



 UCLouvain

**Secteur des Sciences de la santé**  
**Faculté de Médecine**  
**Cours WMDS ANAT 1311 (BAC3)**  
**Année académique 2021-2022**

13 octobre 2021

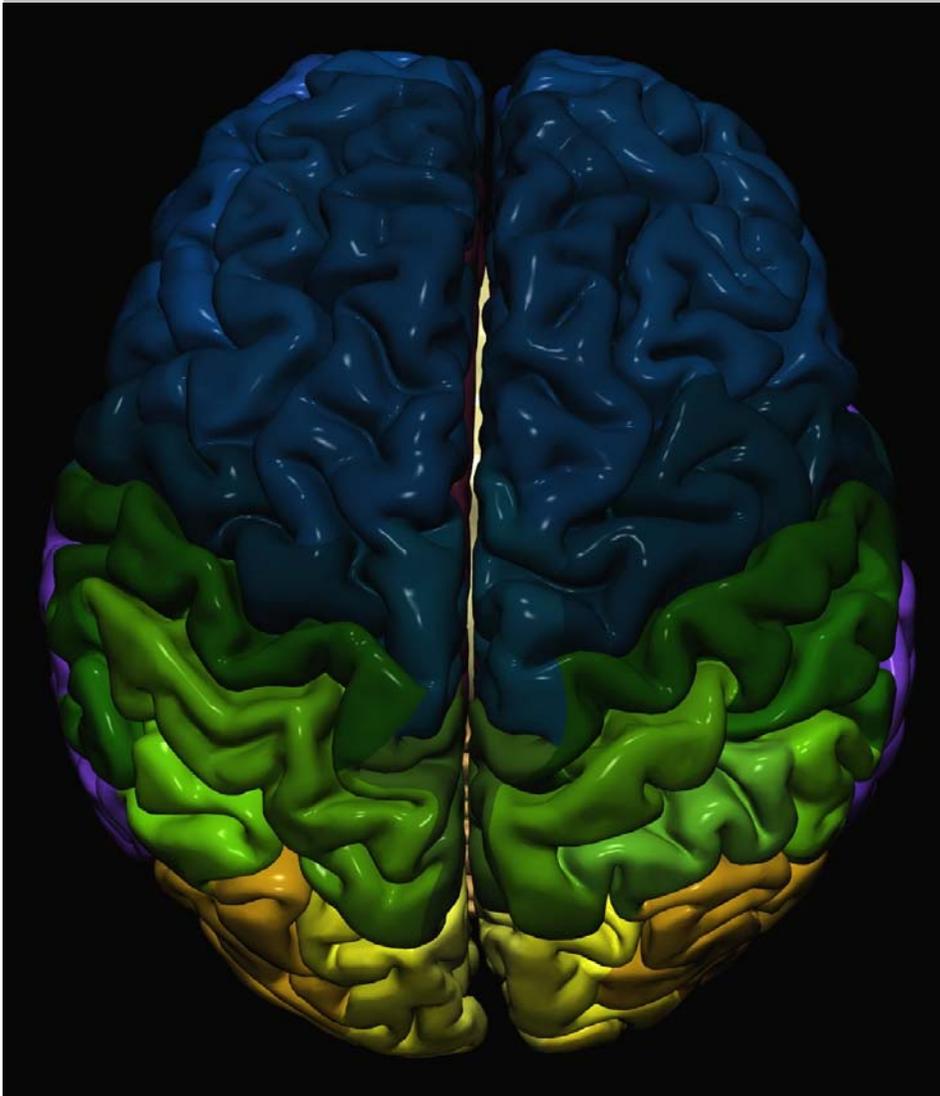
# Neuroanatomie radiologique

Pr. Thierry DUPREZ

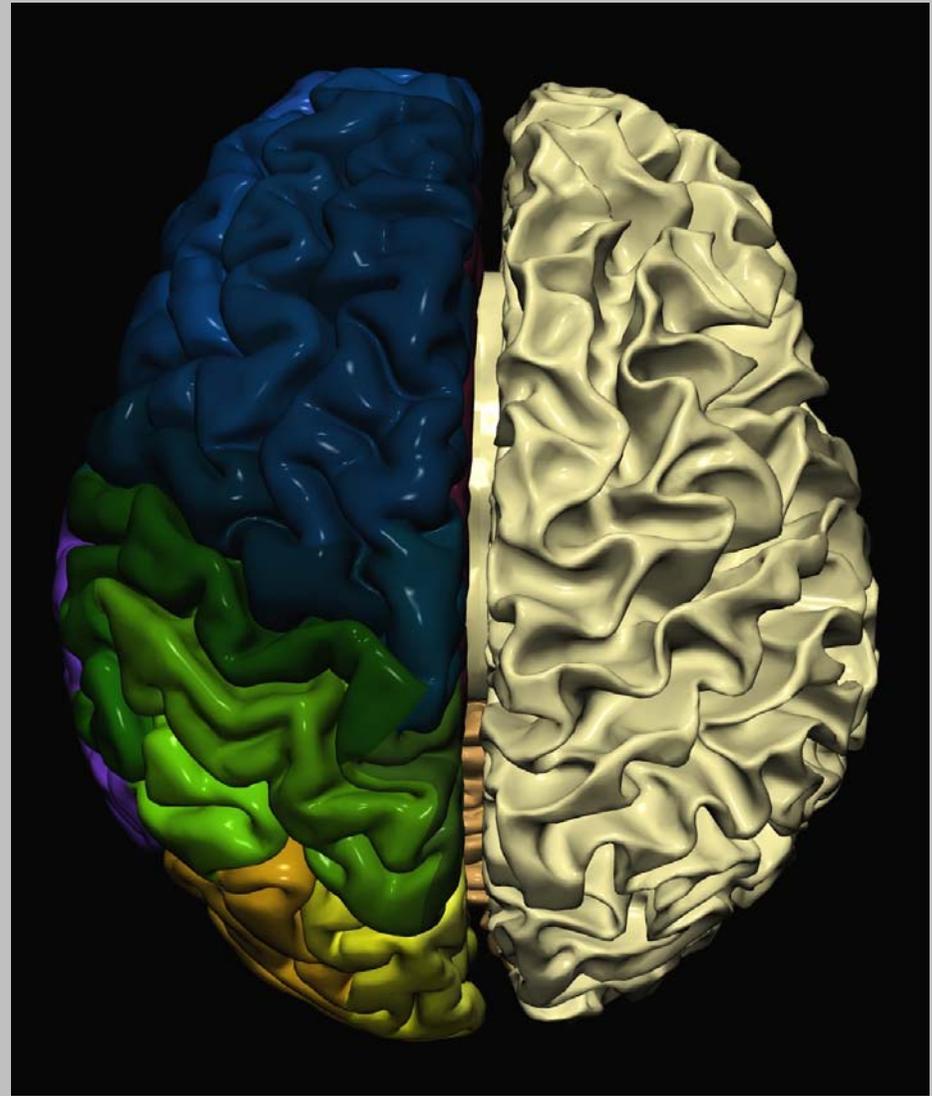


## Module 4: anatomie de la sous-corticalité

# **Anatomie de la sous-corticalité**

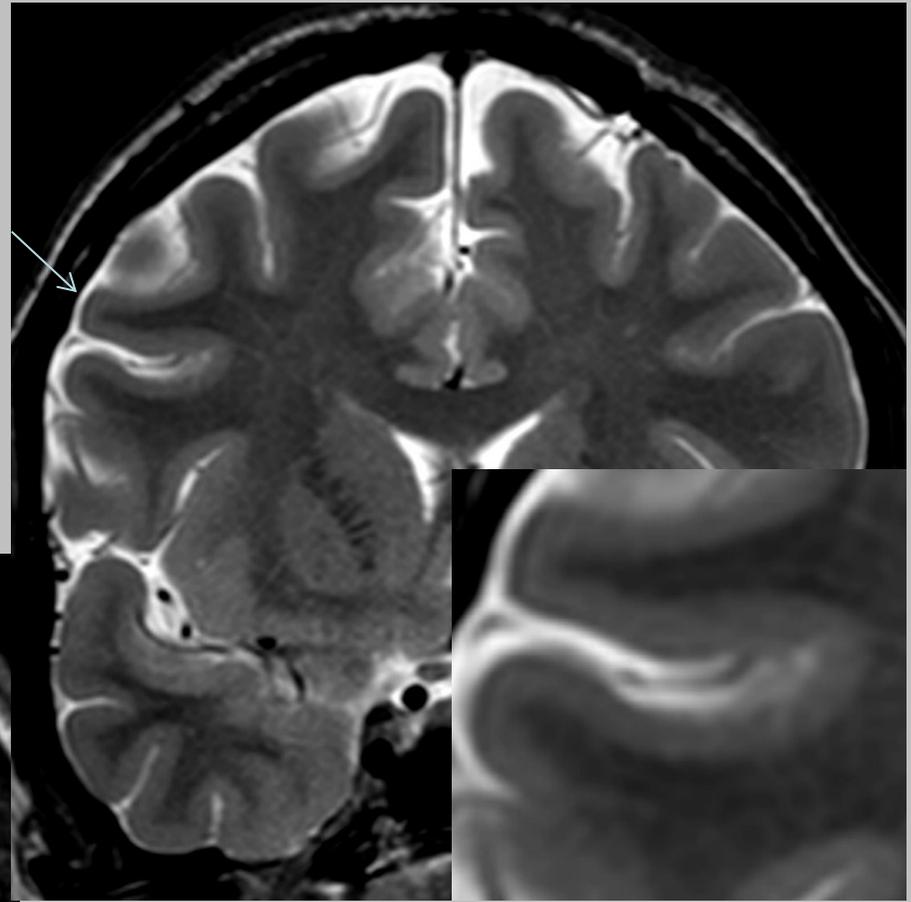
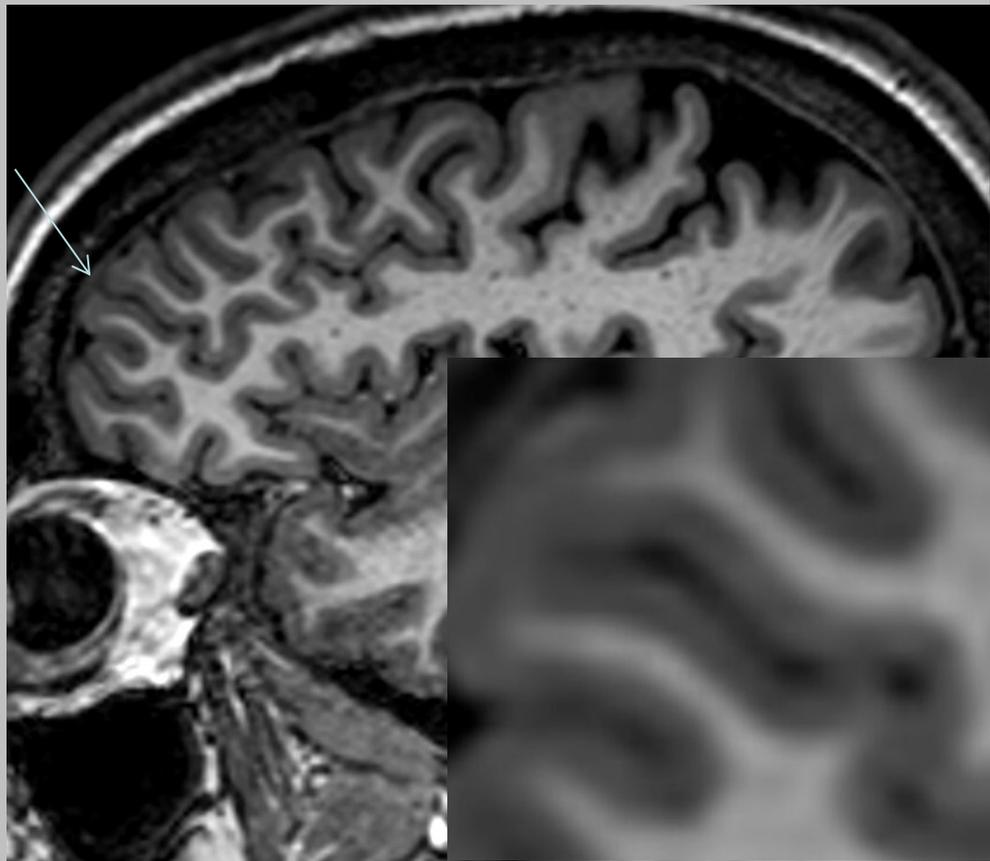


