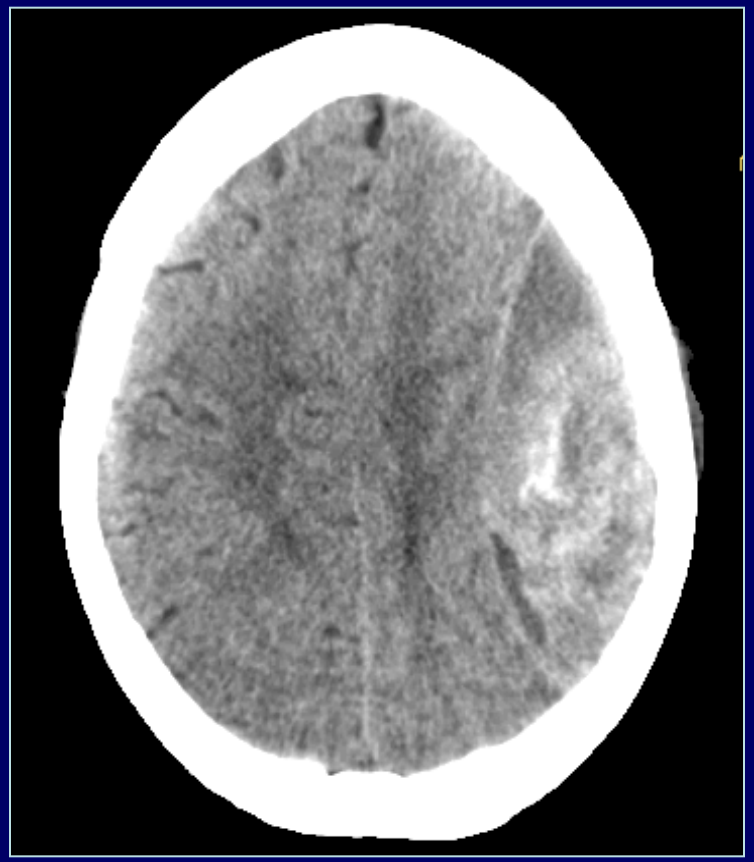

OS
périoste
DURE-MERE
Arachnoïde
pie-mère
parenchyme
espace épidural
espace sous-arachnoïdien (LCR)
espace sous-dural

Densité de l’hématome (forme collectée, non "*washed out*“ par le flux de LCR)



Hématome Extra-Dural (HED)

hyperaigu

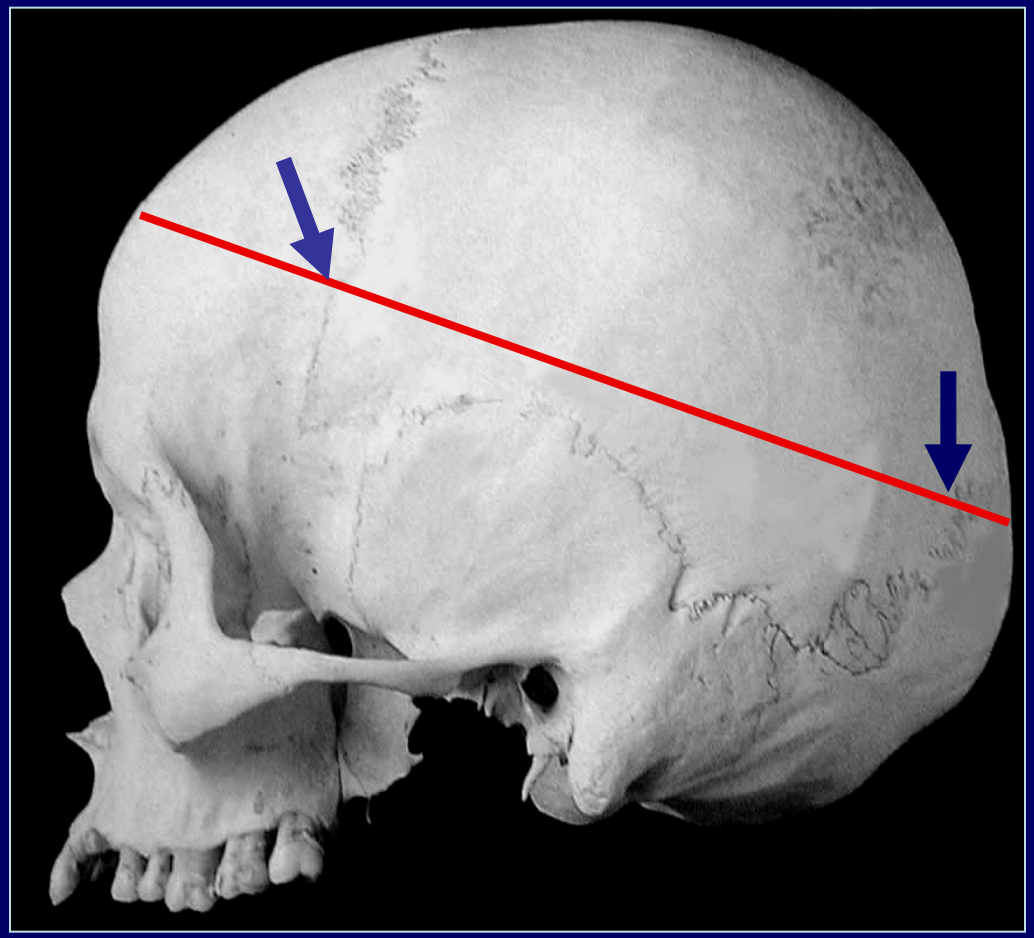


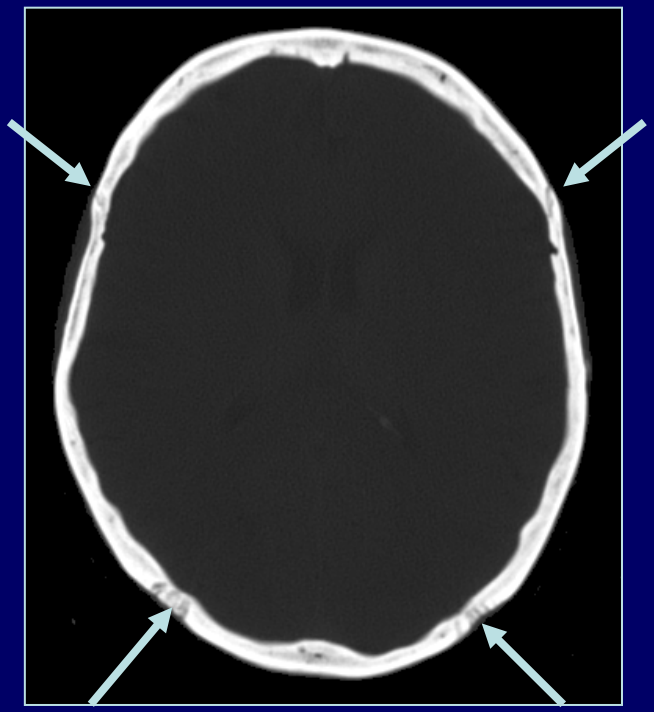
aigu

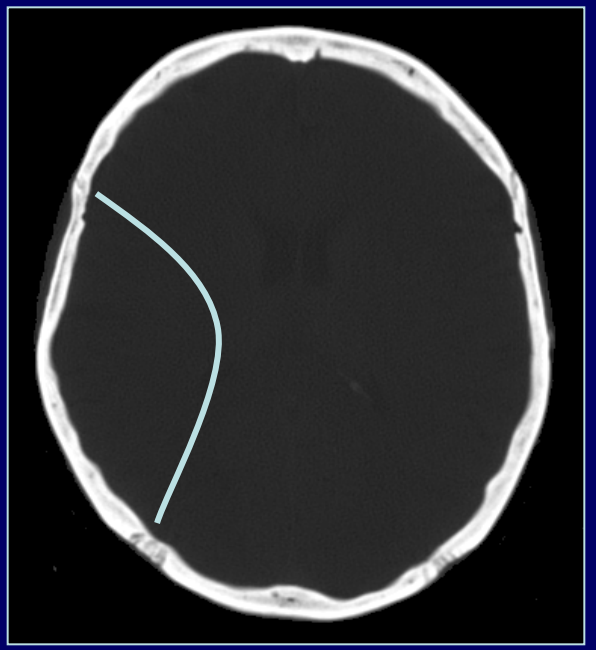
Saignement artériel → débit & pression → hétérogène

