

RDGN 2120 – NEURORADIOLOGIE

Année académique 2019-2020

**Pathologie vasculaire
cérébrale aiguë (II)**

MANAGEMENT du STROKE

10 octobre 2019

NCCT



~~Thrombolyse
Thrombectomie~~



Thrombolyse
ssi <4h30



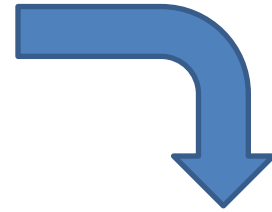
Thombectomie
ssi...



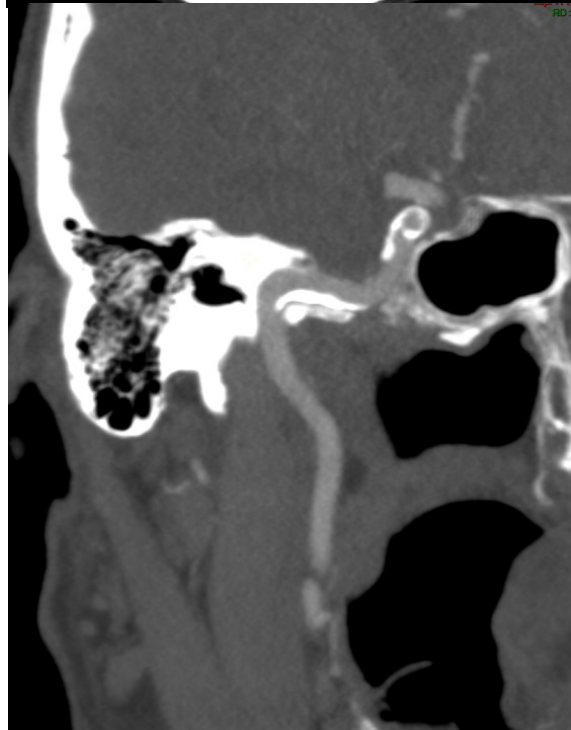
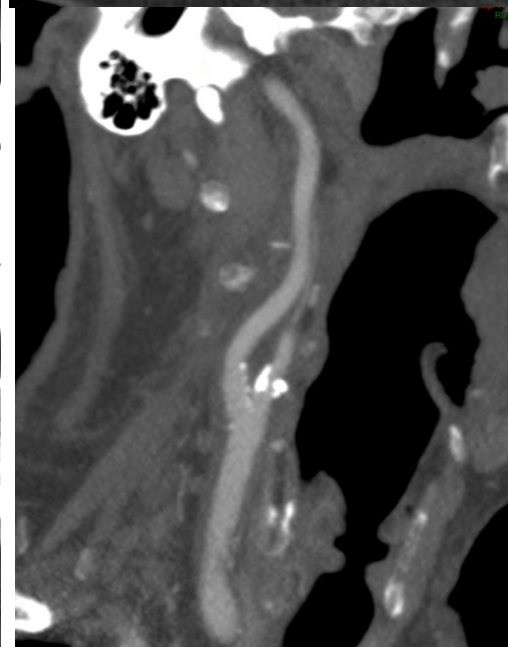
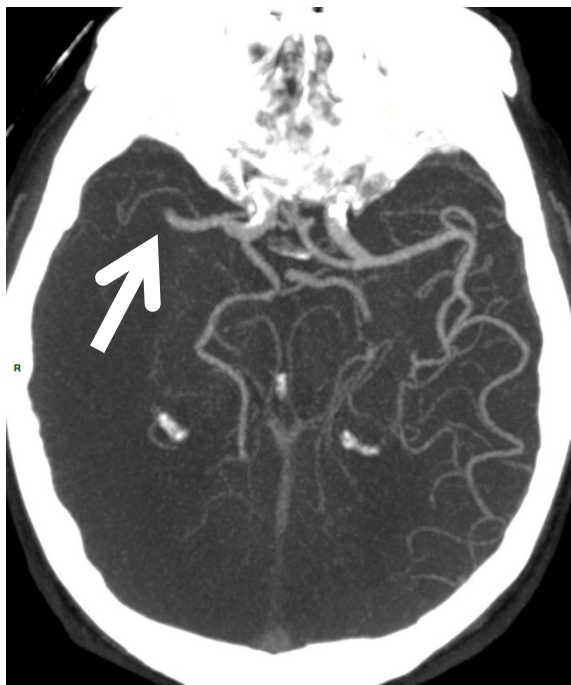
CTA