**Surface corticale**

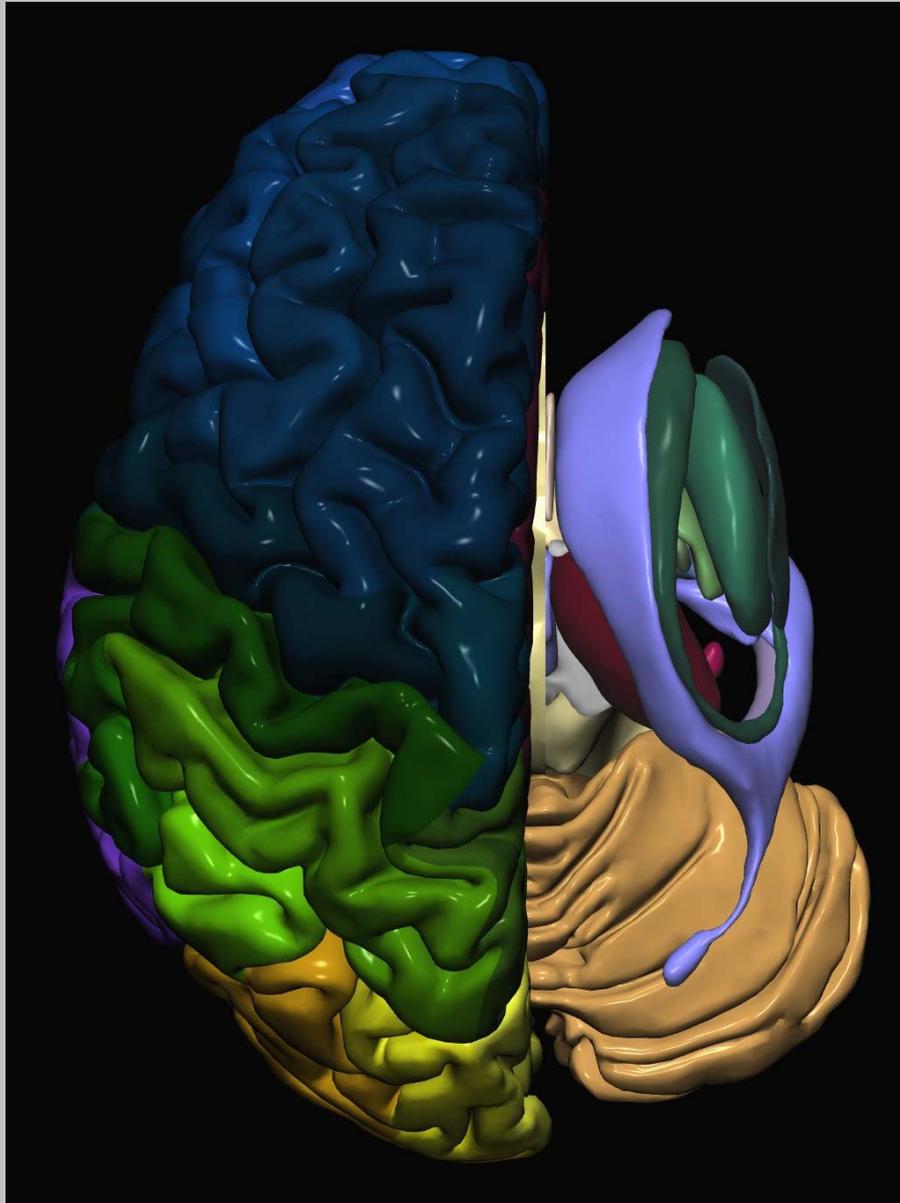


**Décortication:**  
substance blanche sous-corticale

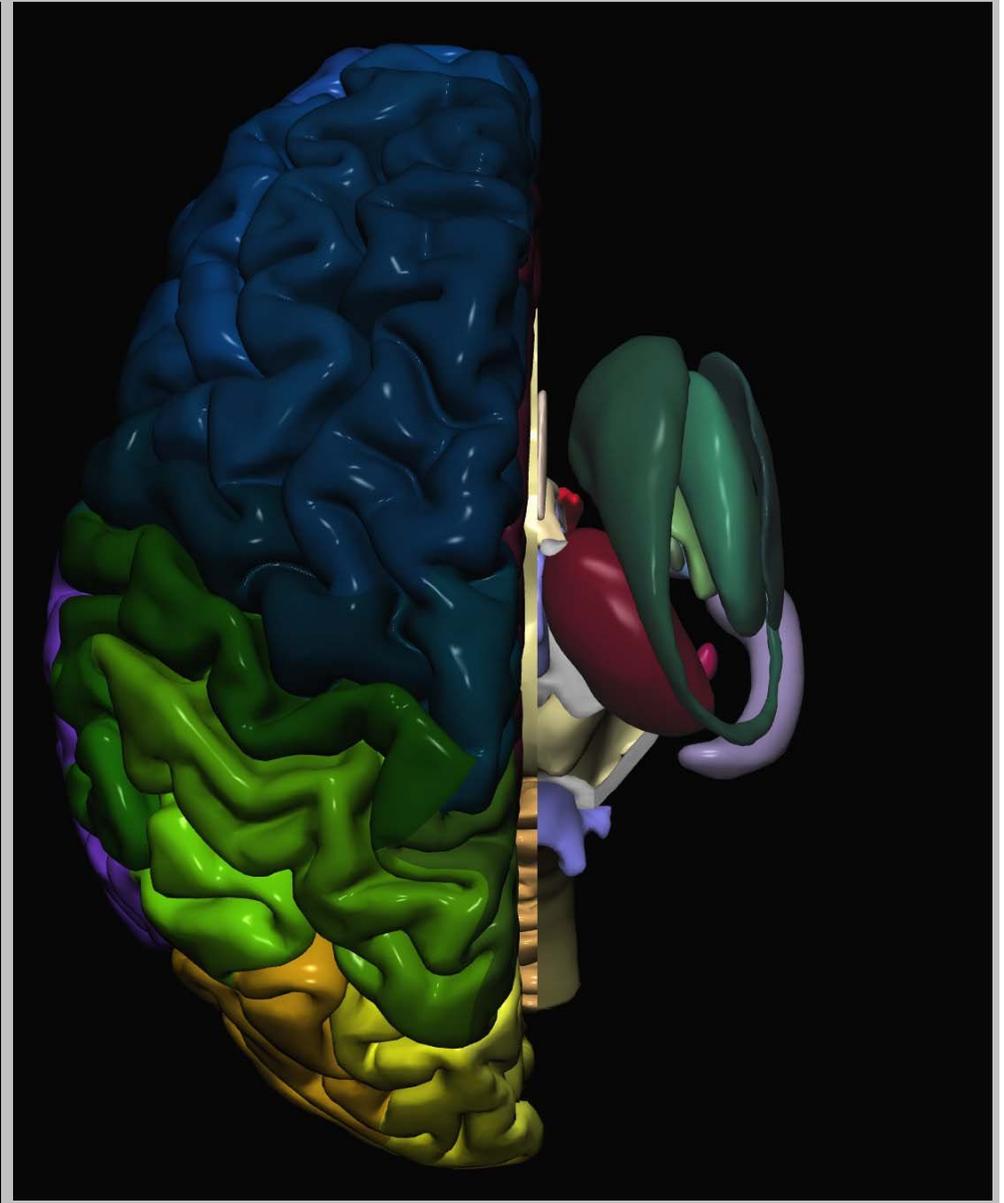
Corticalité en pondération T1



Corticalité en pondération T2

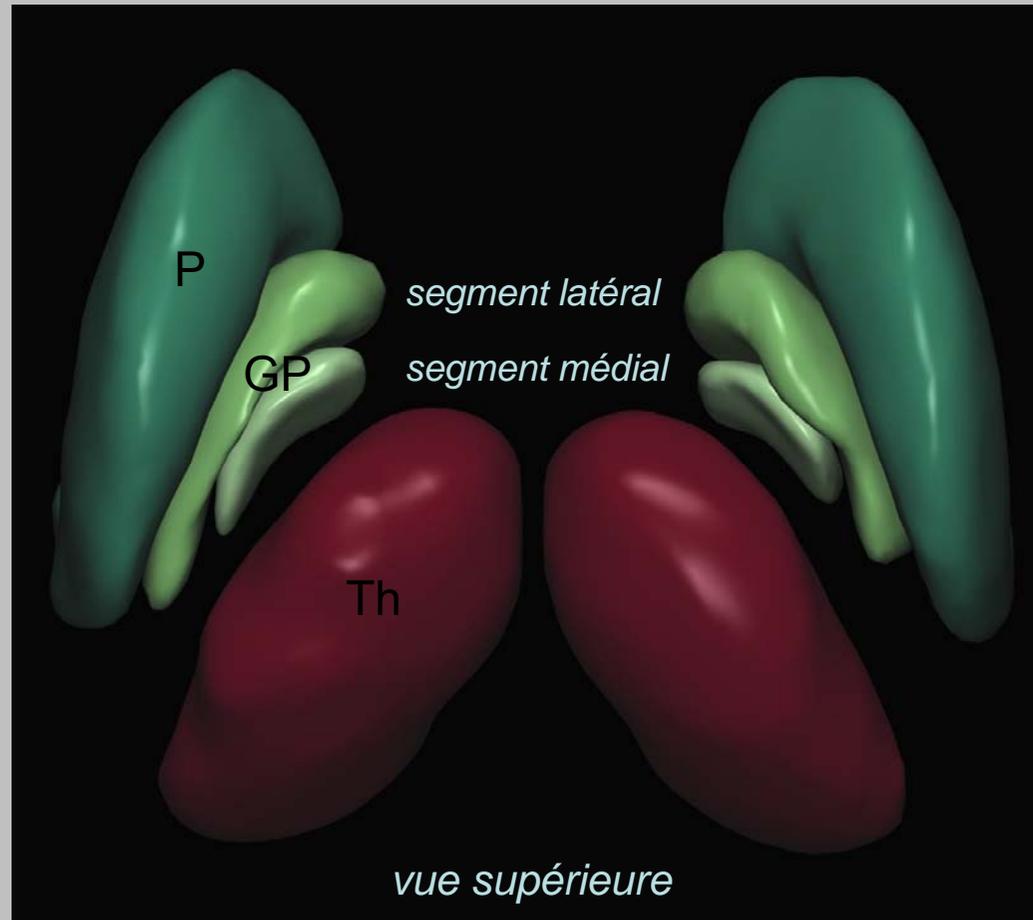


Ablation de la SB: **structures profondes**



Ablation des ventricules:  
**structures centrales 'pleines'**

## Thalamus + noyau lenticulaire

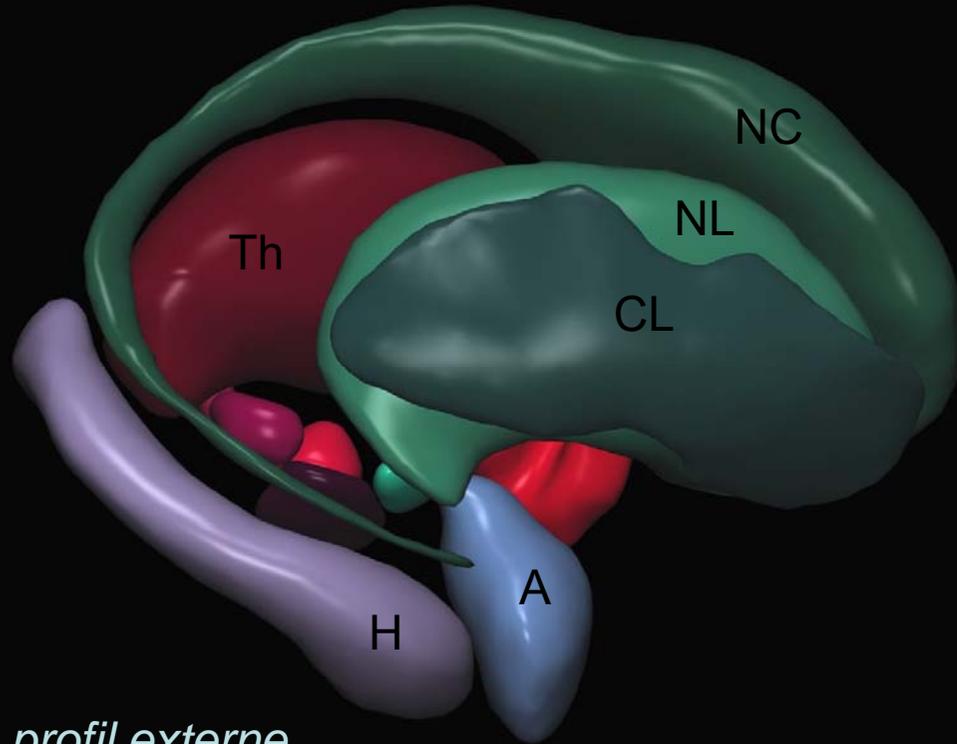


## Noyau lenticulaire

- Putamen (latéral)
- Globe pâle (medial)

## Noyaux Gris Centraux

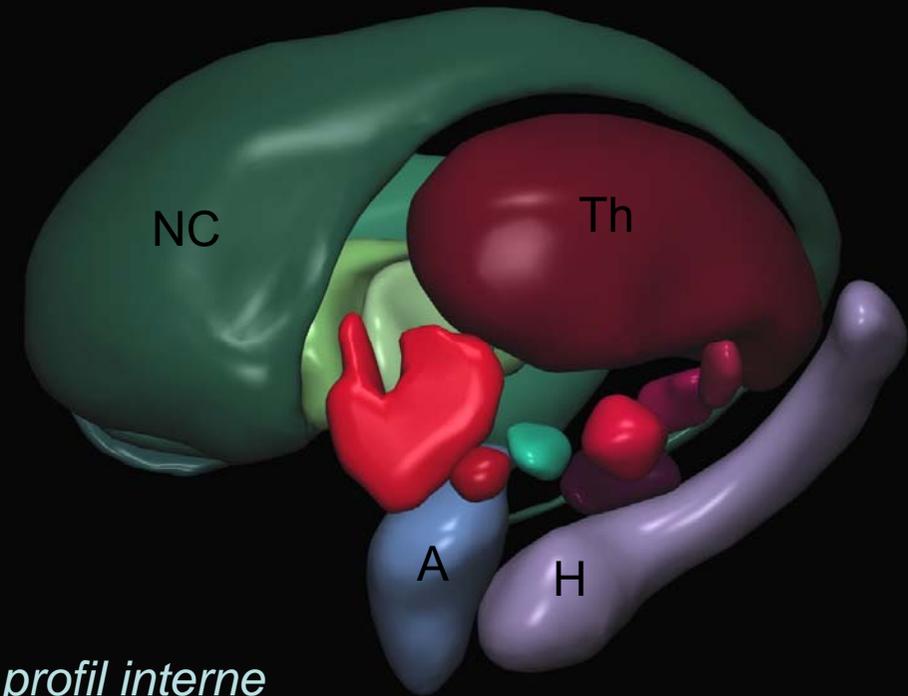
**C**lastrum  
**N**oyau **C**audé  
**N**oyau **L**enticulaire  
**T**halamus