en phase aiguë

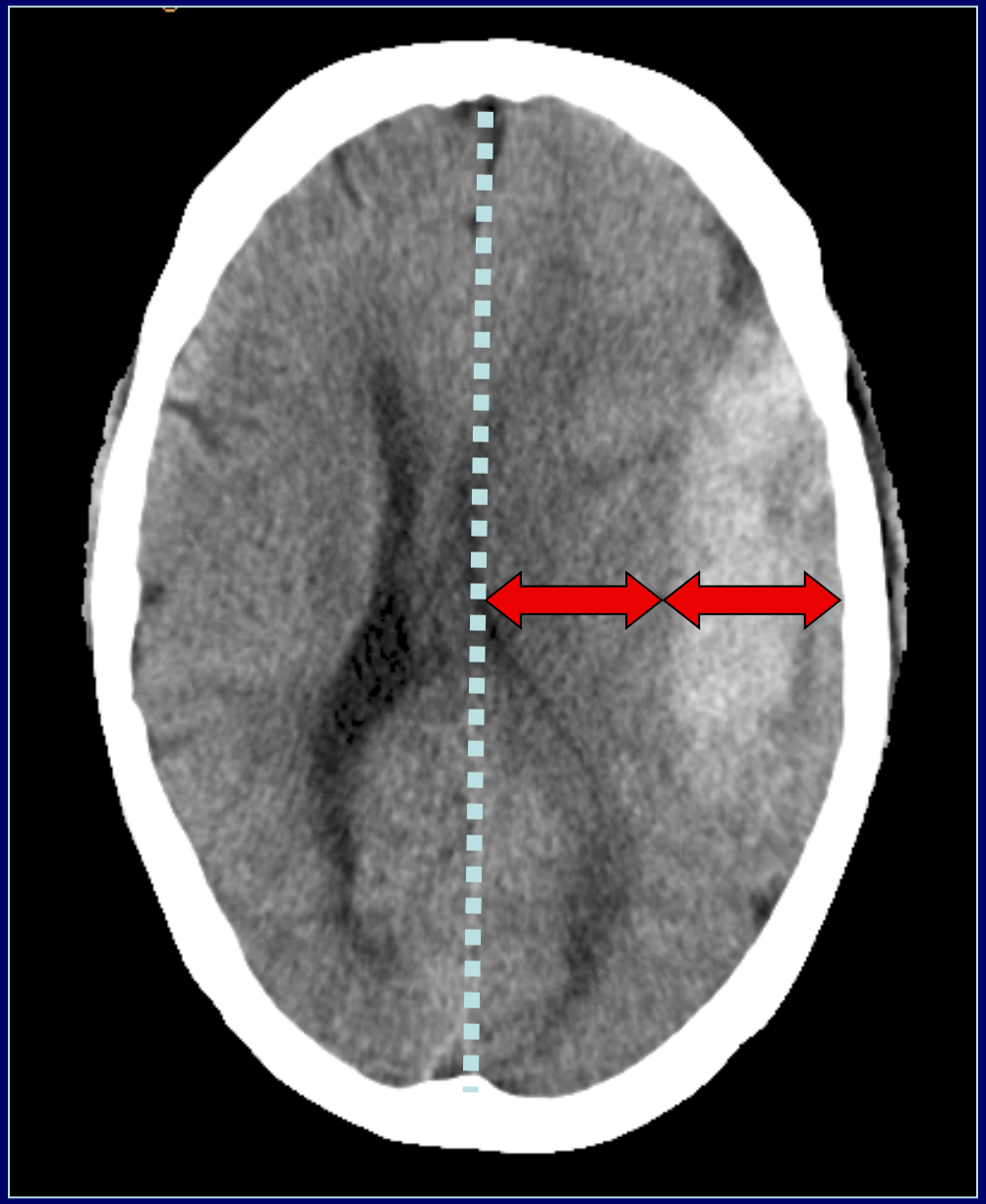
Arrêt par les sutures





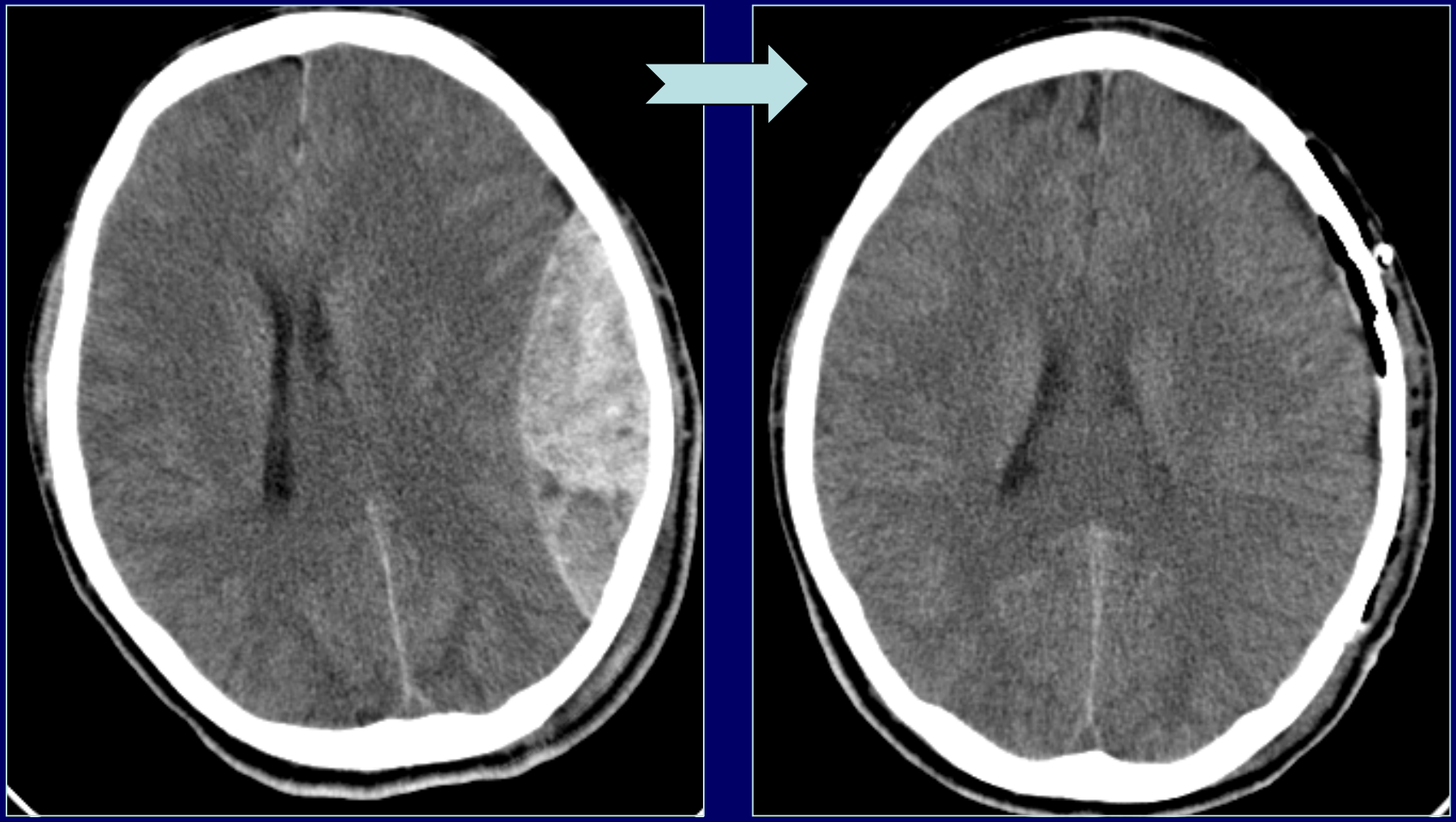


→ lentille bi-convexe



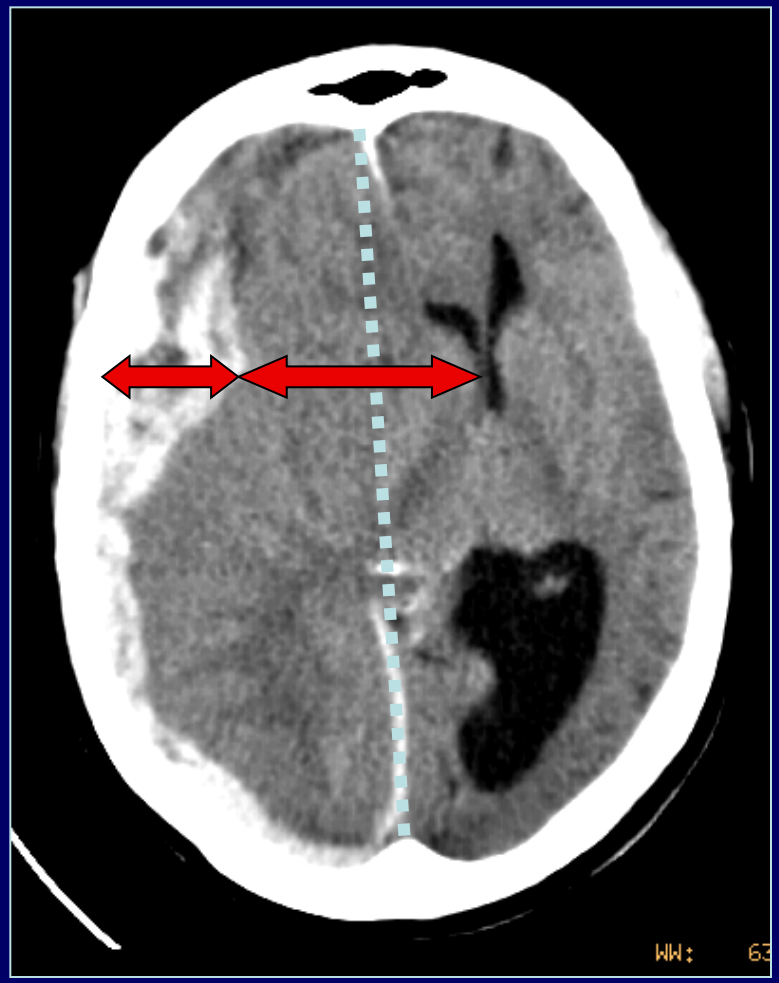