**Caillot proximal
Caillot court**

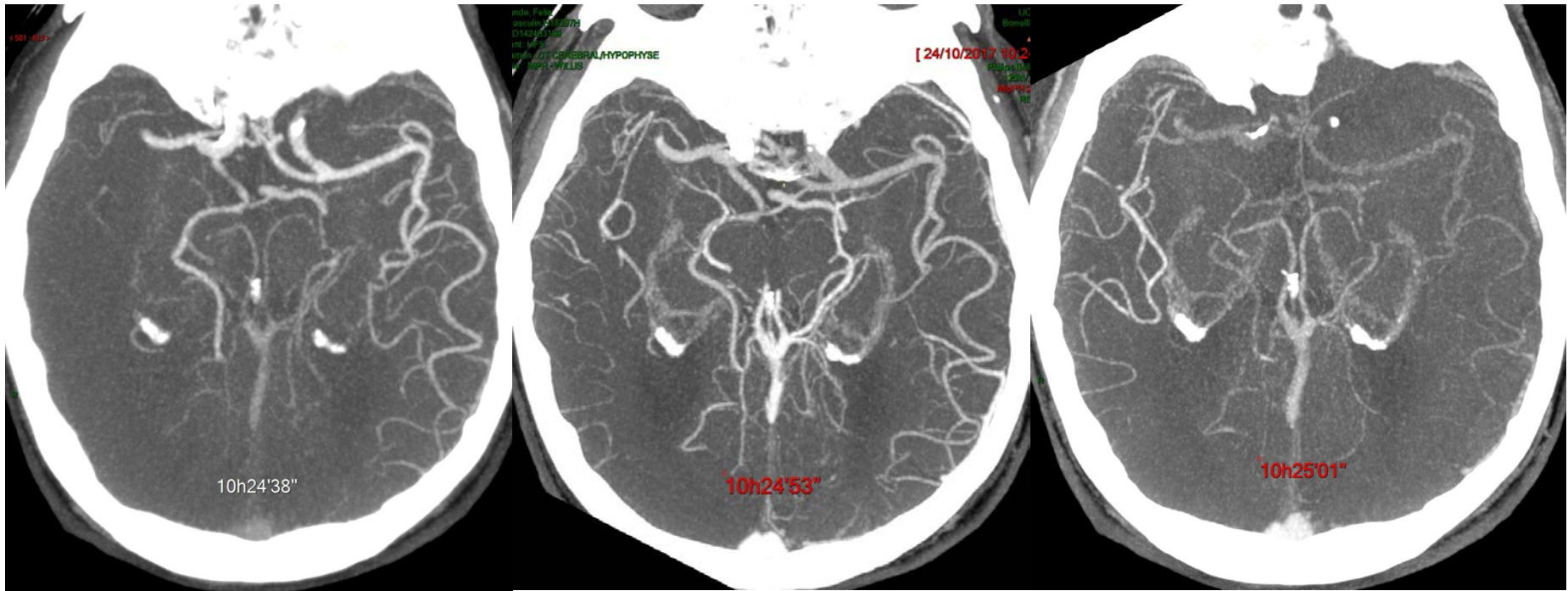


CTA



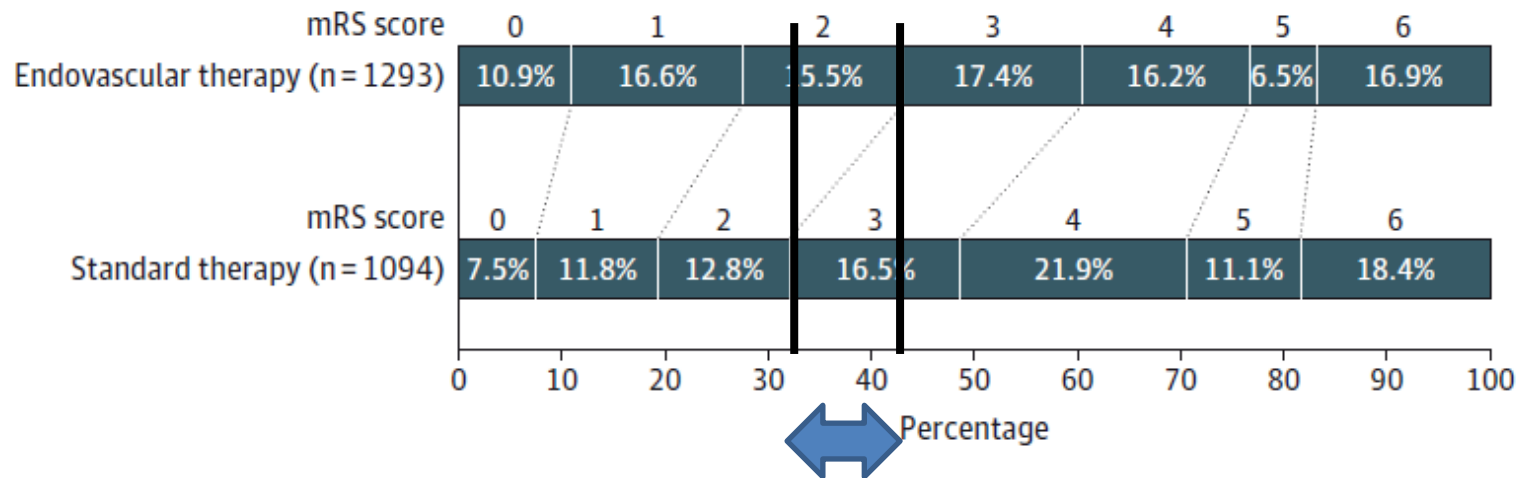
Montrer la perméabilité de la voie endo-vasculaire