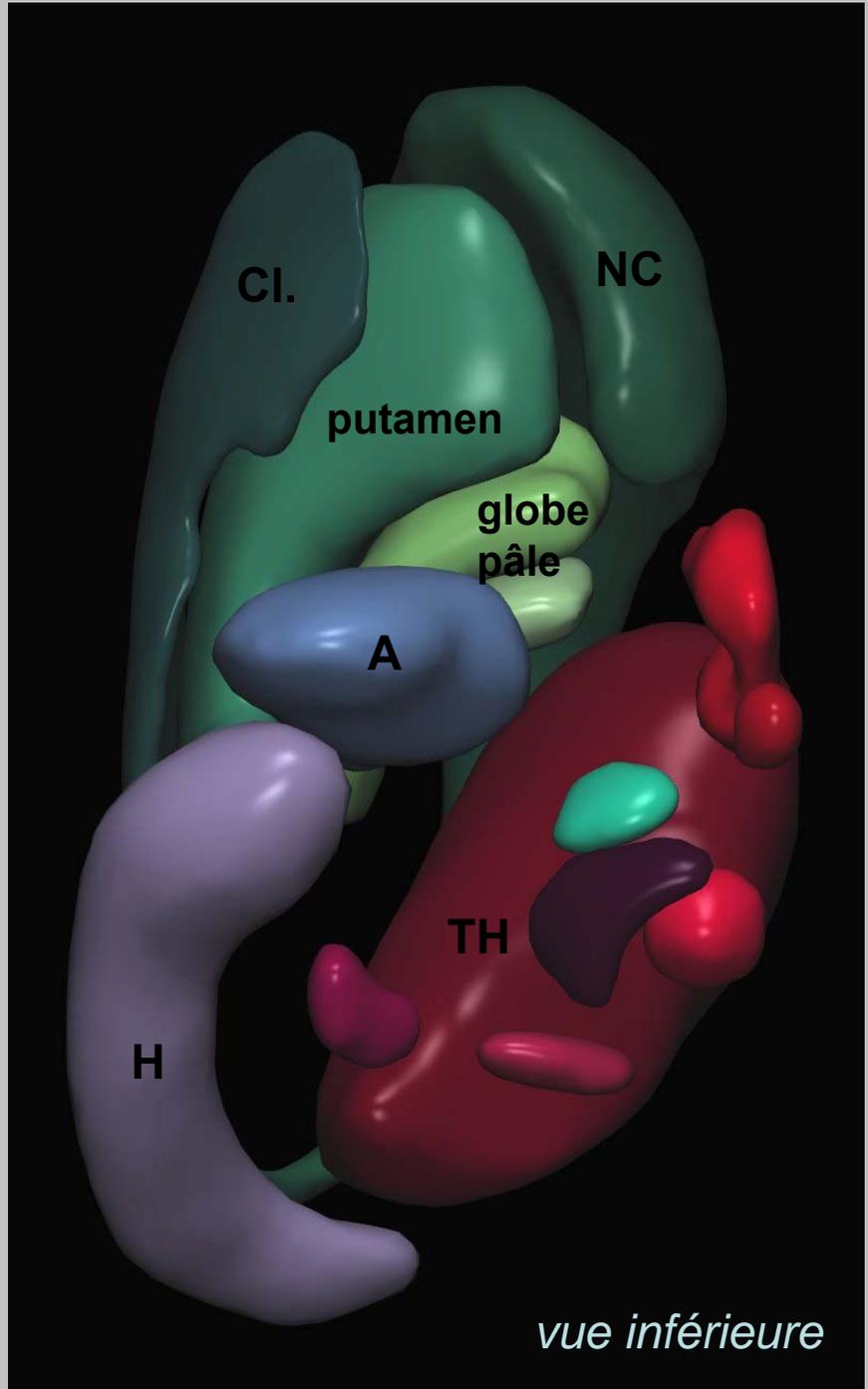
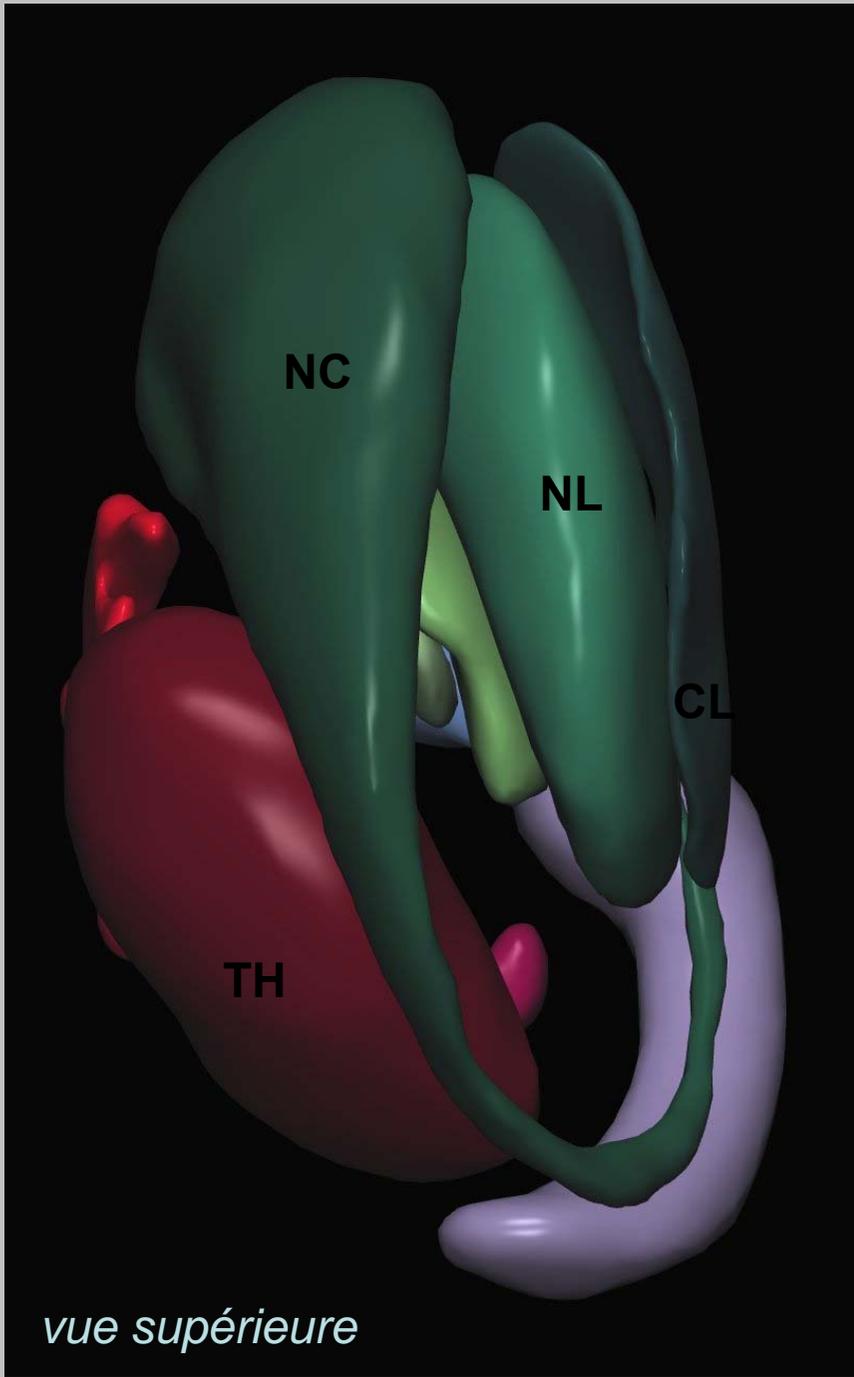
*profil externe*

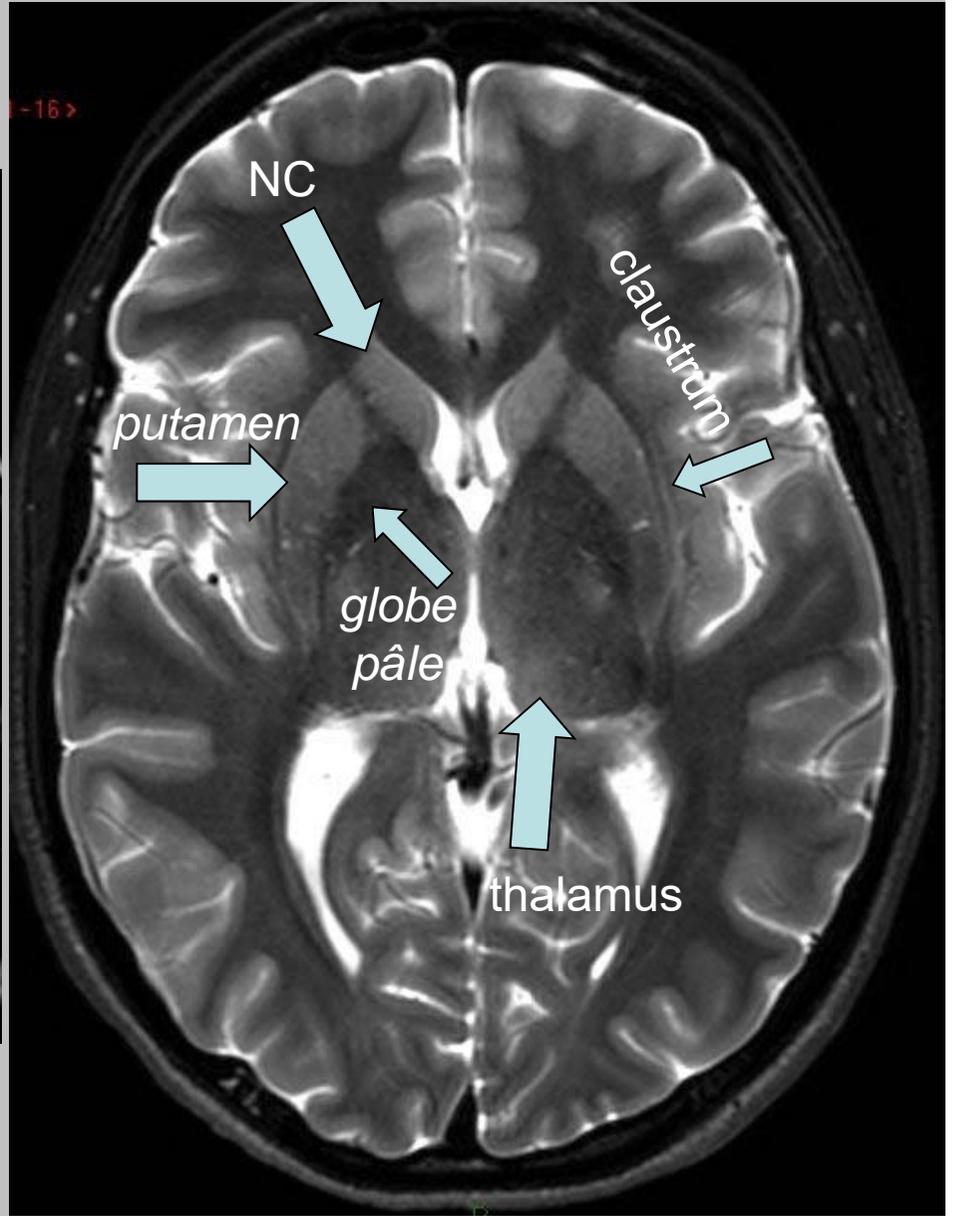
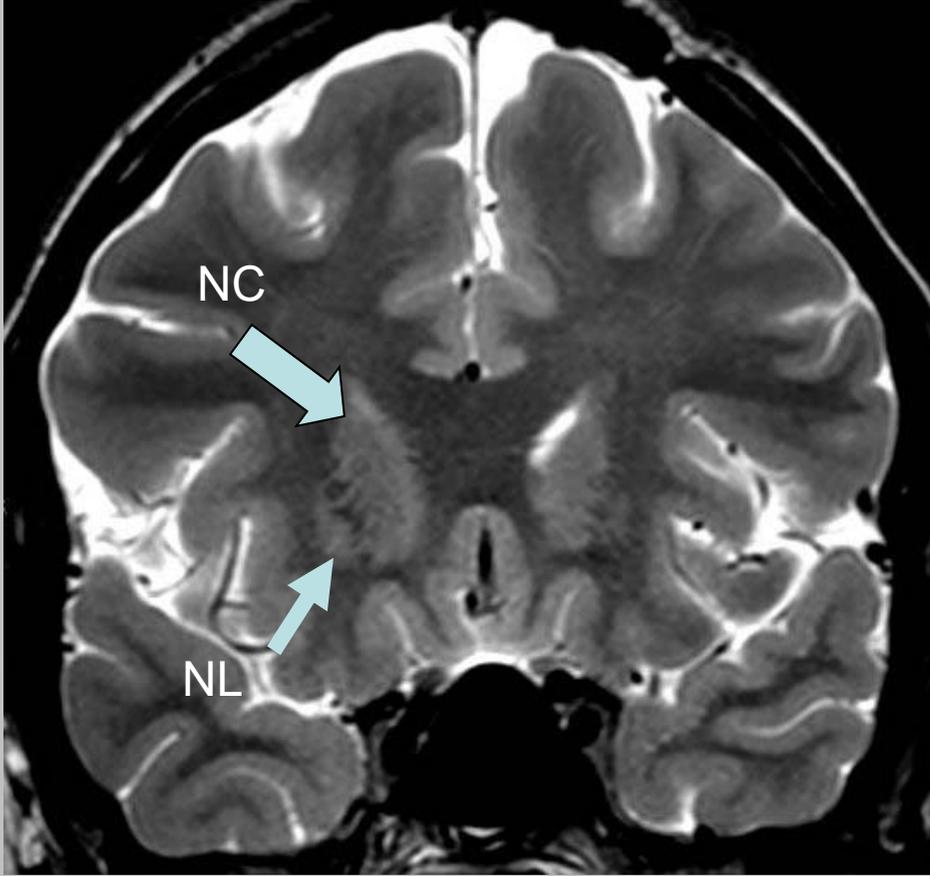
## Gyri du 'cerveau primitif'