Effet de masse ‘*proportionnel*’

Traitement chirurgical…

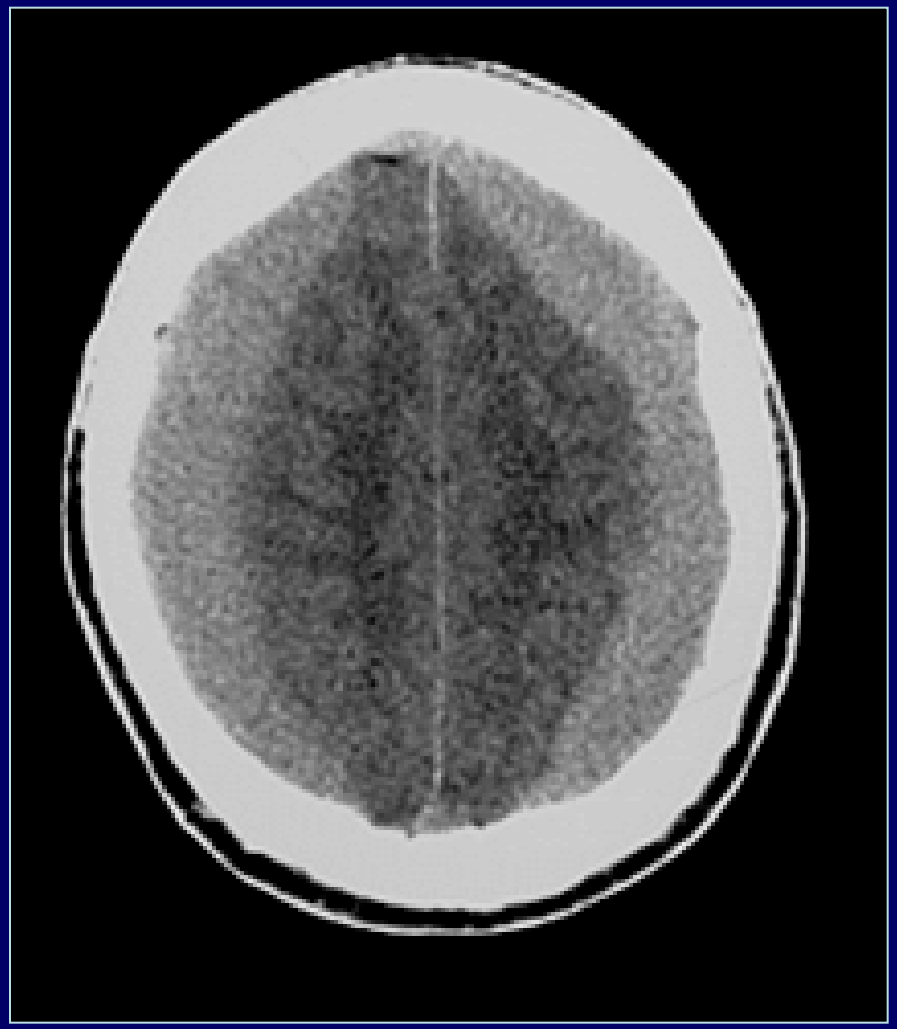


Hématome Sous-Dural (HSD)

coup – contre-coup
lésions associées



effet de masse
“hors proportion"