CTA ... triphasique

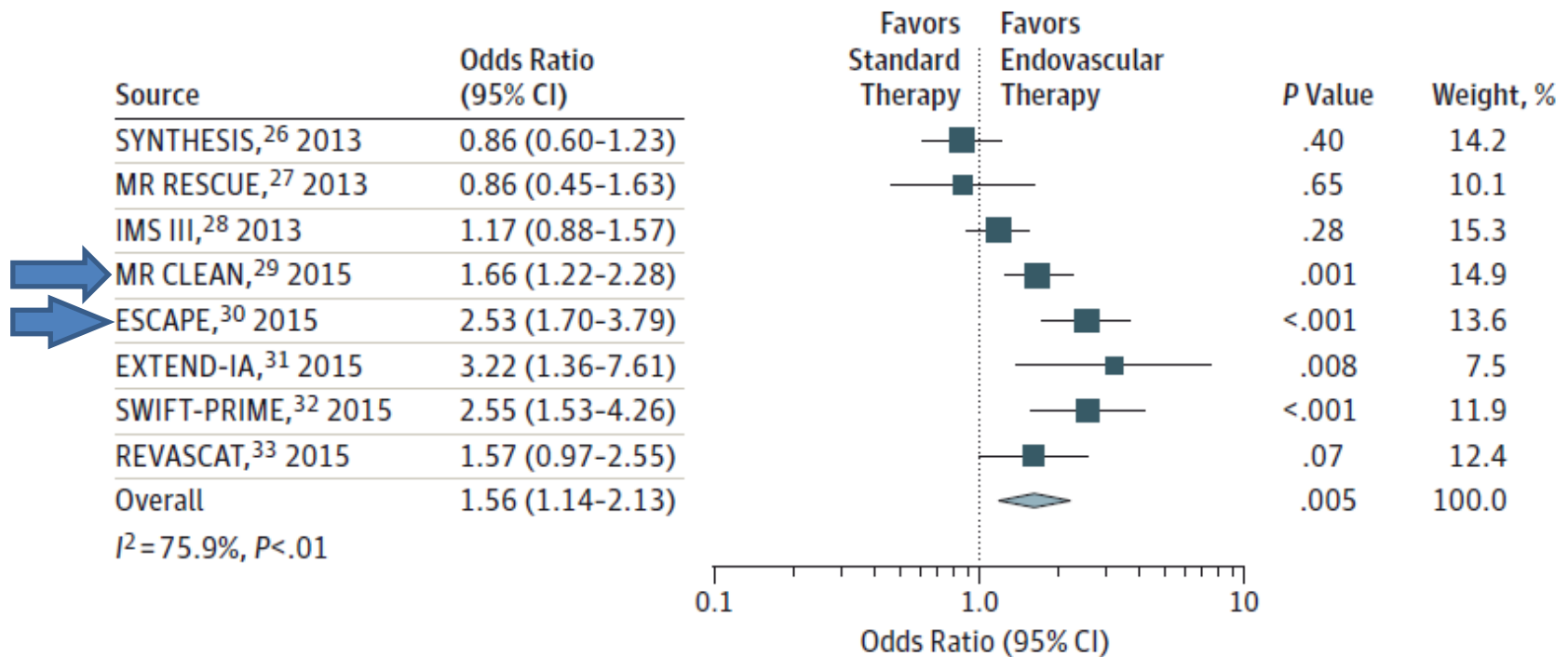


Monter la collatéralité → renforce l'indication de thrombectomie surtout **'hors'** délai