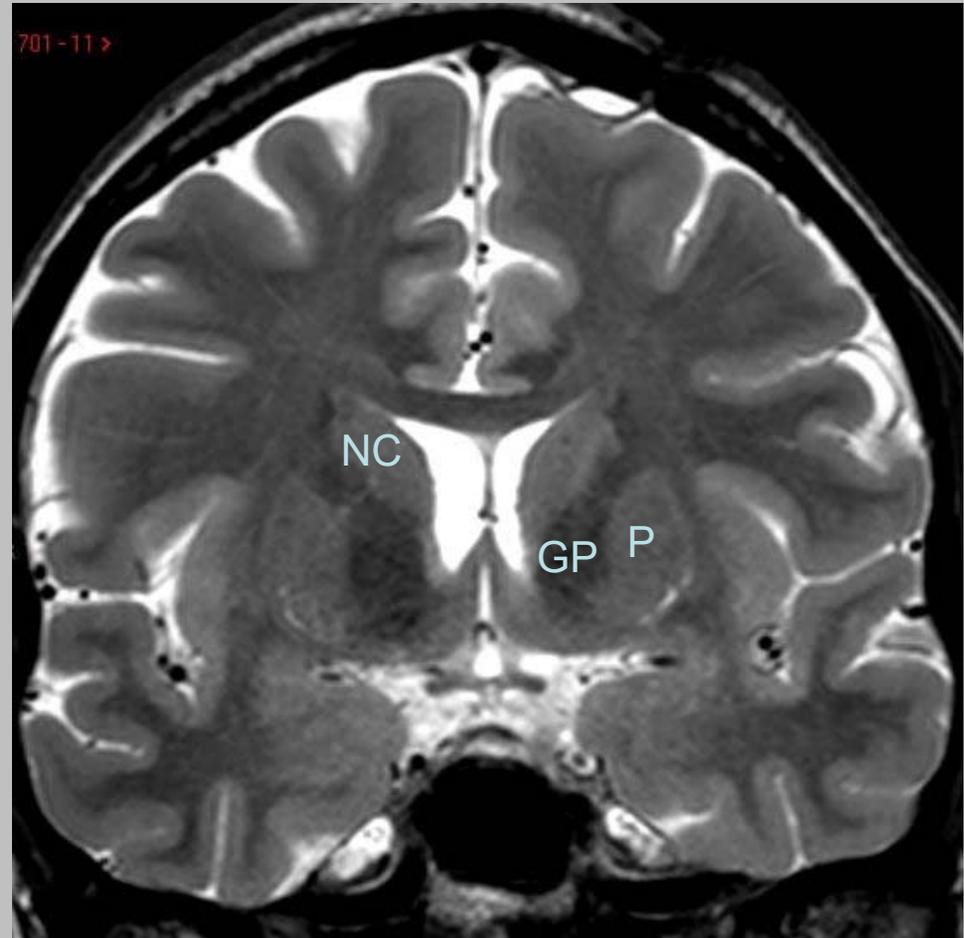
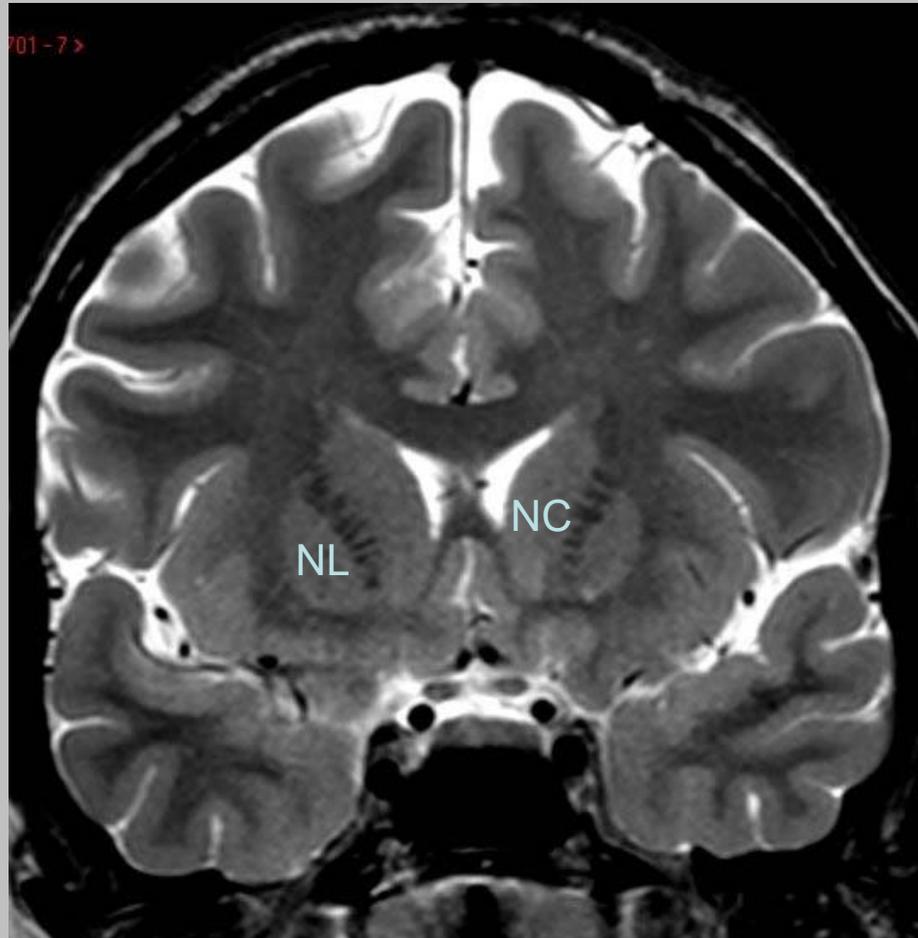
**H**ippocampe  
**A**mygdale