bilatéralité

adulte

débilitation neurologique

C_2H_5OH

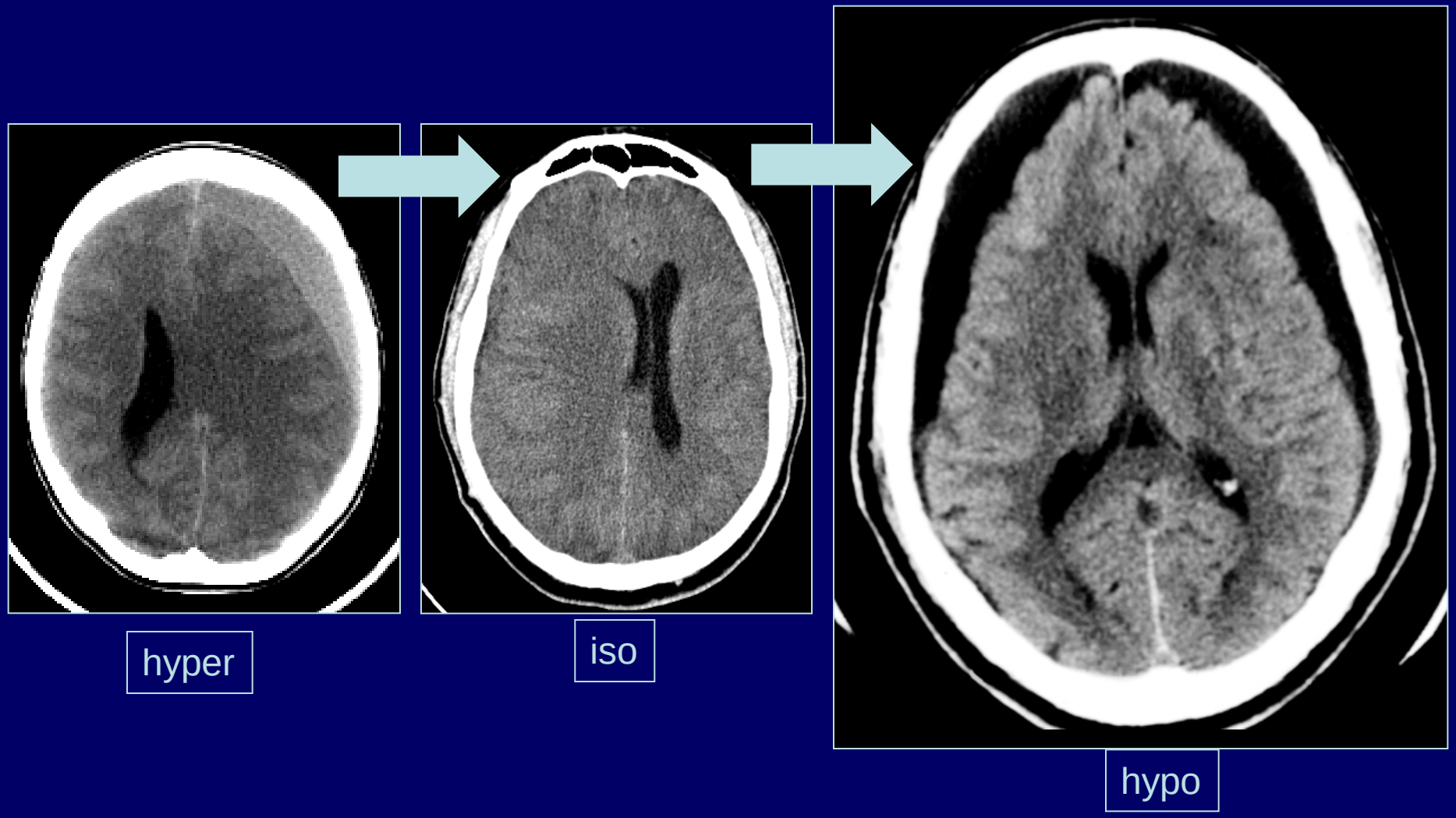
enfant

shaken baby

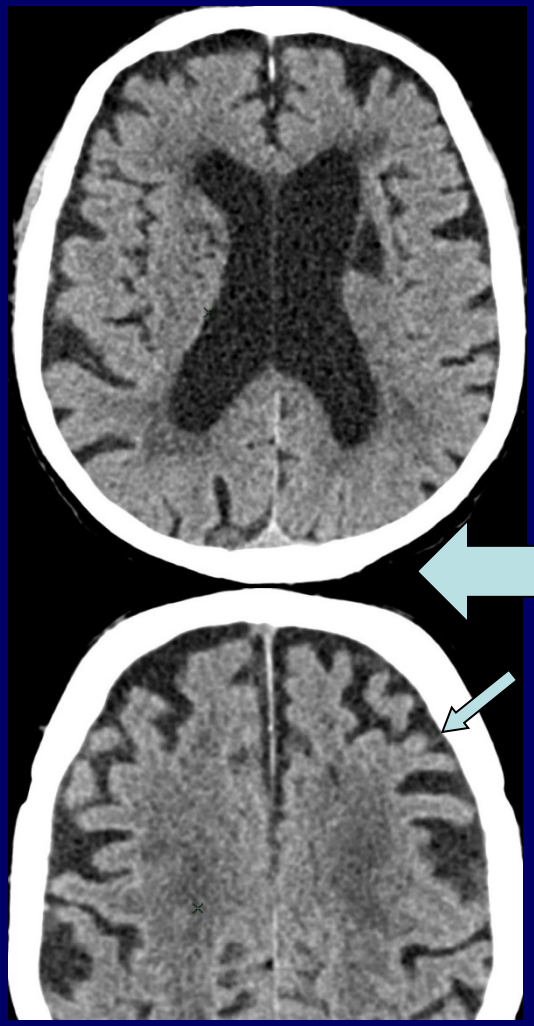
Bilatéralité
→
réduction de l'effet de masse