A Degree of disability at 90 d (modified Rankin Scale [mRS])



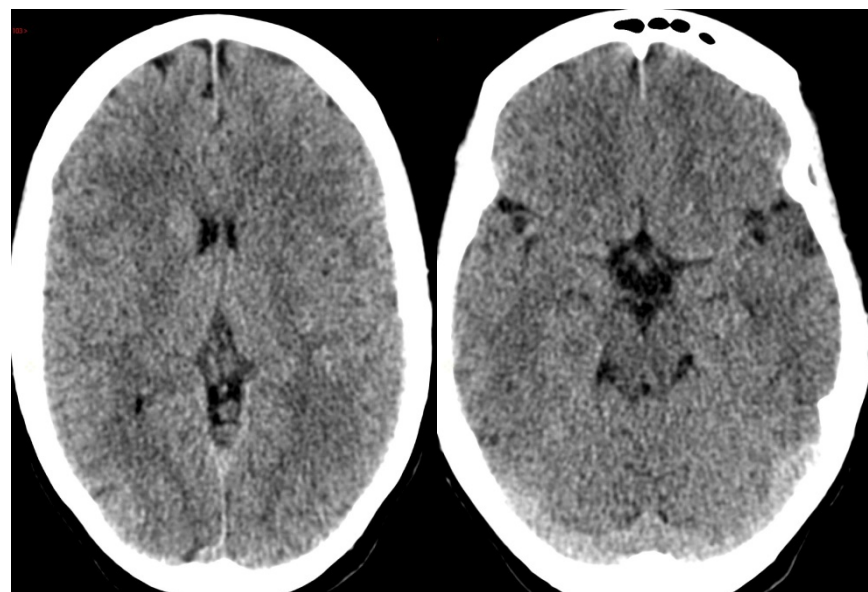
B Reduced disability at 90 d



modified Rankin Scale (mRS)

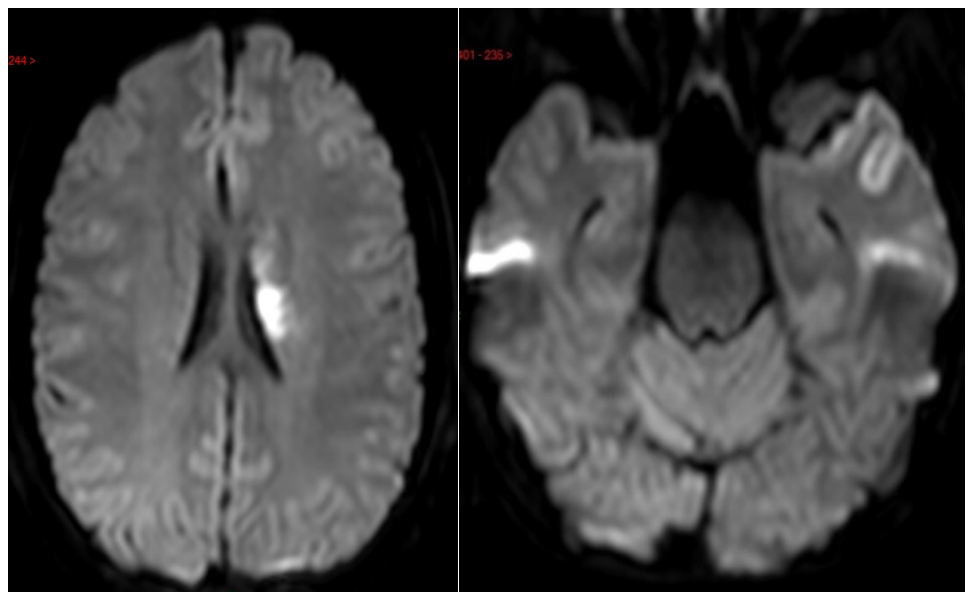
- 0: asymptomatique
- 1: symptômes mineurs sans impact sur la QoL
- 2: léger handicap -> qqes tâches avec assistance