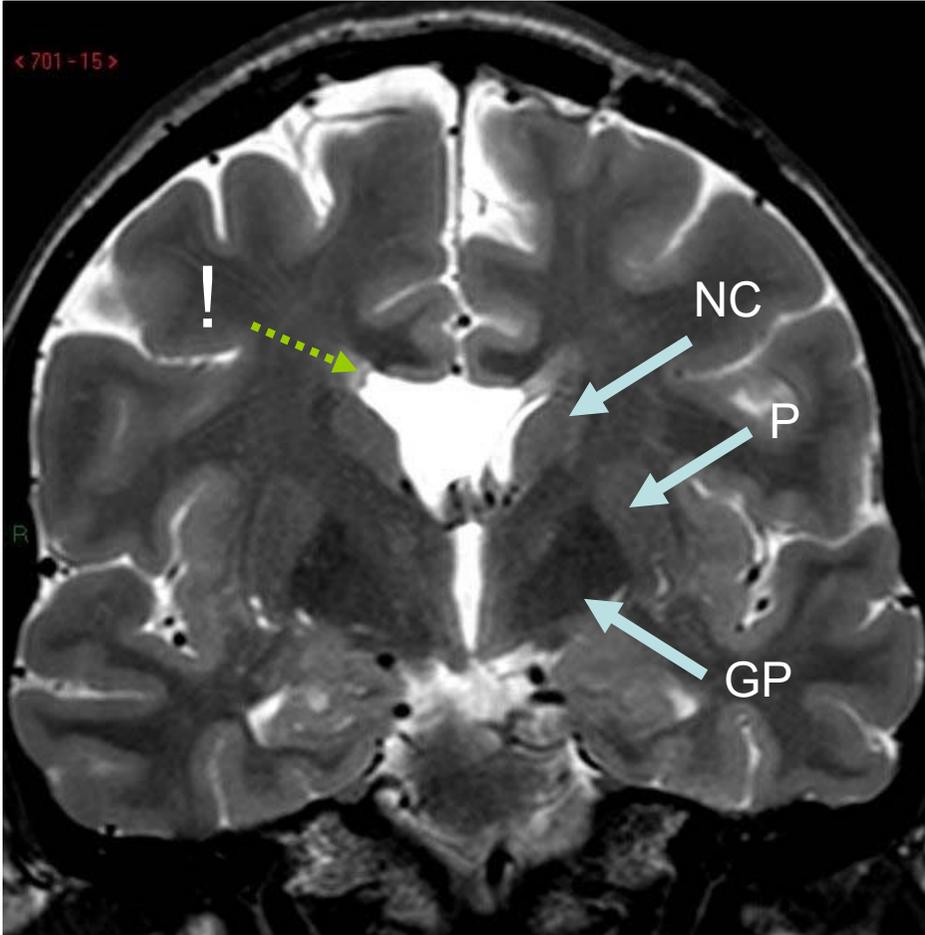


*profil interne*

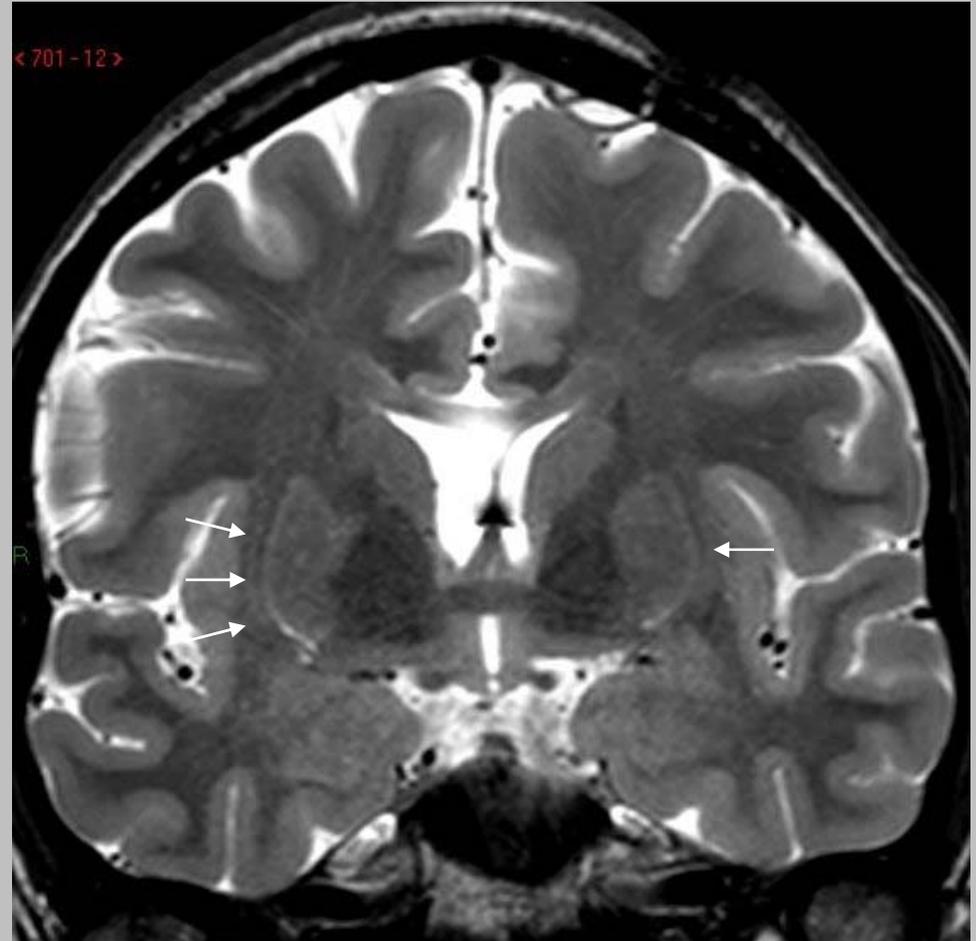




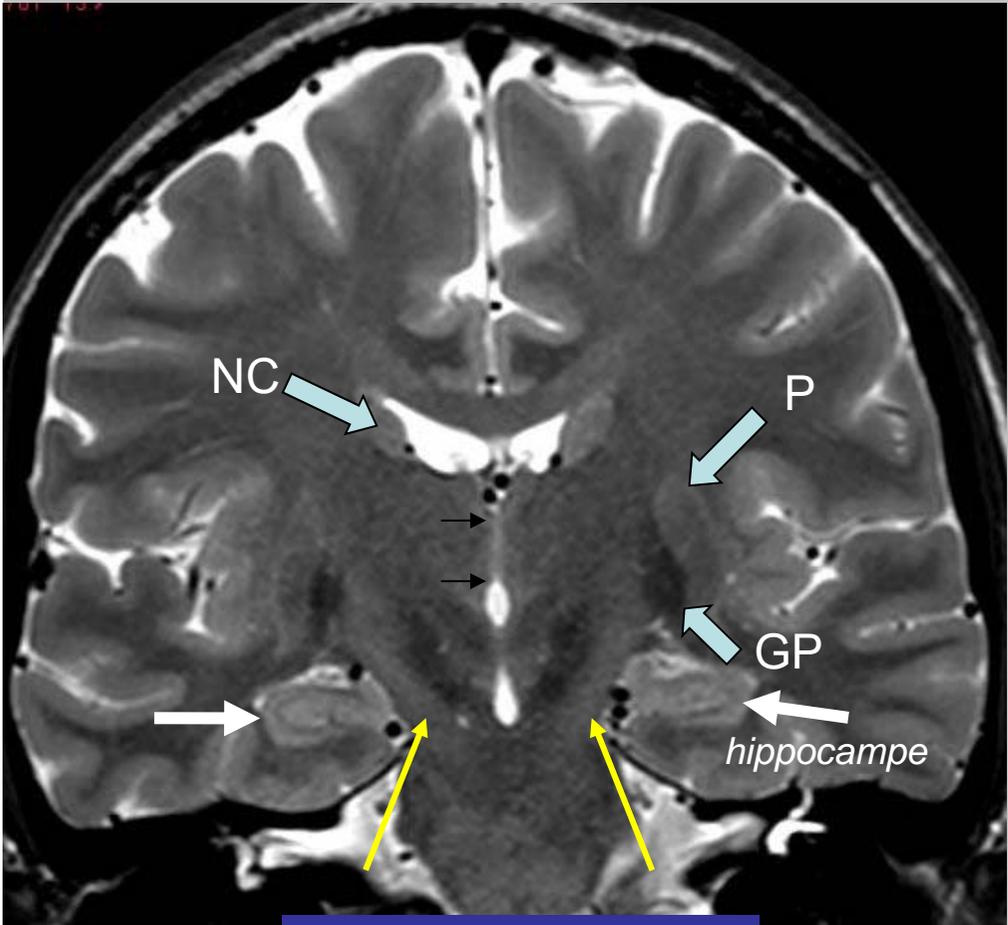




! exérèse focale partielle du CC

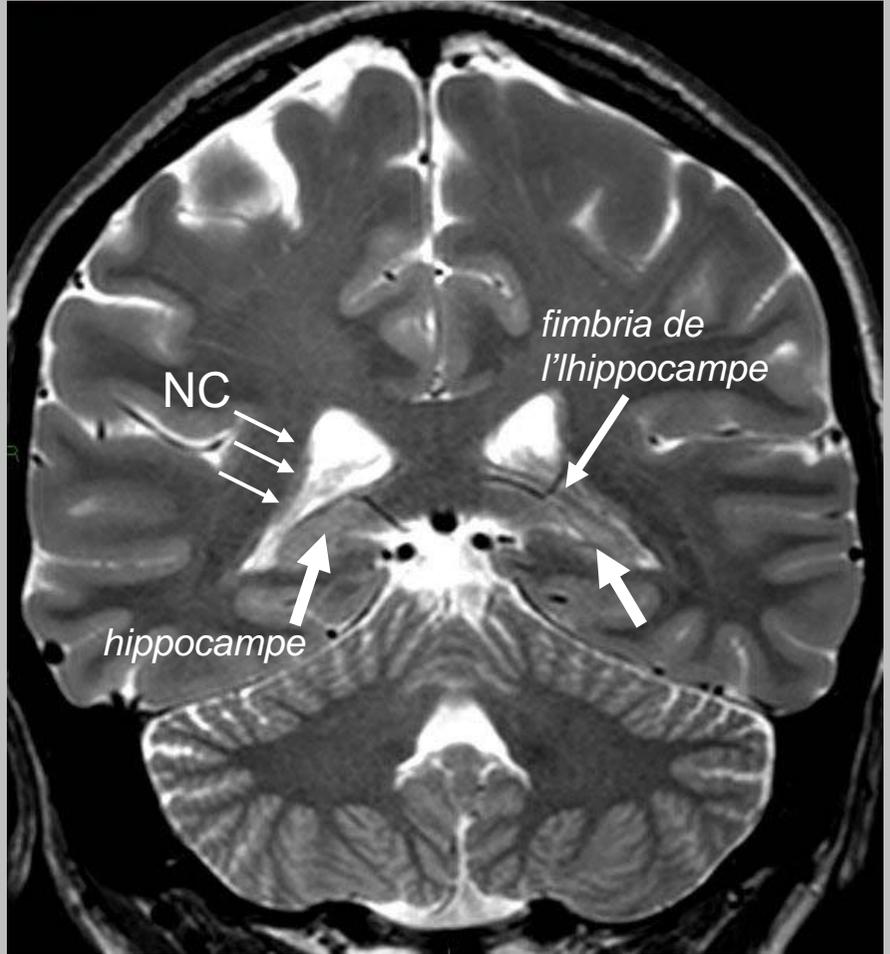


claustrum

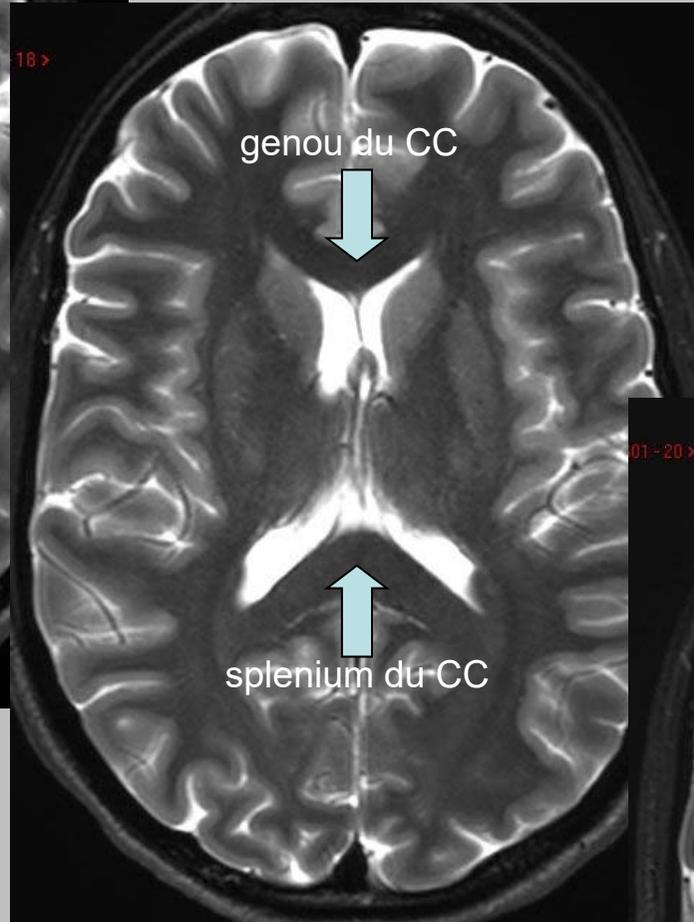
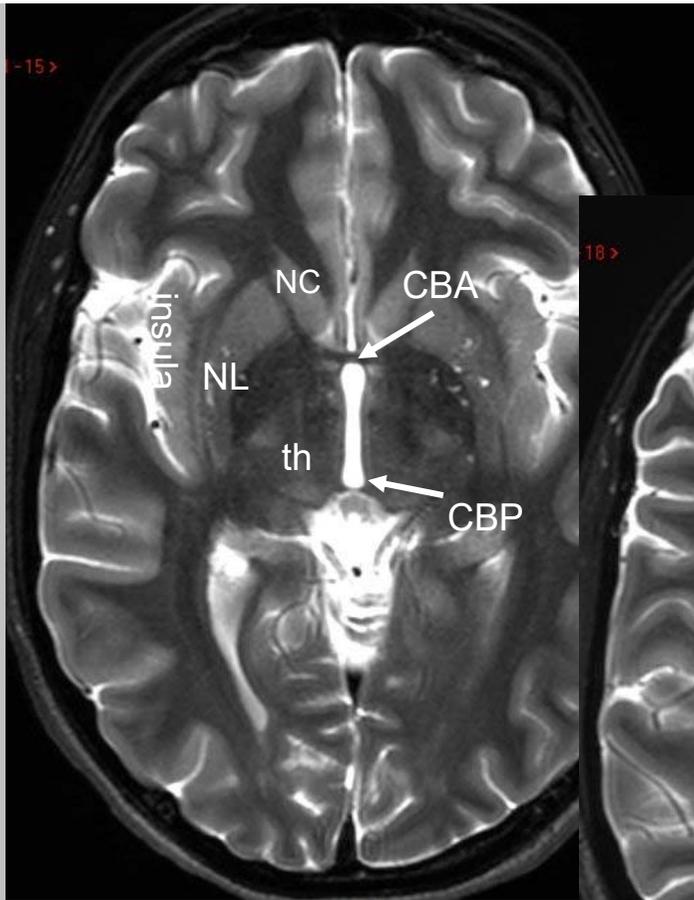


**tractus cortico-spinal**

commissure interthalamique



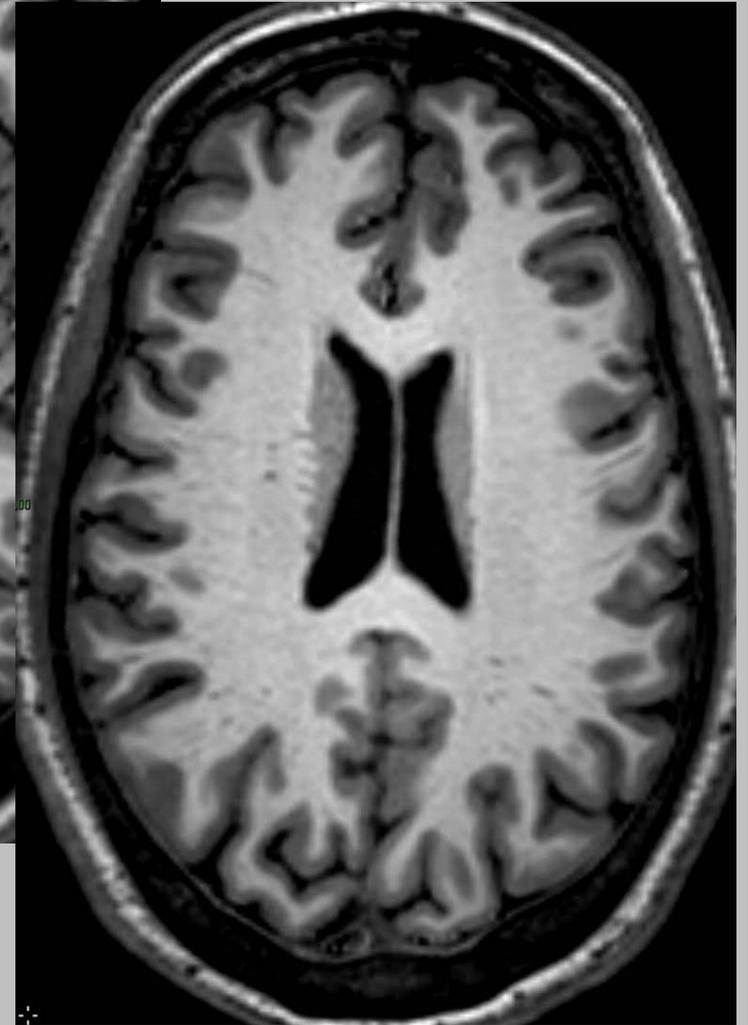
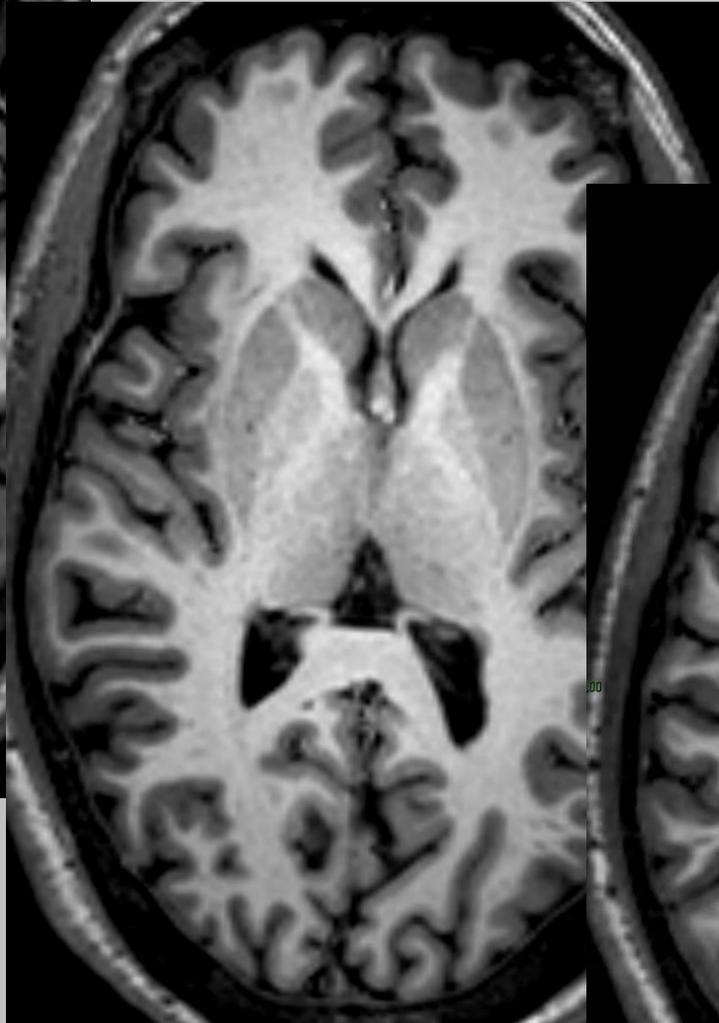
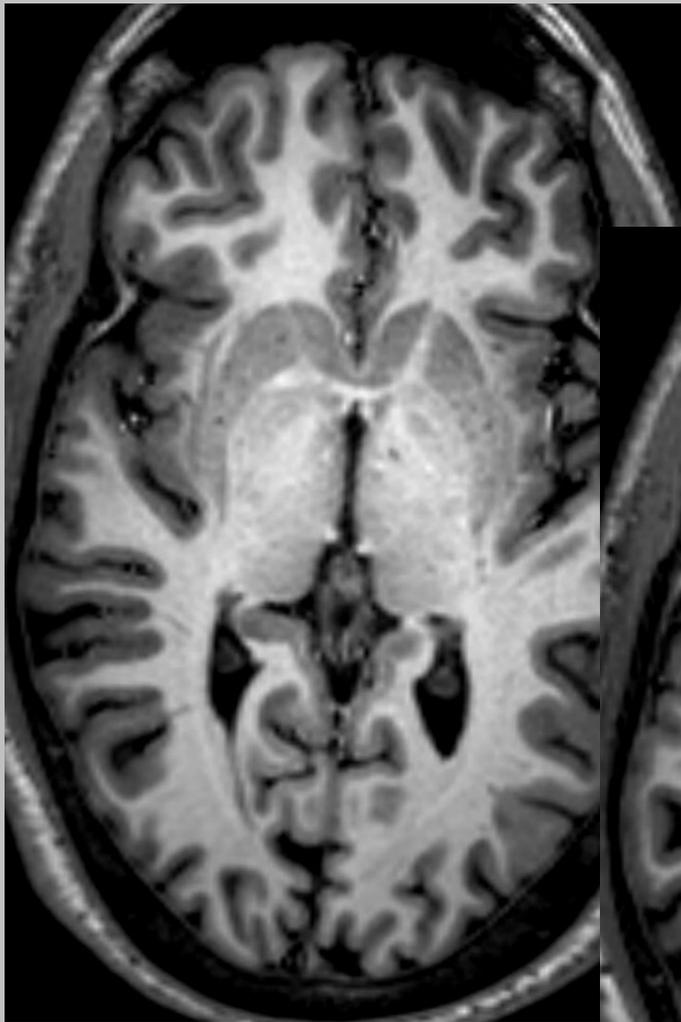
# IRM – pondération T2