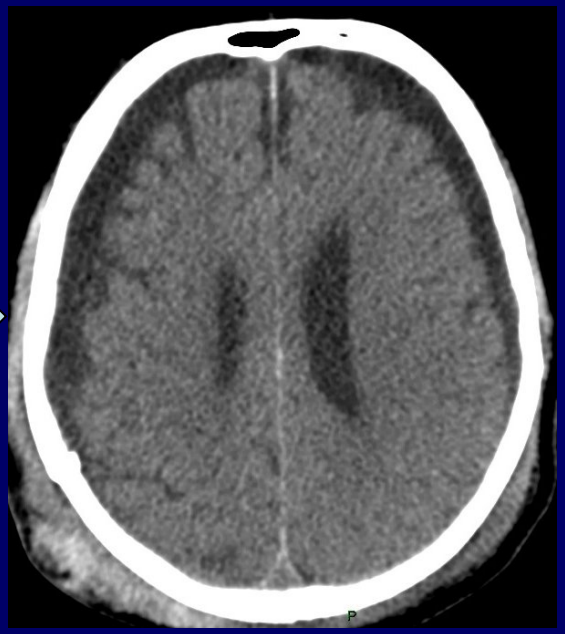
'durabilité'…

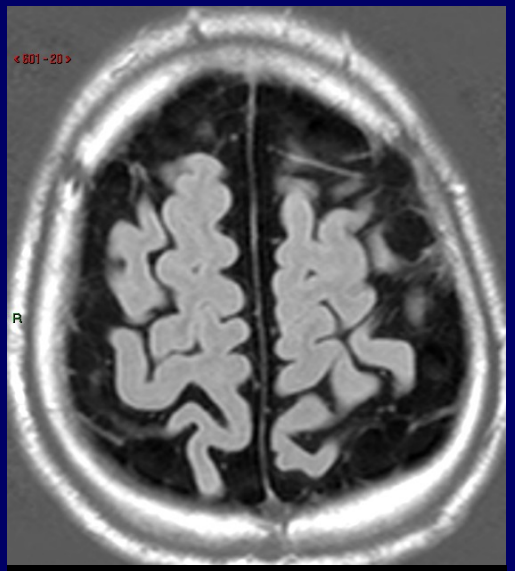
… évolution dans le temps



Piège: ‘décollement’ A VACUO

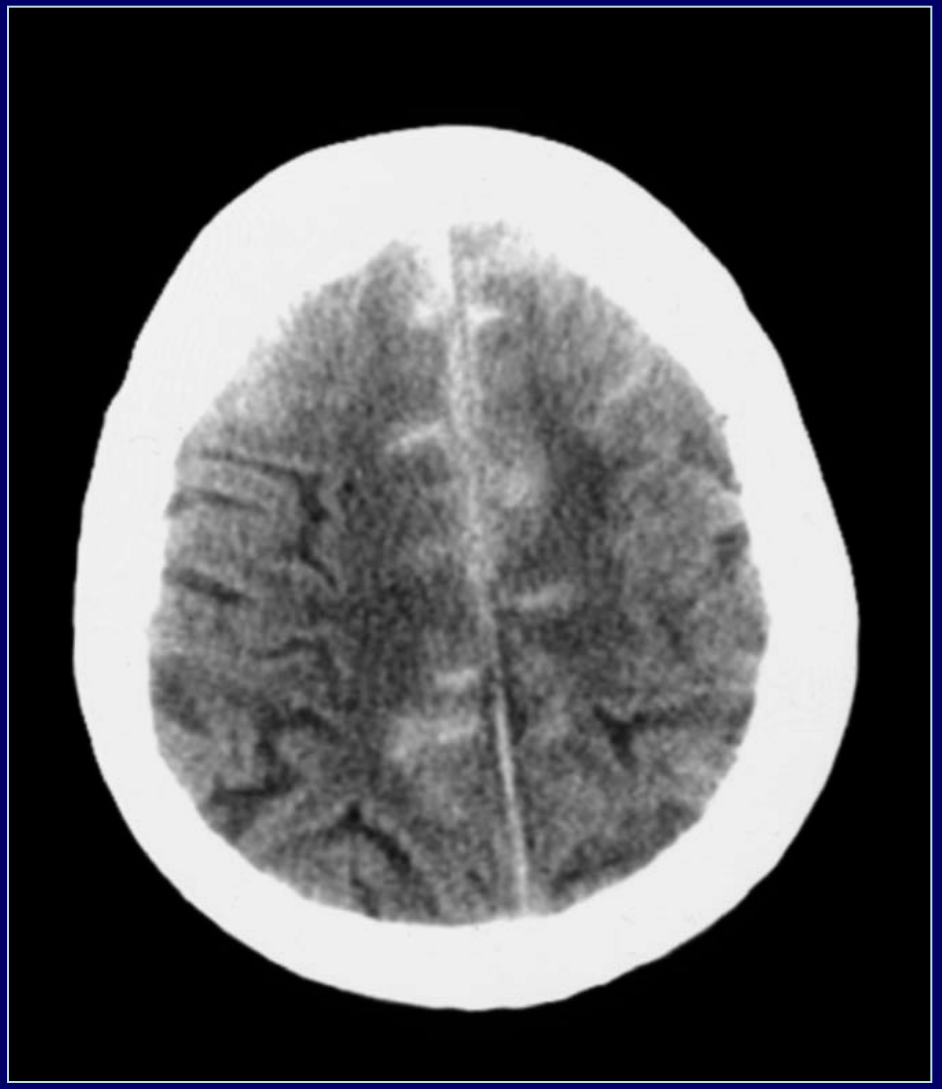


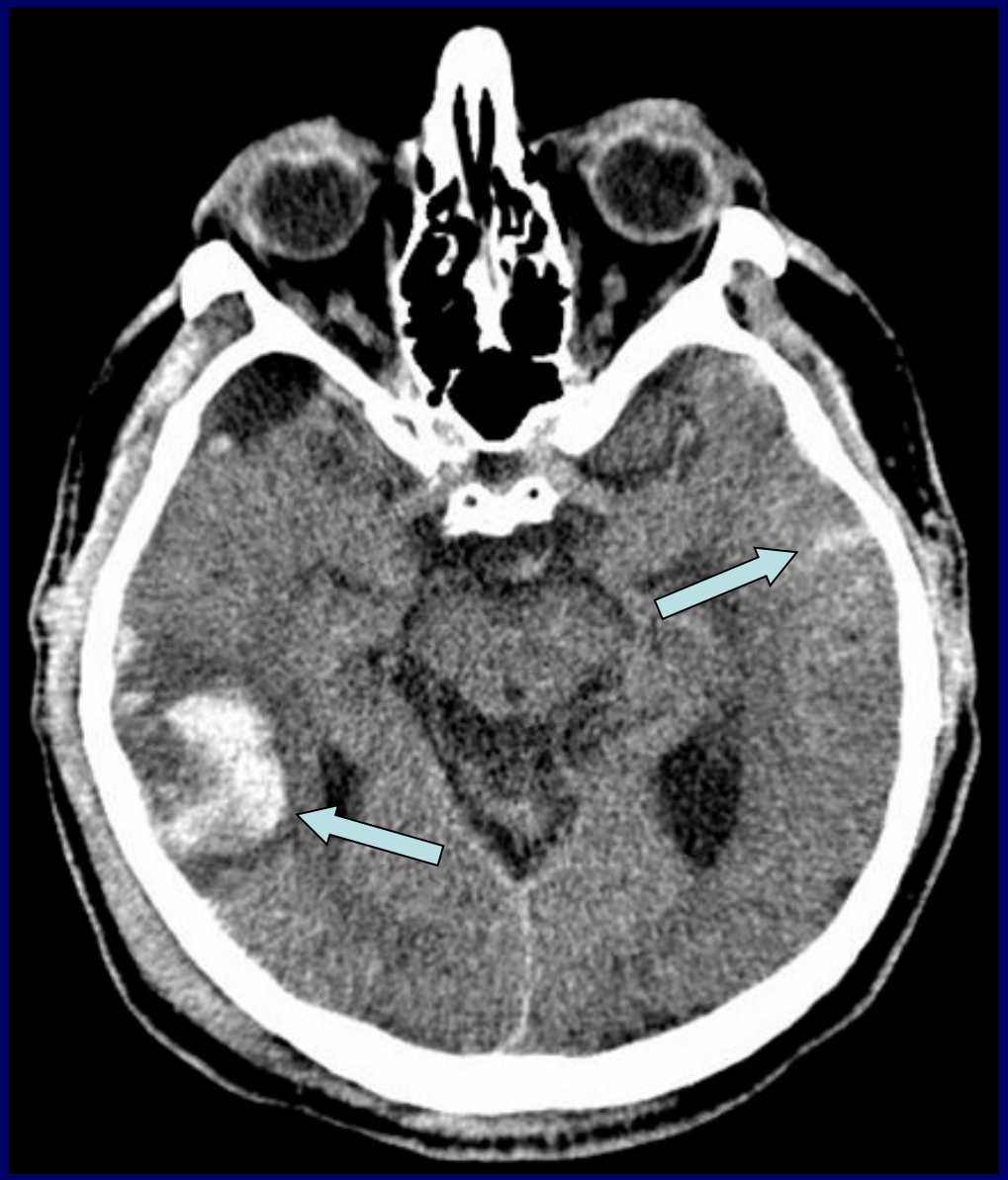




veines-pont

Hémorragie Sous-Arachnoïdienne (HSA)