- 3: handicap modéré -> marche sans assistance
- 4: handicap sévère -> incapable de marcher
- 5: handicap très sévère: grabataire
- 6: mort



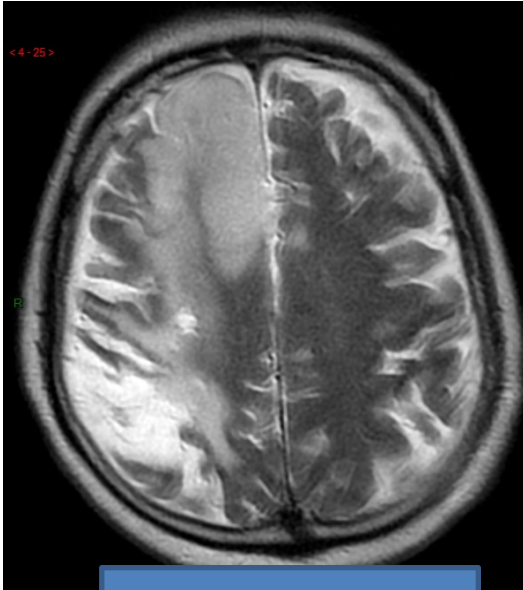
Contrôle CT à 24 heures

CT vs IRM ?

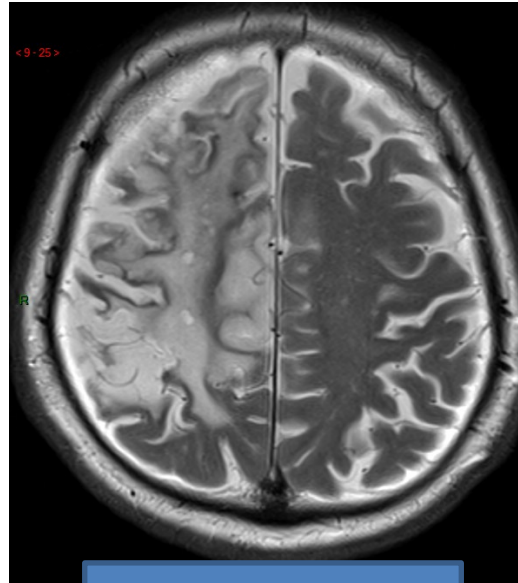


Contrôle IRM à 48 heures

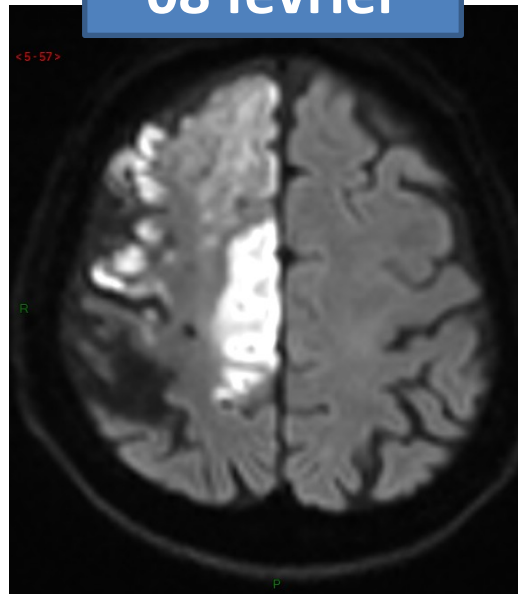
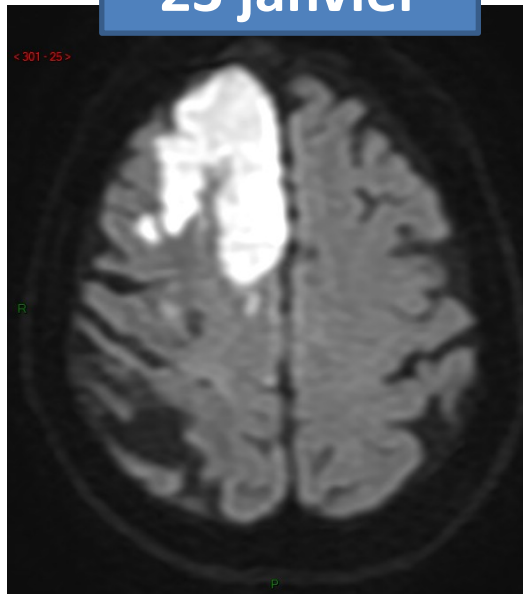
Peut-on concevoir le management de l'AVC hyperaigu sans IRM ?