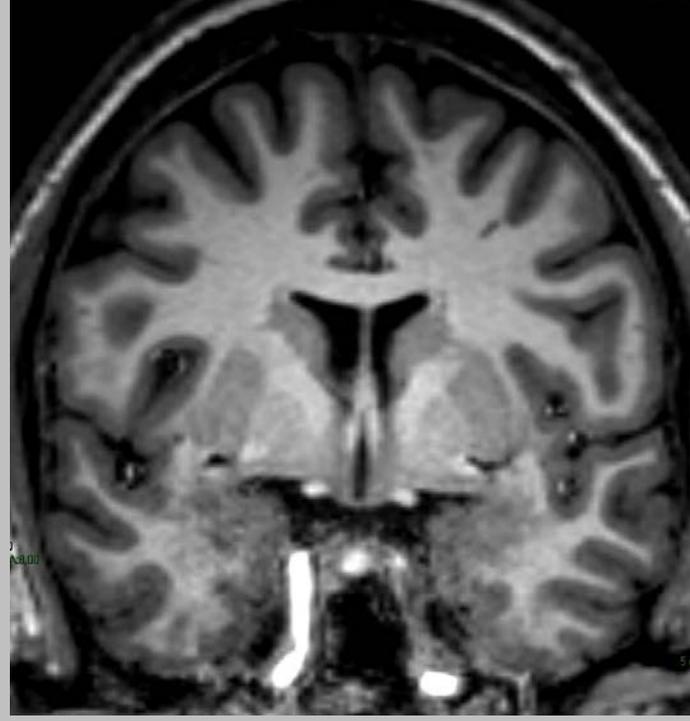
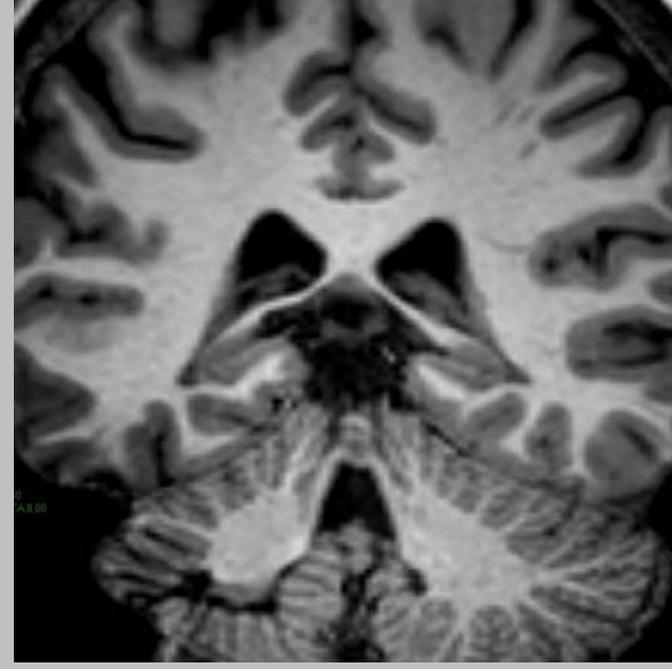
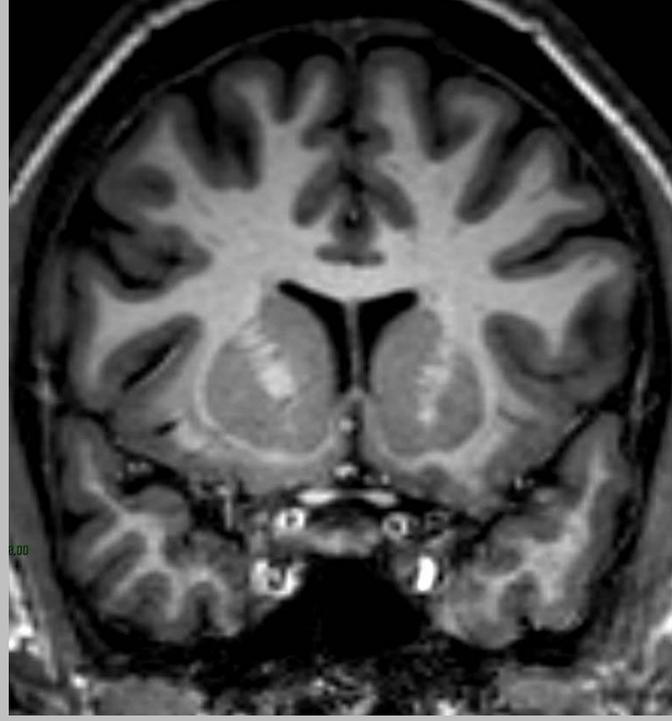
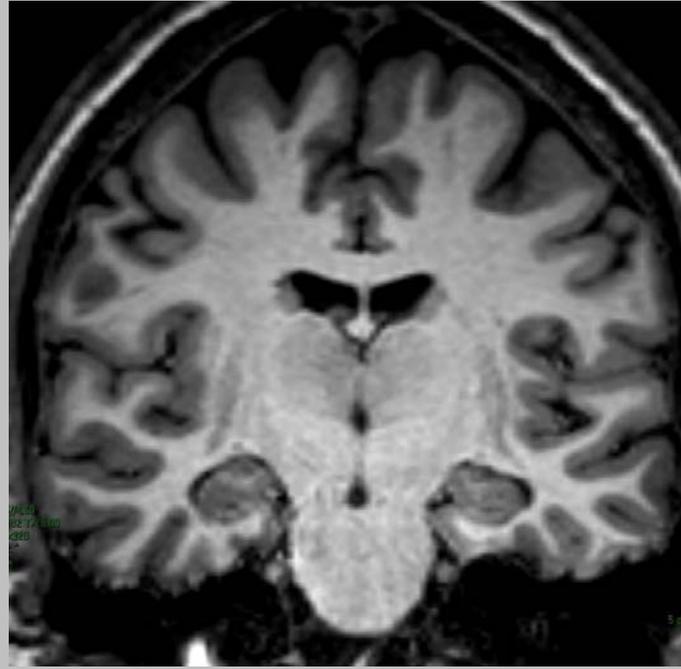
**Capsule interne**

- Bras antérieur
- Genou
- Bras postérieur

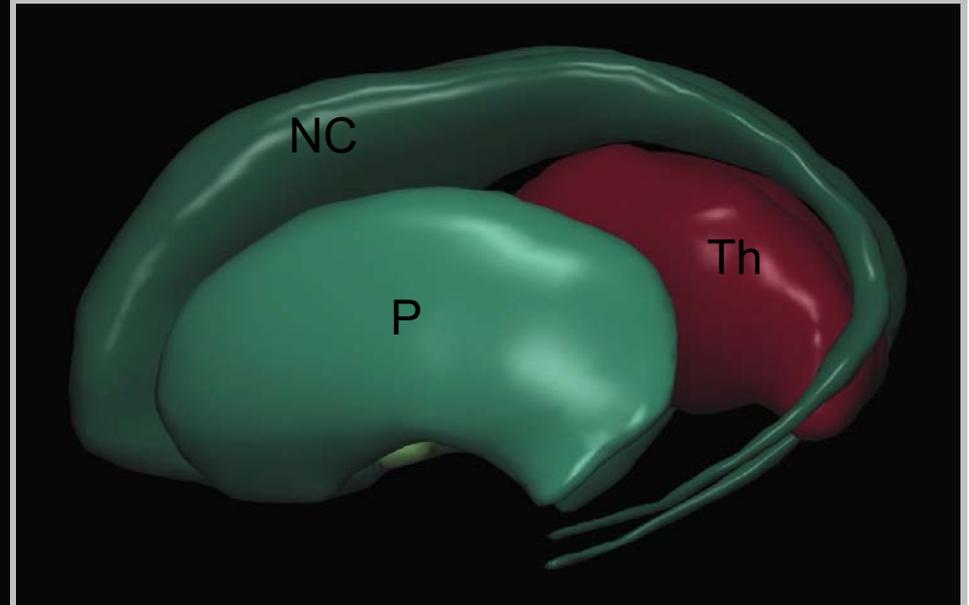
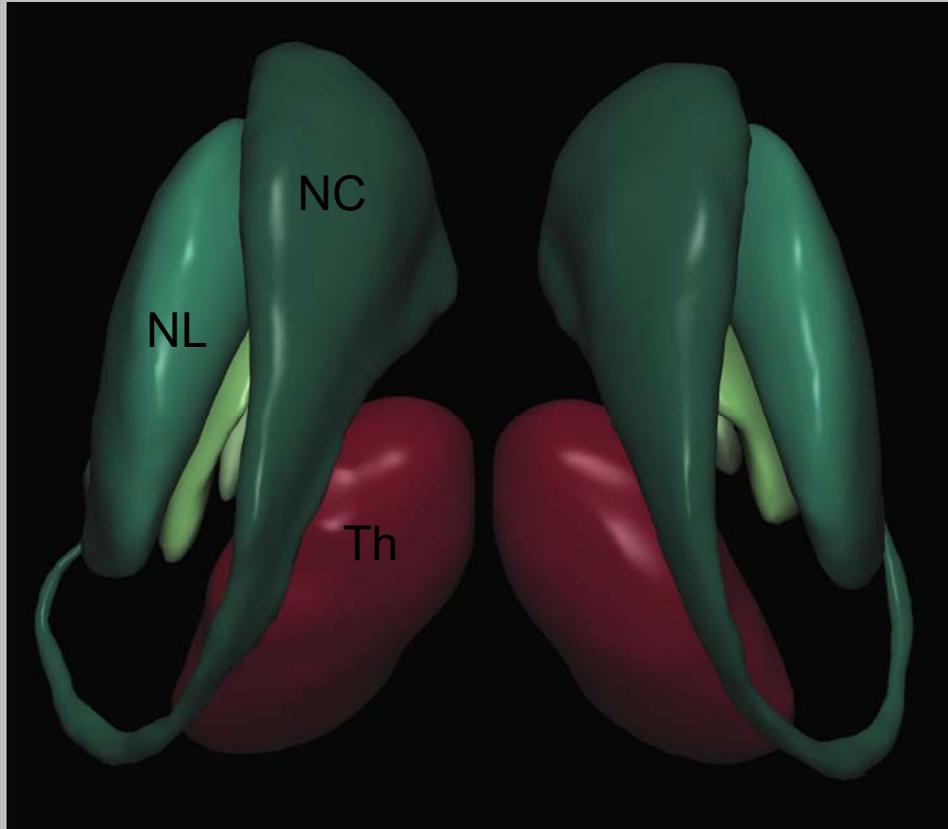
IRM – pondération T1

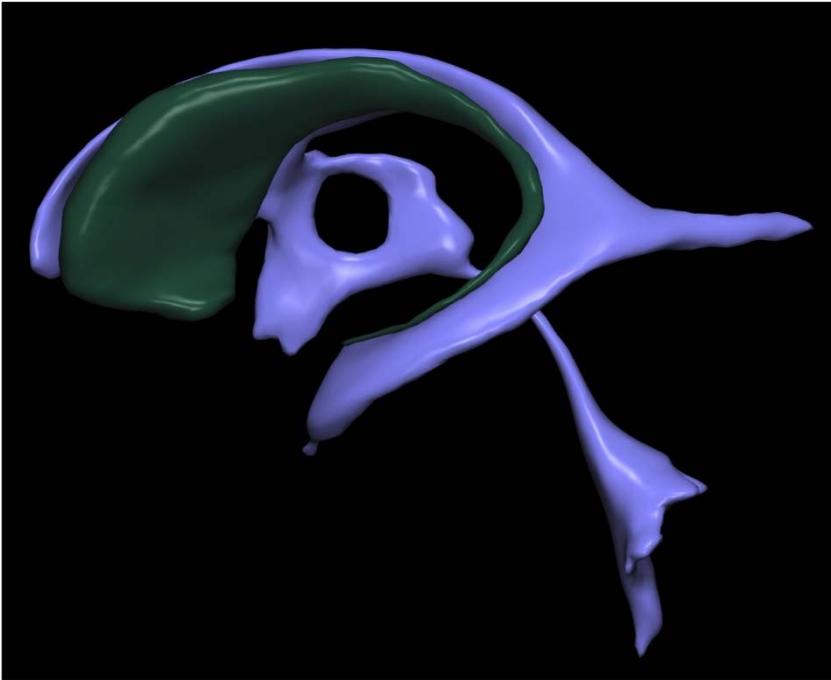
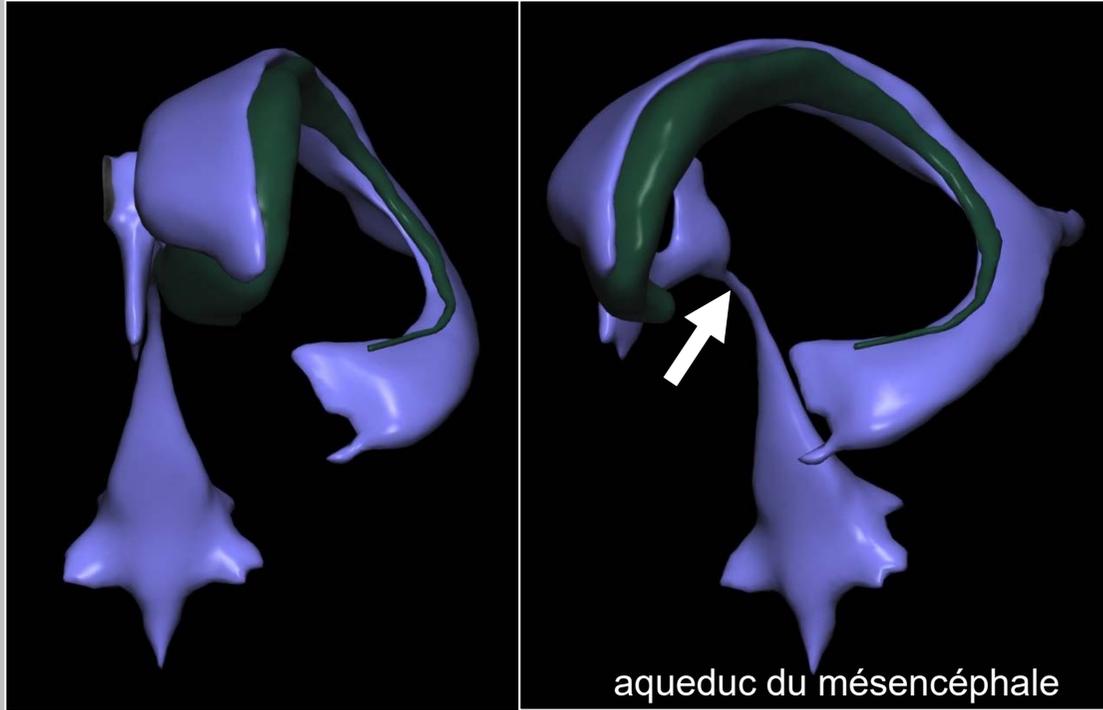