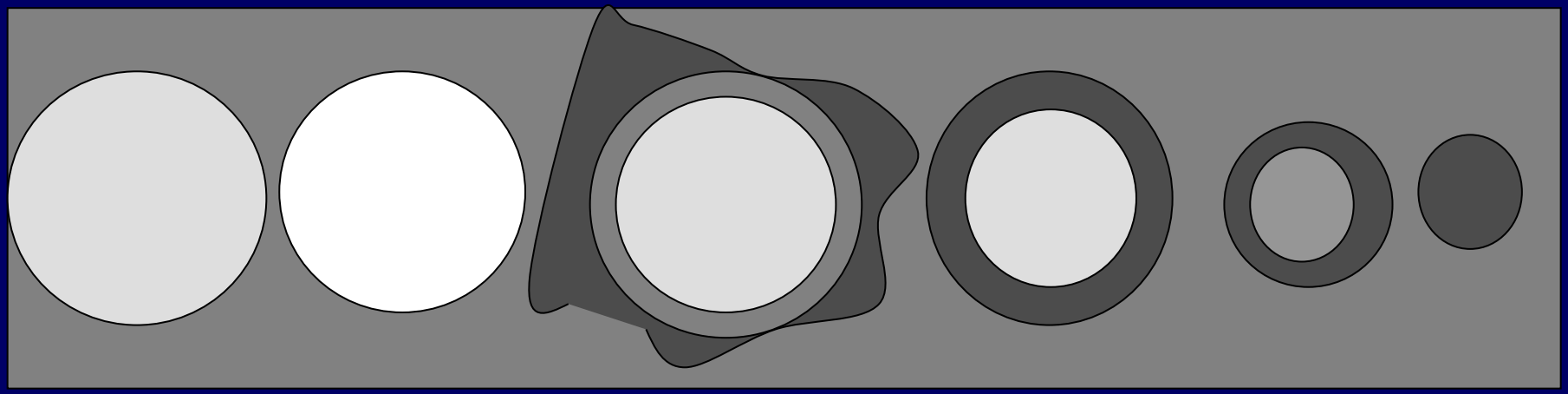


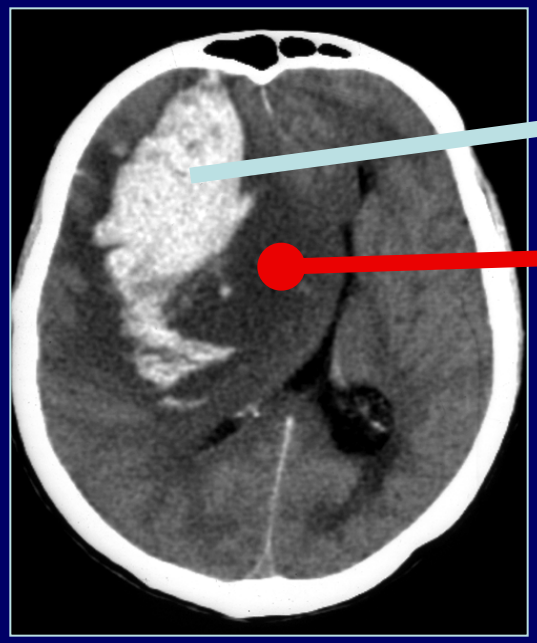
associations lésionnelles fréquentes

pas *l'élément clinique à l'avant-plan en traumatologie crânienne*

Lésions parenchymateuses

Constitution de **l'œdème péri-lésionnel** (localisation intra-parenchymateuse)





DRAINAGE

CORTICOTHERAPIE

effet de masse

=

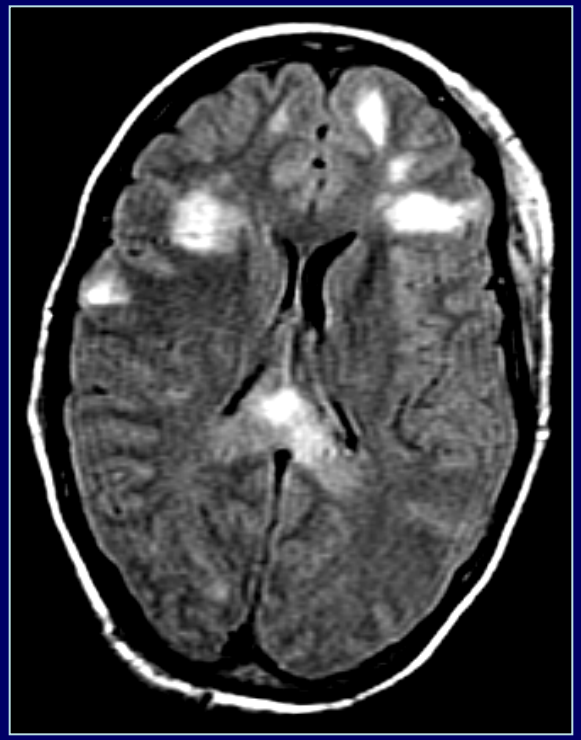
∑ [Vol *hématome*] + [Vol *oedème*]

Contusions directes

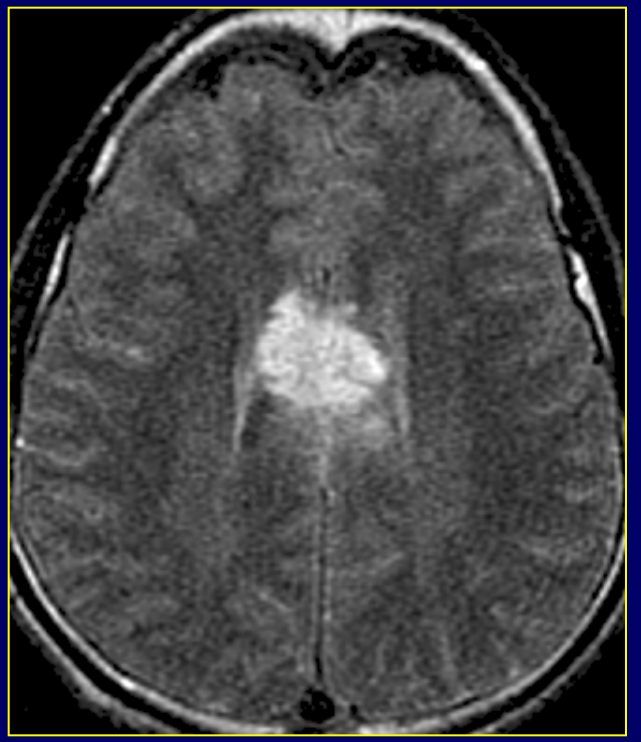
Phase aiguë…

… chronique

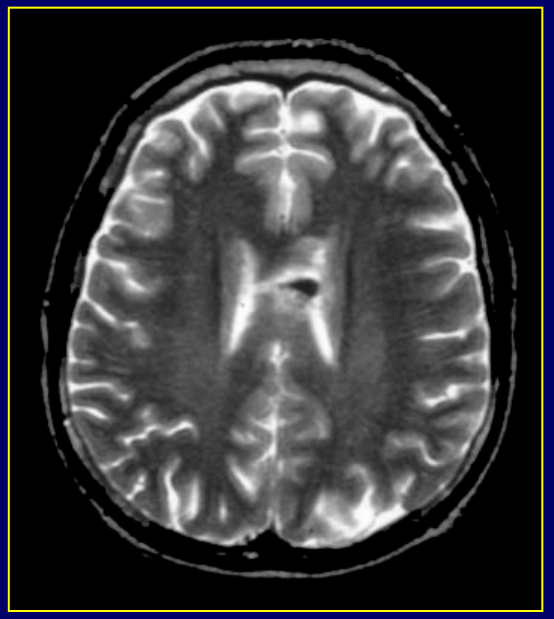
Lésions en cisaillement



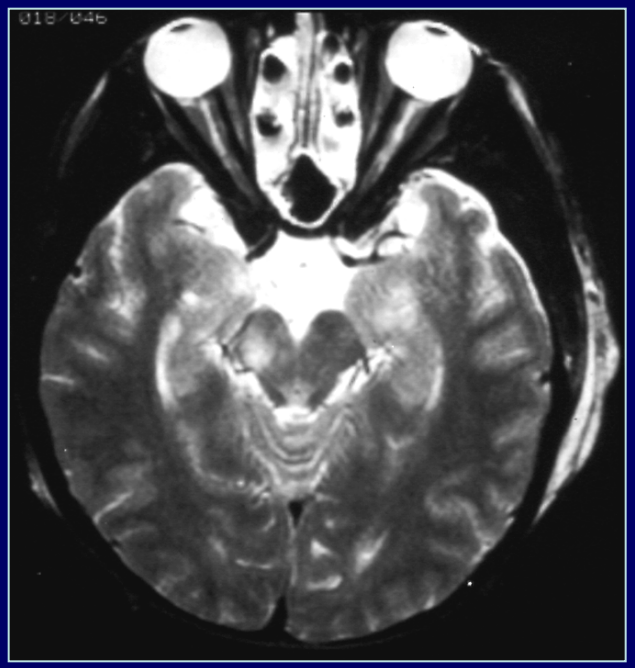
‘déchirures axonales’