23 janvier

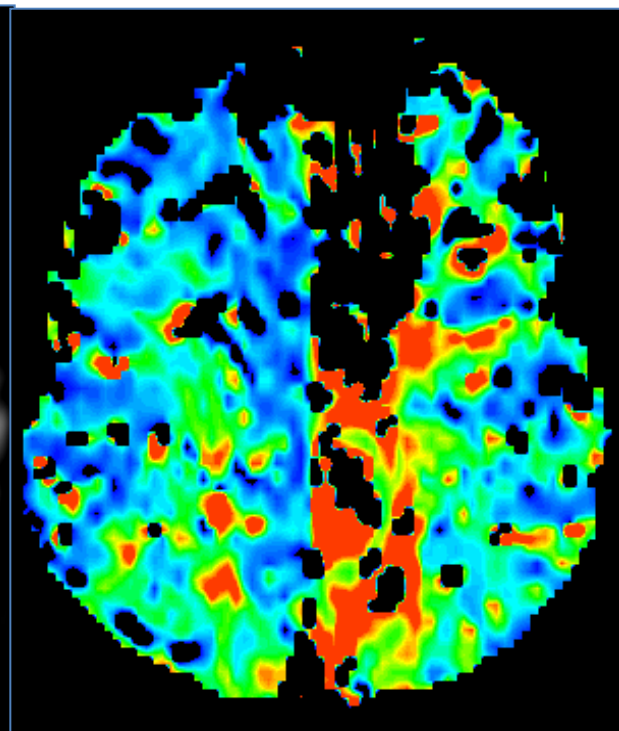
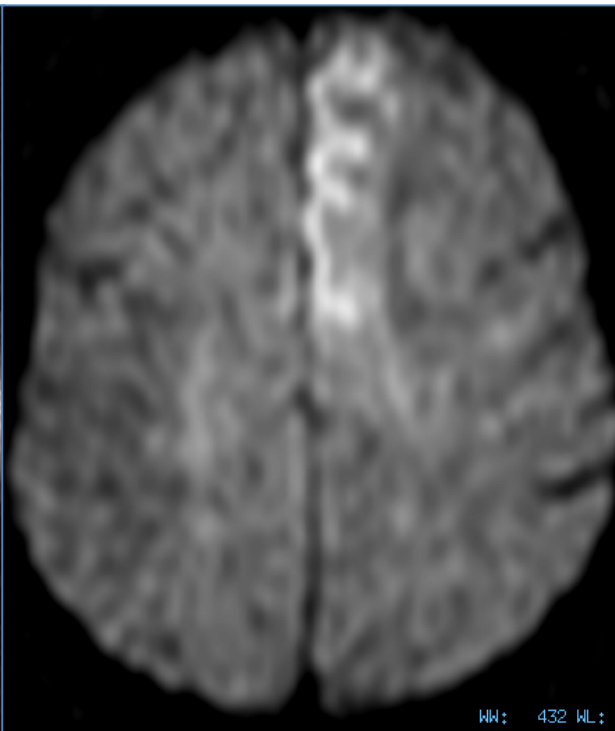
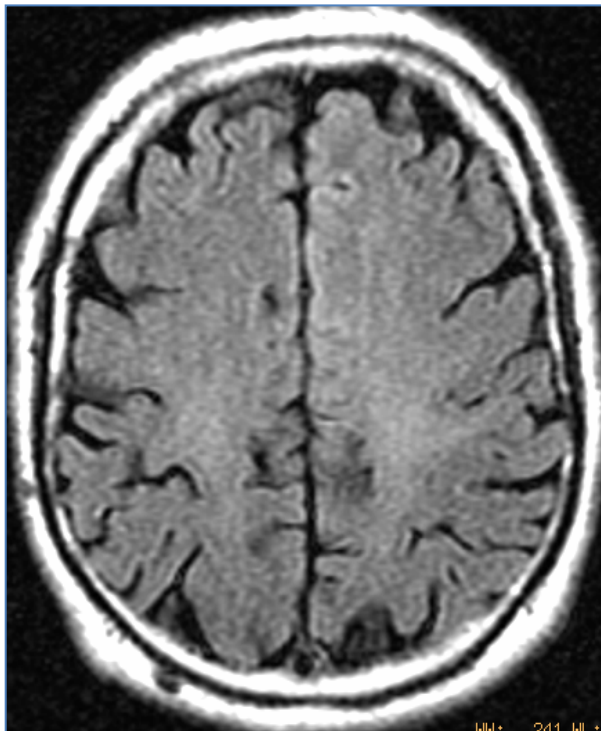