IRM – pondération T1

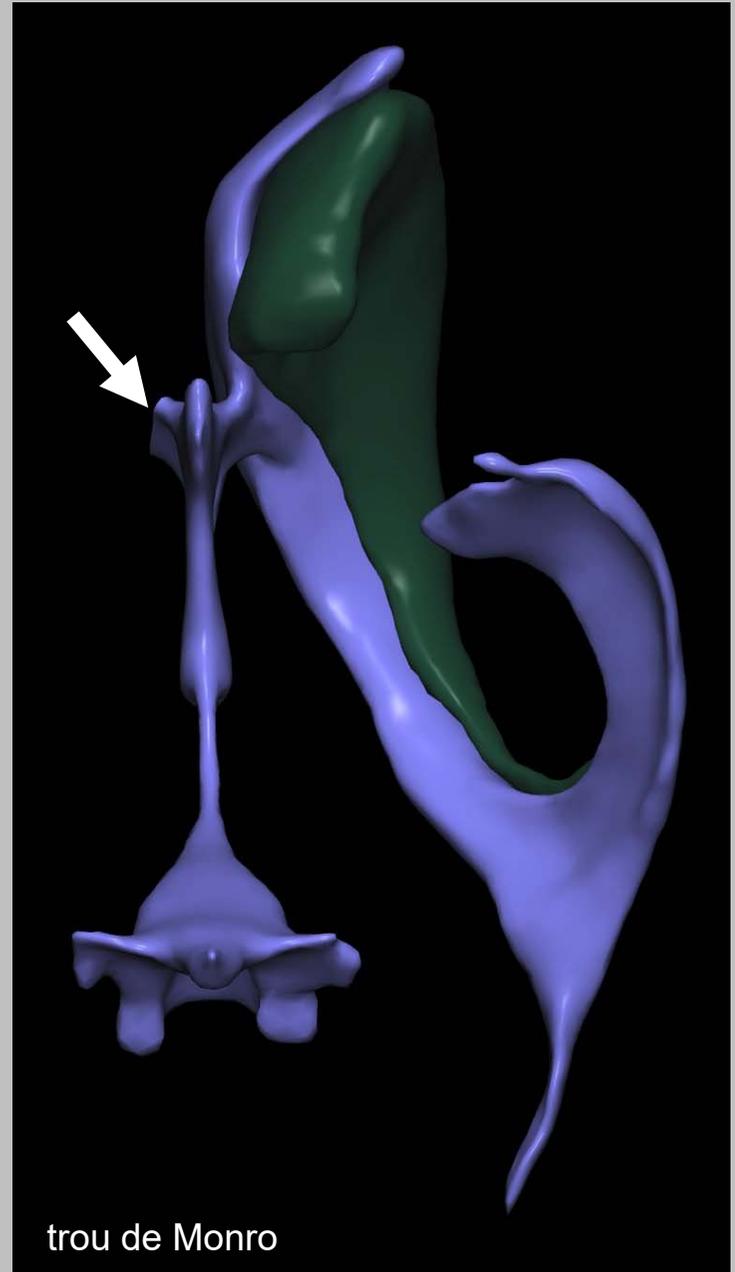


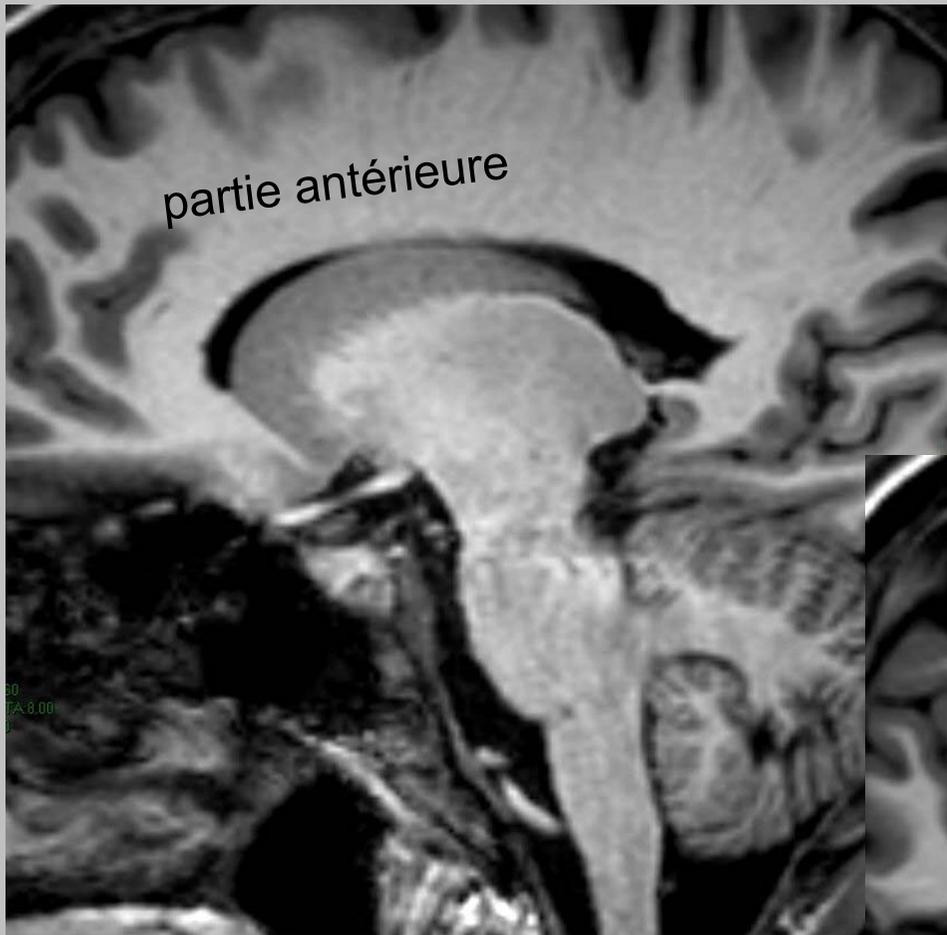
# Noyau caudé



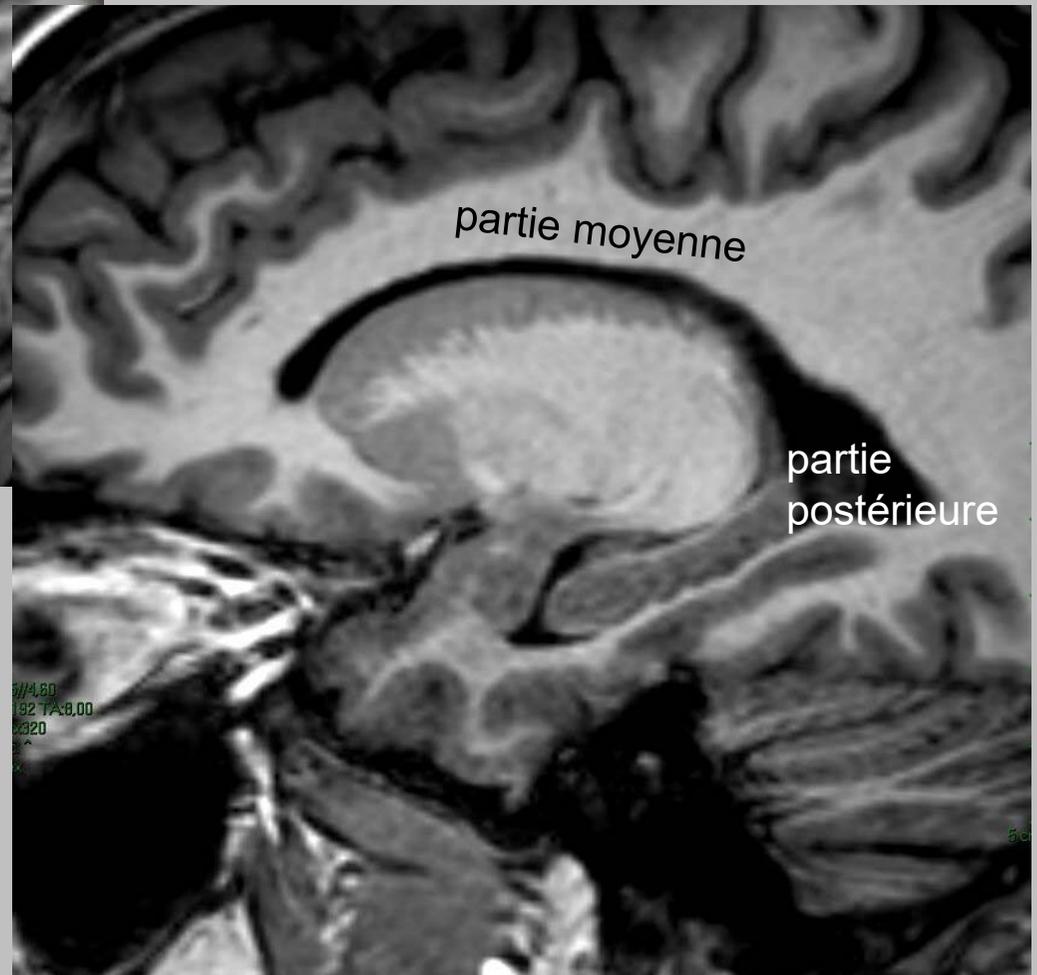


## Noyau caudé +VL

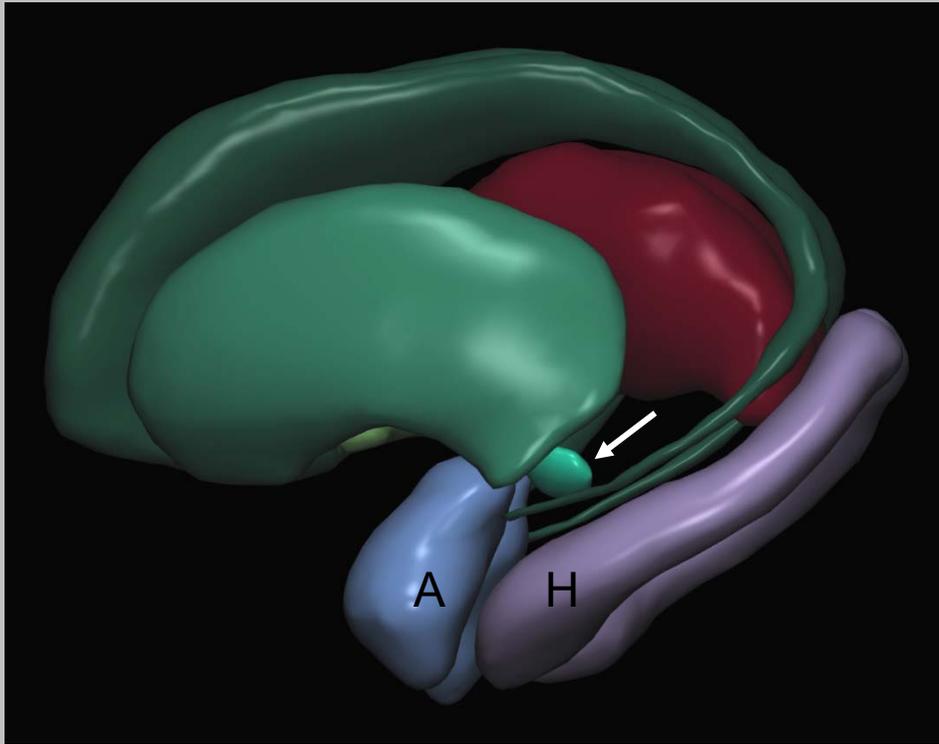




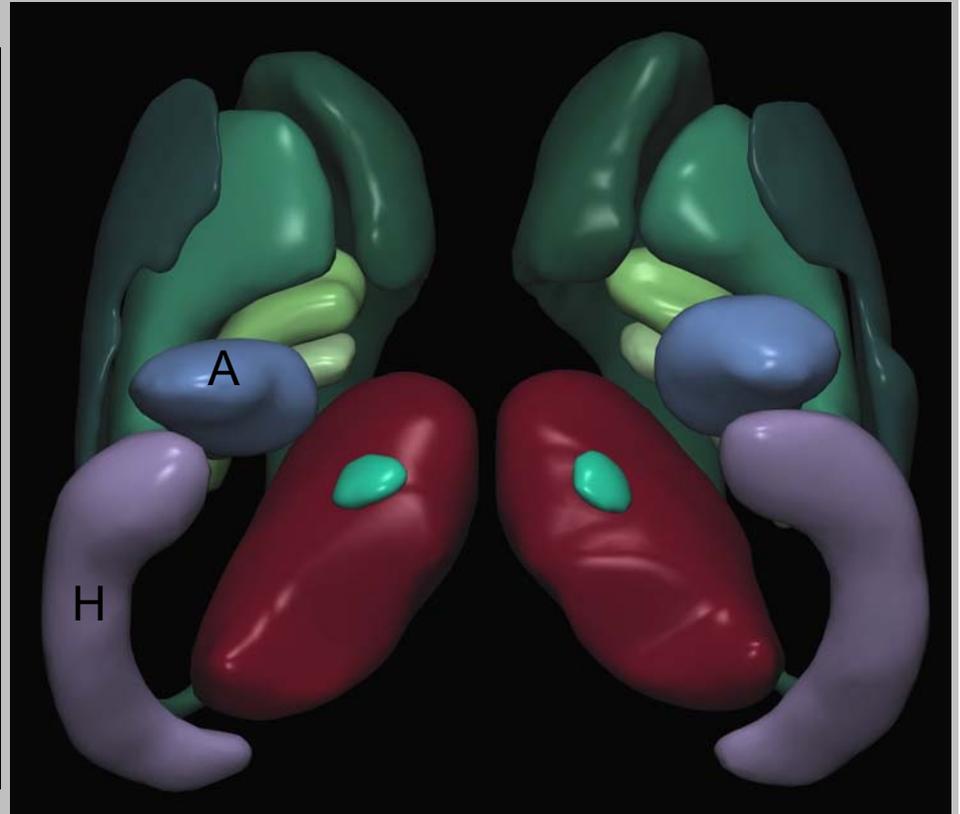
Noyau caudé + VL