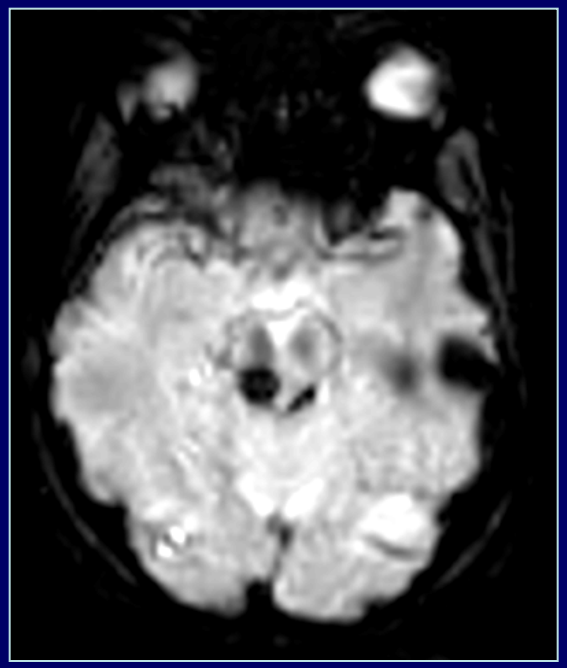


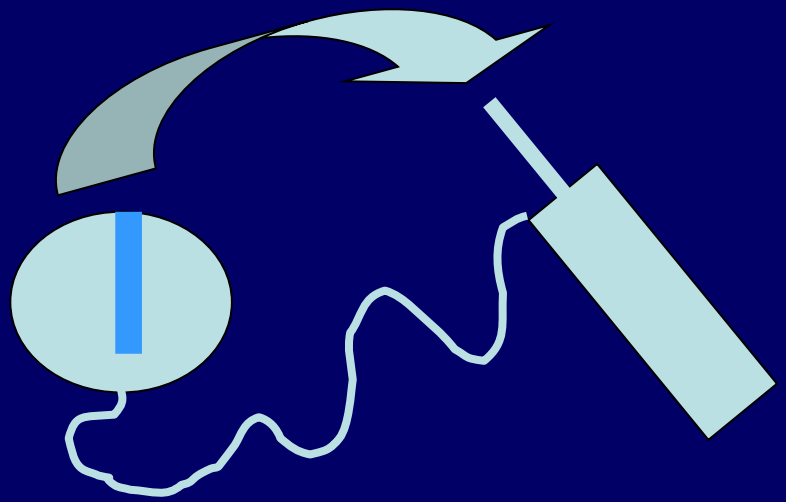
‘déchirure’
du corps calleux

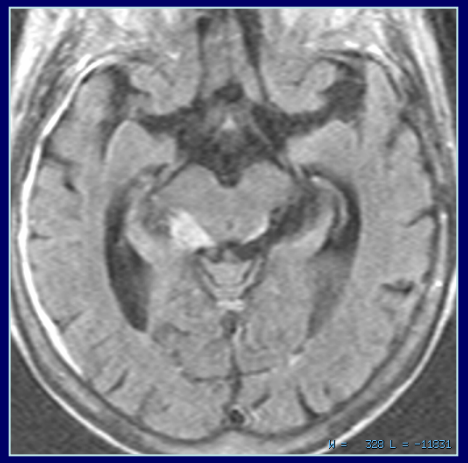


‘torsion’ du mésencéphale

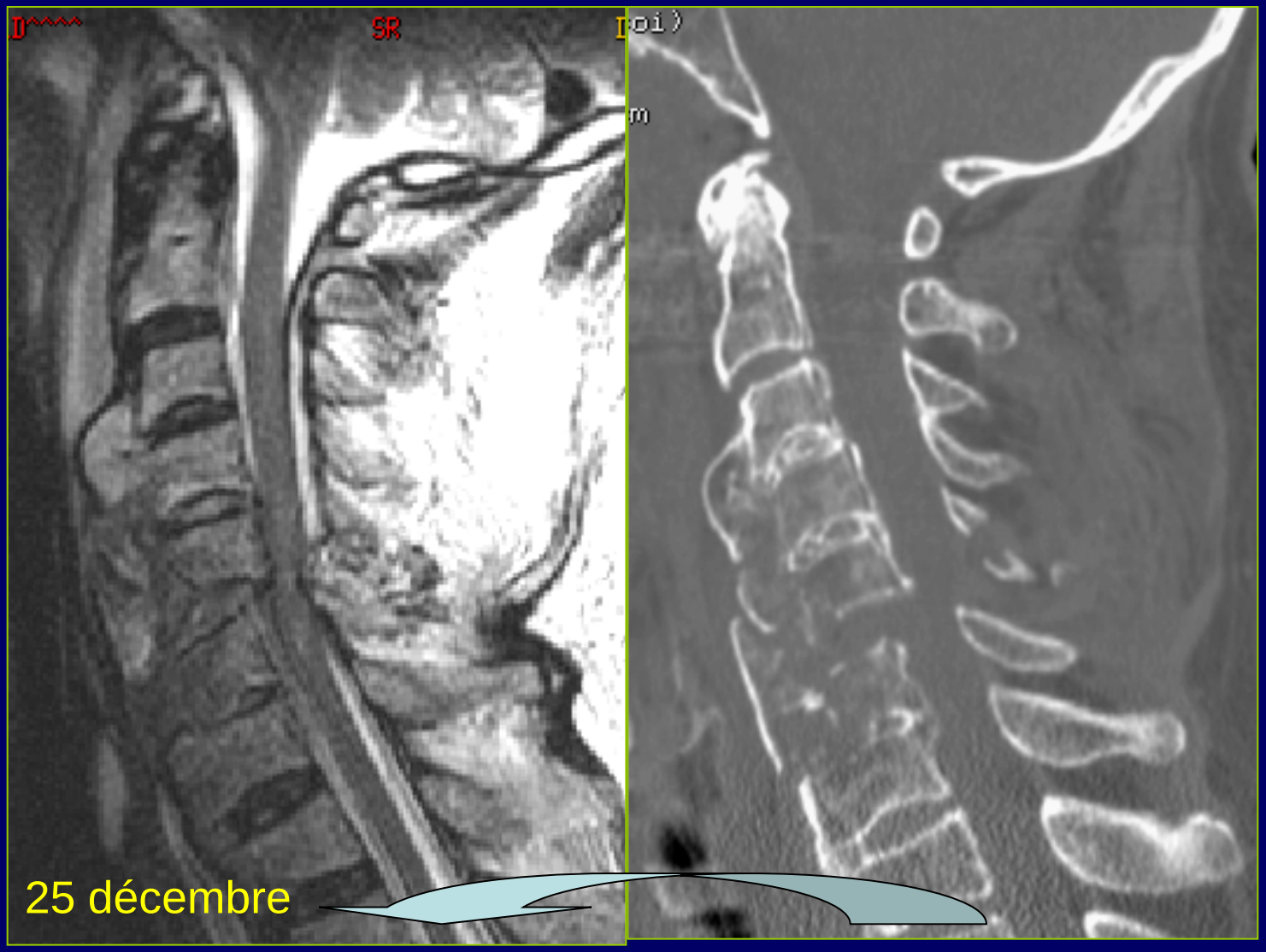


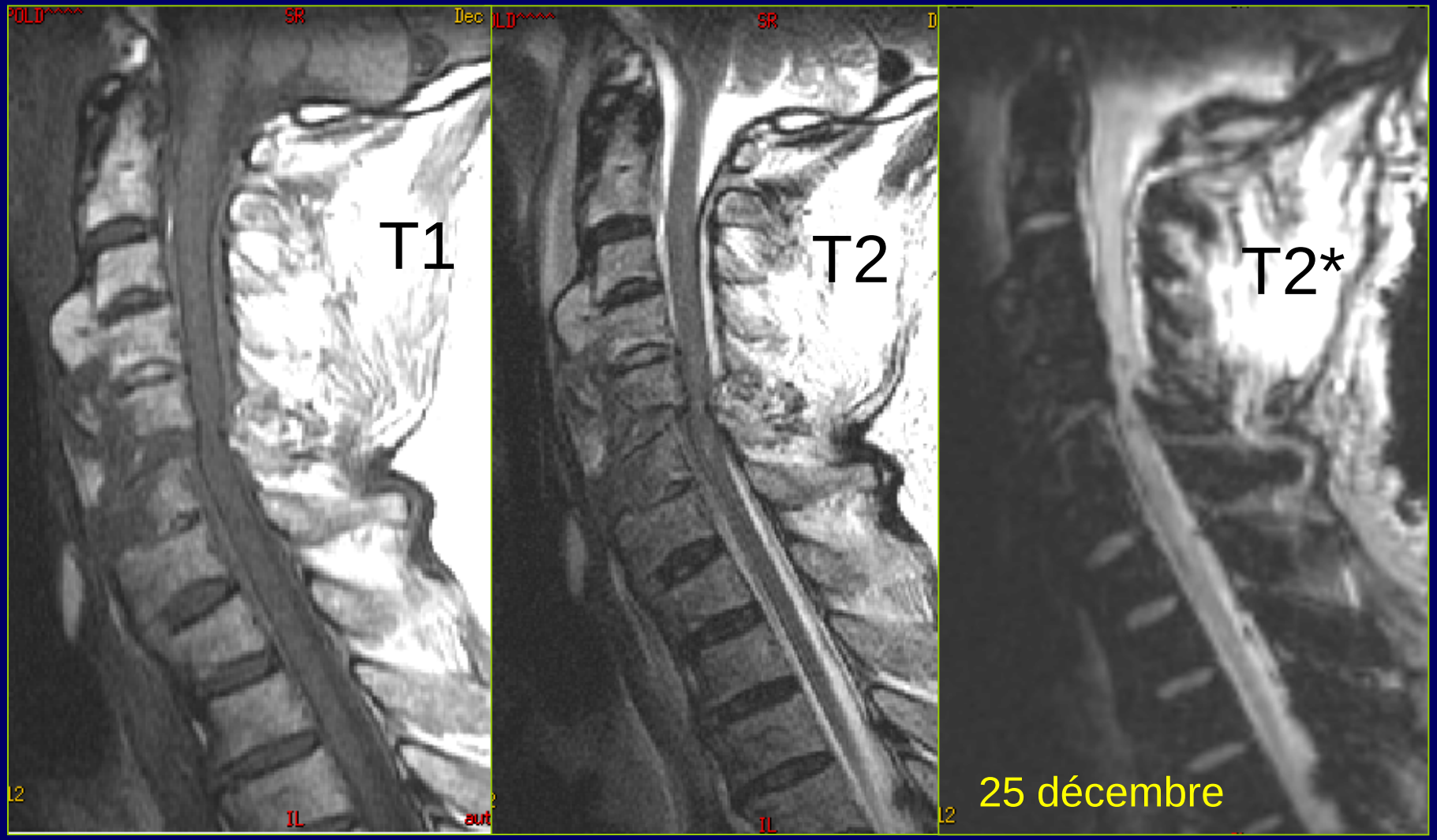