08 février



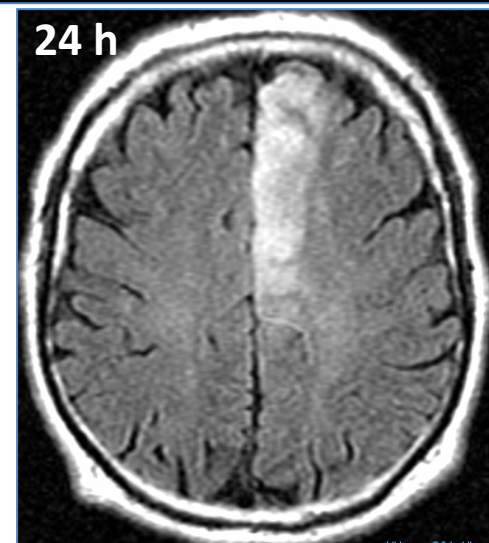
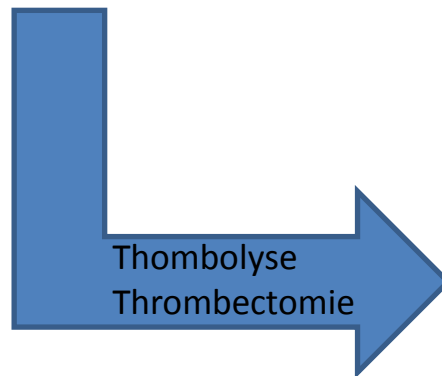
NON! ?

Peut-on concevoir le management de l'AVC hyperaigu sans IRM ?

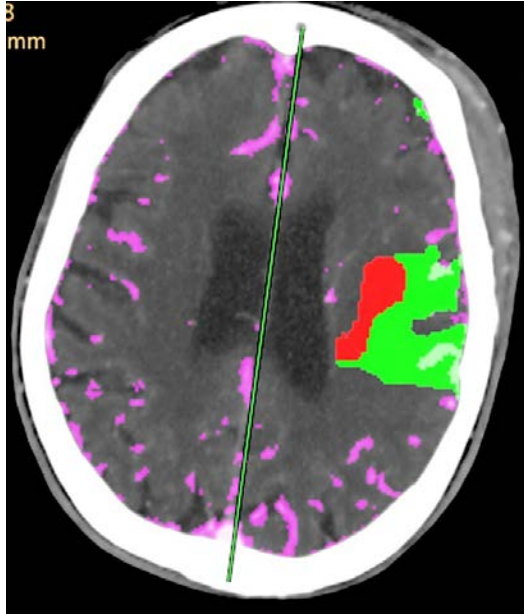
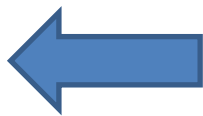
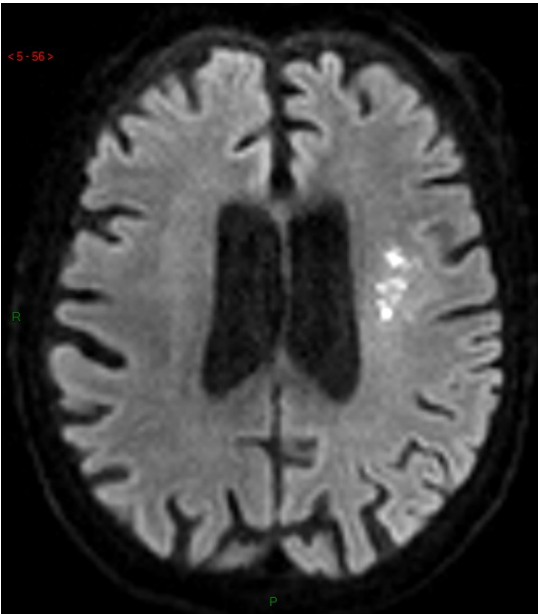
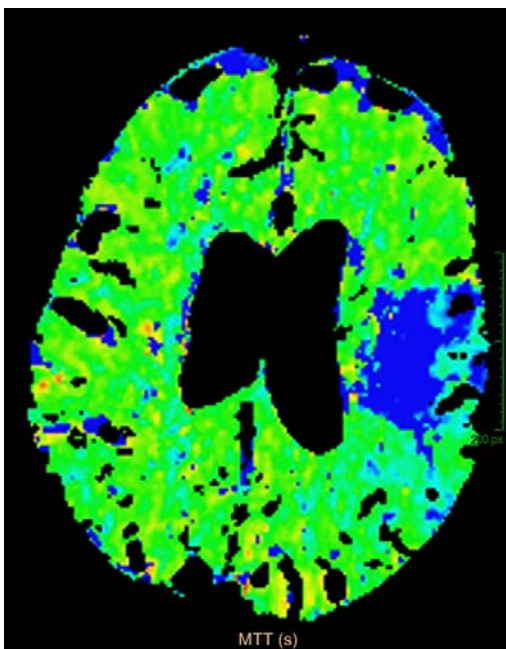
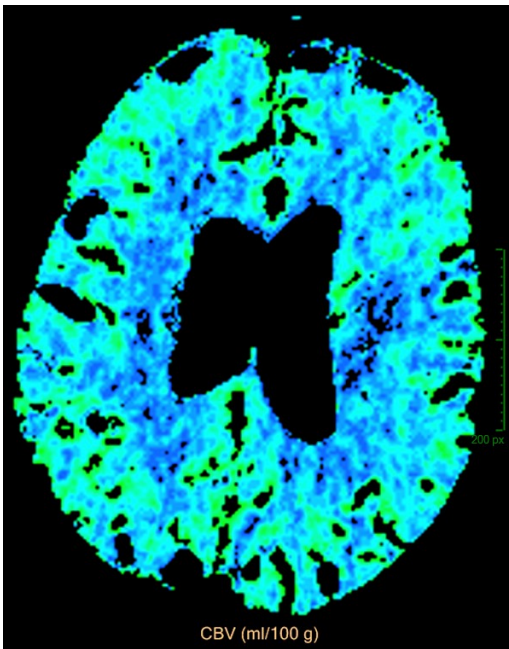


Mismatch DWI/PWI = pénombre

NON!



Peut-on concevoir le management de l'AVC hyperaigu sans IRM ?



YES
YOU
CAN!



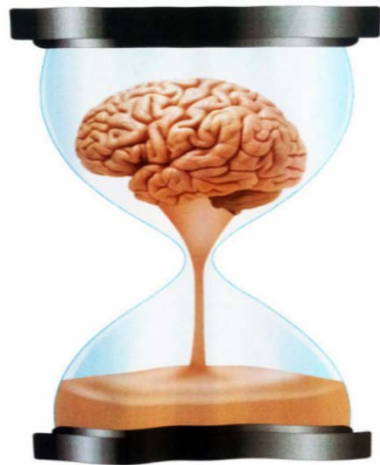
Guidelines UCL Stroke

- CT en première intention
- Bon usage du trépied NCCT – CTA – **CTP**
- Pas de thrombolyse > 4h30*
- Thombectomie > thrombolyse
 - **Critères de TRIAGE** nécessaire pour préciser bonnes indications de thrombectomie
 - **Dans l'immédiat usage immodéré du CTA triphasique**

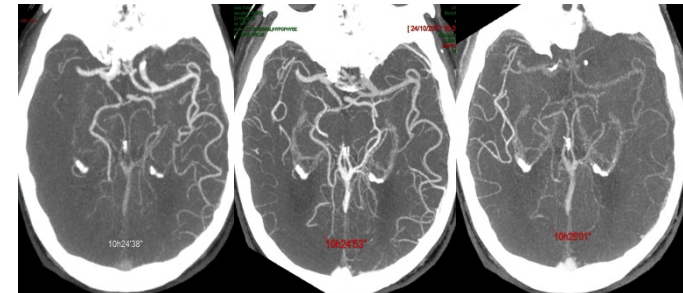
* NINDS 1995 3h00
ECASS II 2007 4h30

Que va-t-il encore se passer en AVC aigu ?

- better TRIAGE for thrombectomy
- **mobile CTP** →
- **full automated processing**



Stroke: Time is brain



Ultimate challenge