Trauma spinal



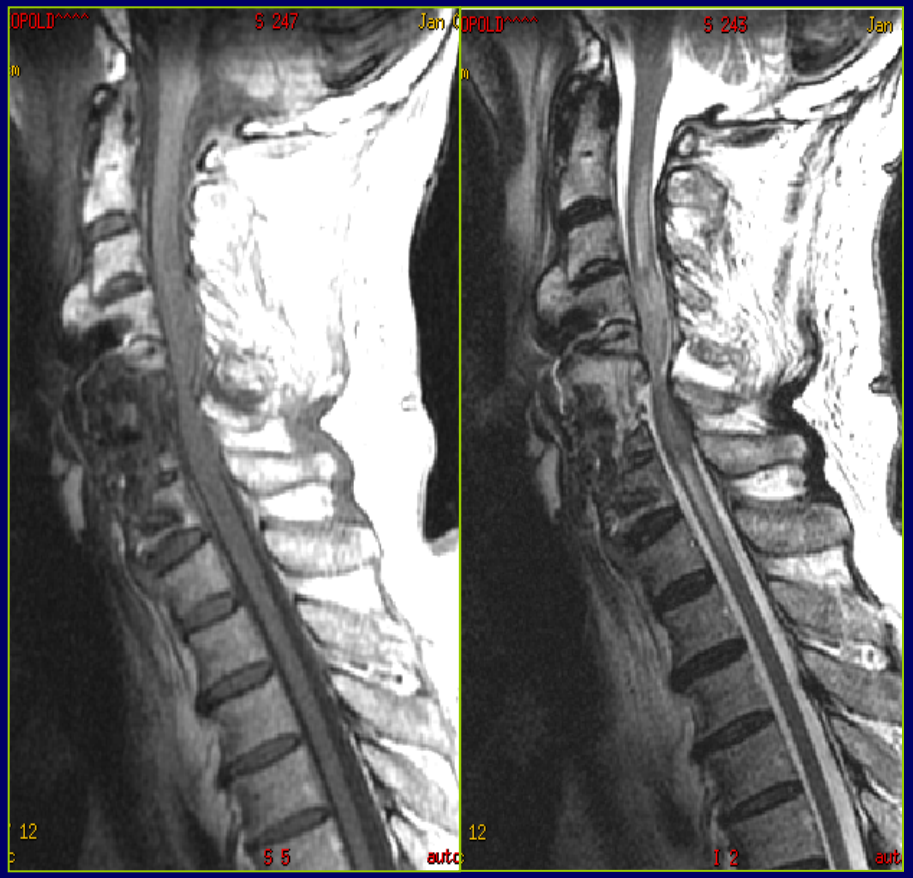
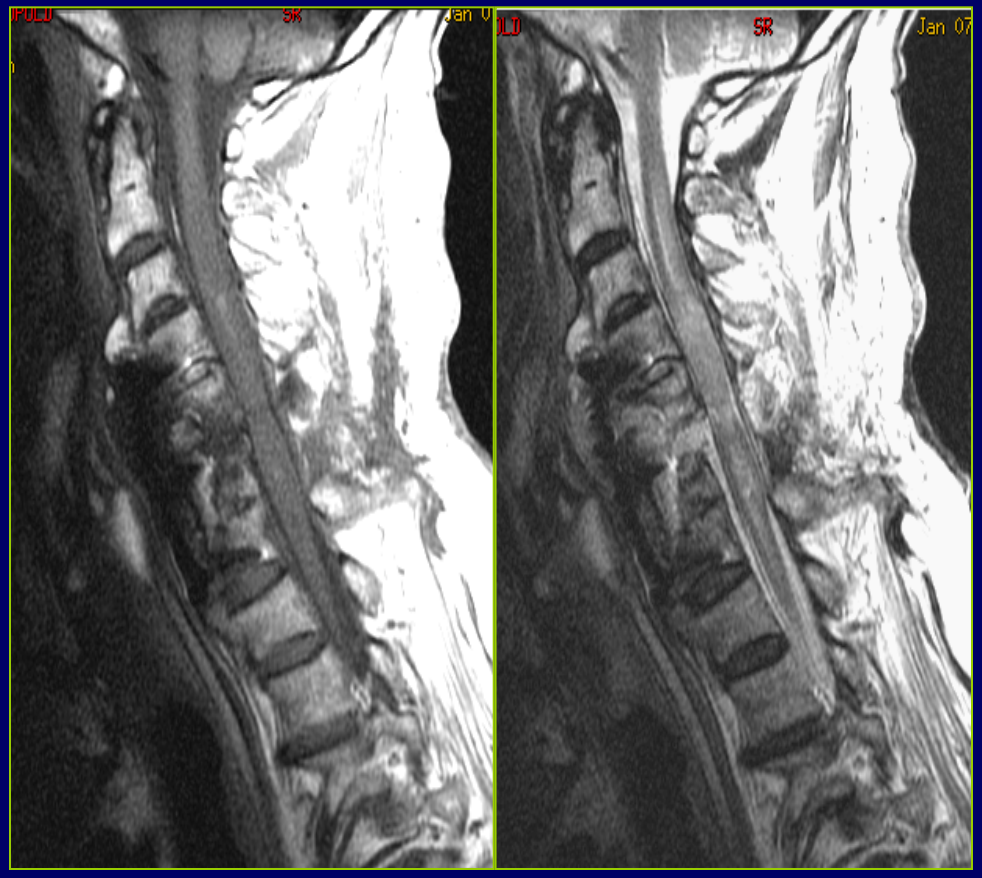

T1
T2
T2*
25 décembre

COMPRESSION ? → CHIRURGIE

MYELOPATHIE ? → OEDEME ? → CORTICOTHERAPIE

SANG ?

3 janvier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