Vue latérale

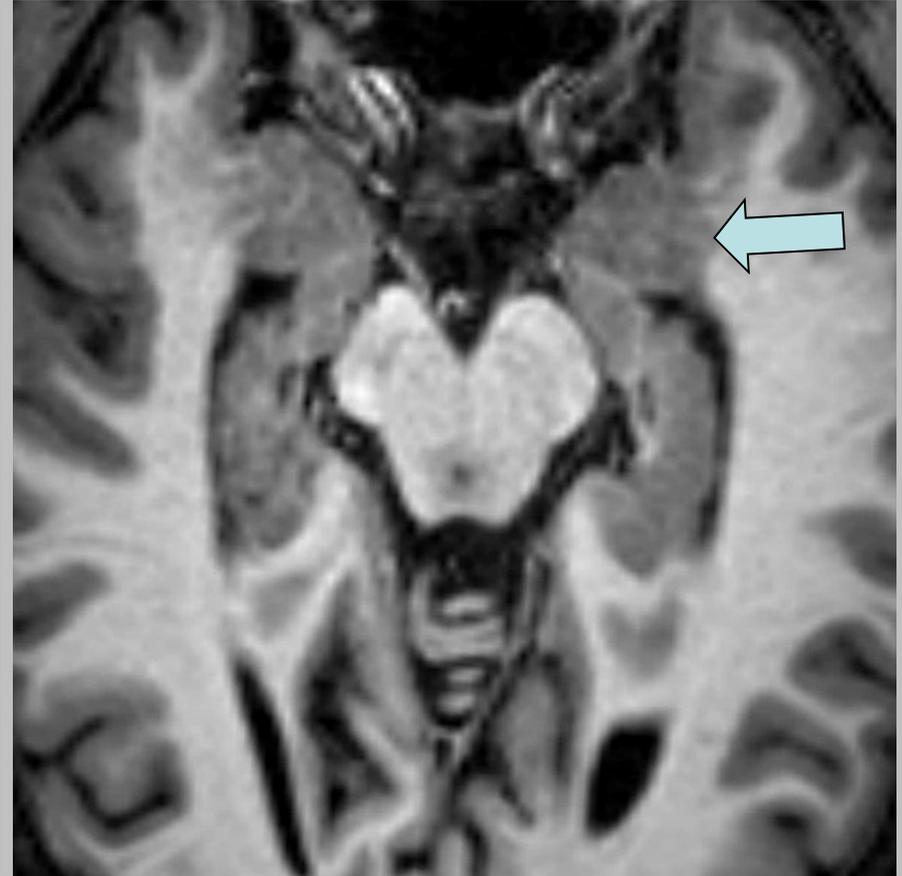


Vue inférieure

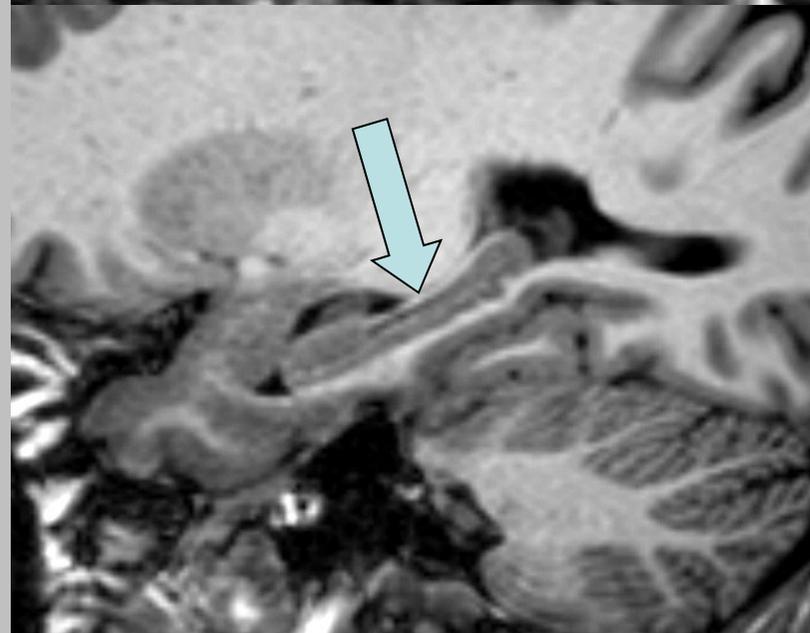
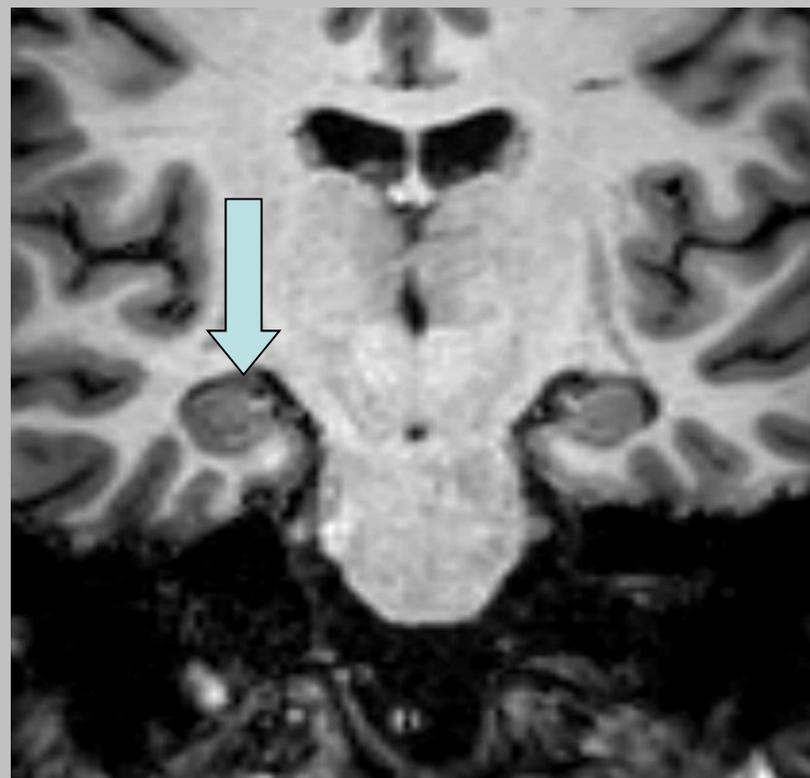
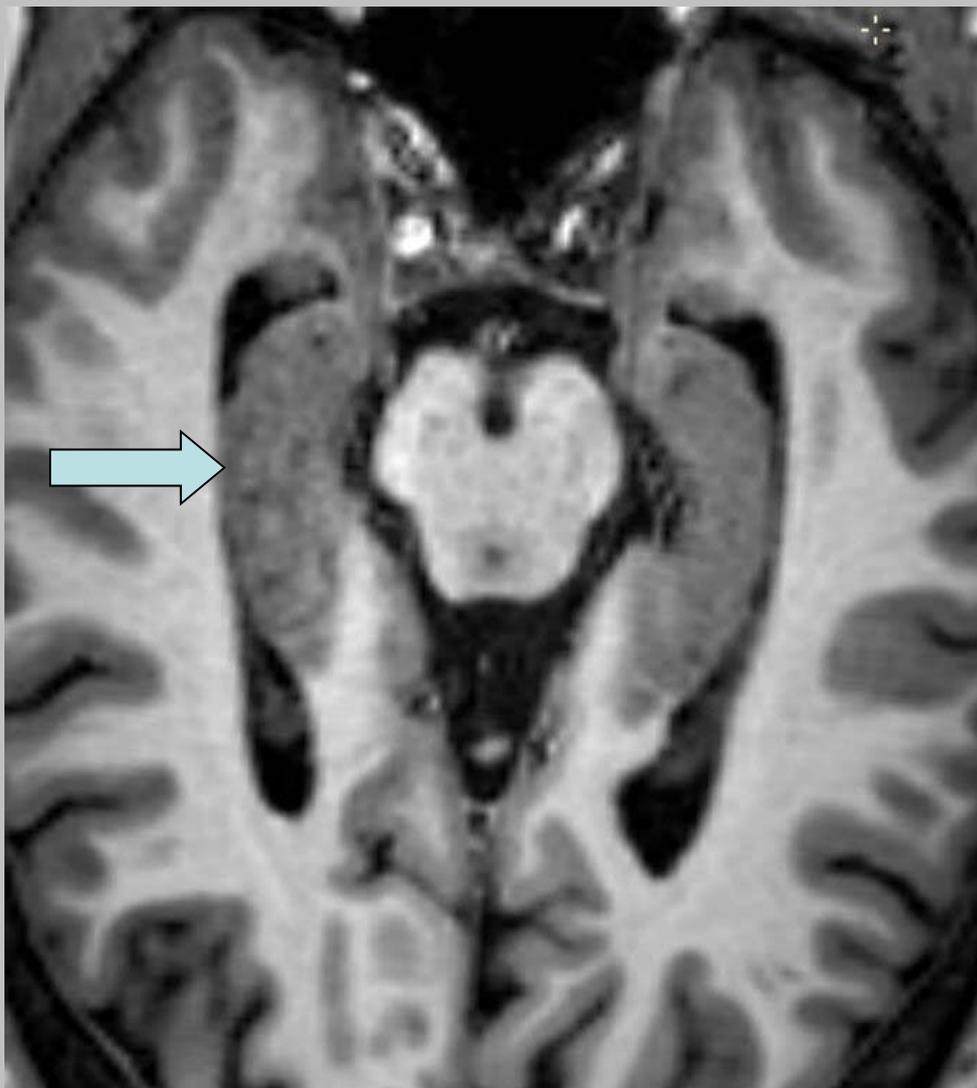


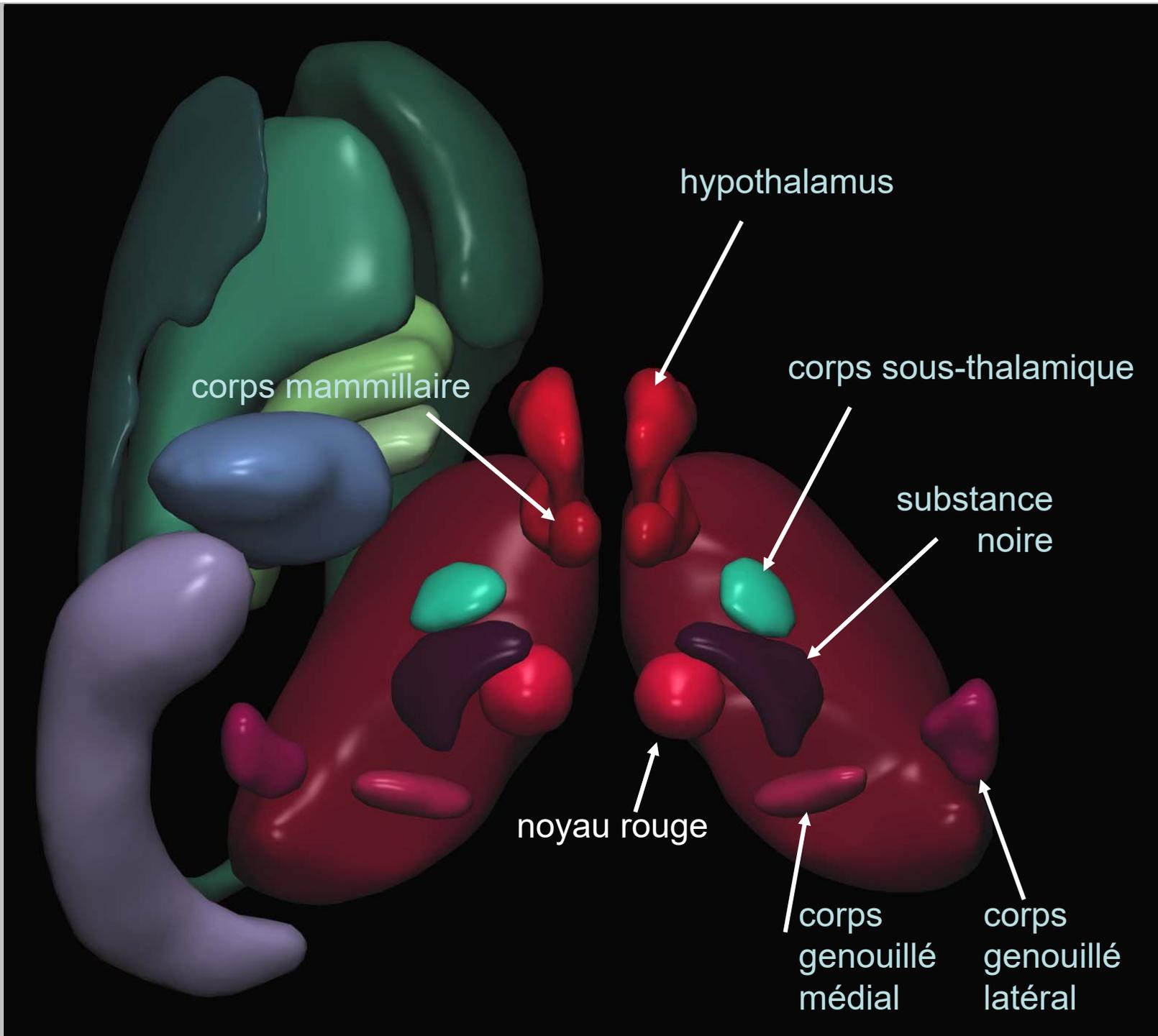
gyrus amygdalien  
gyrus hippocampique

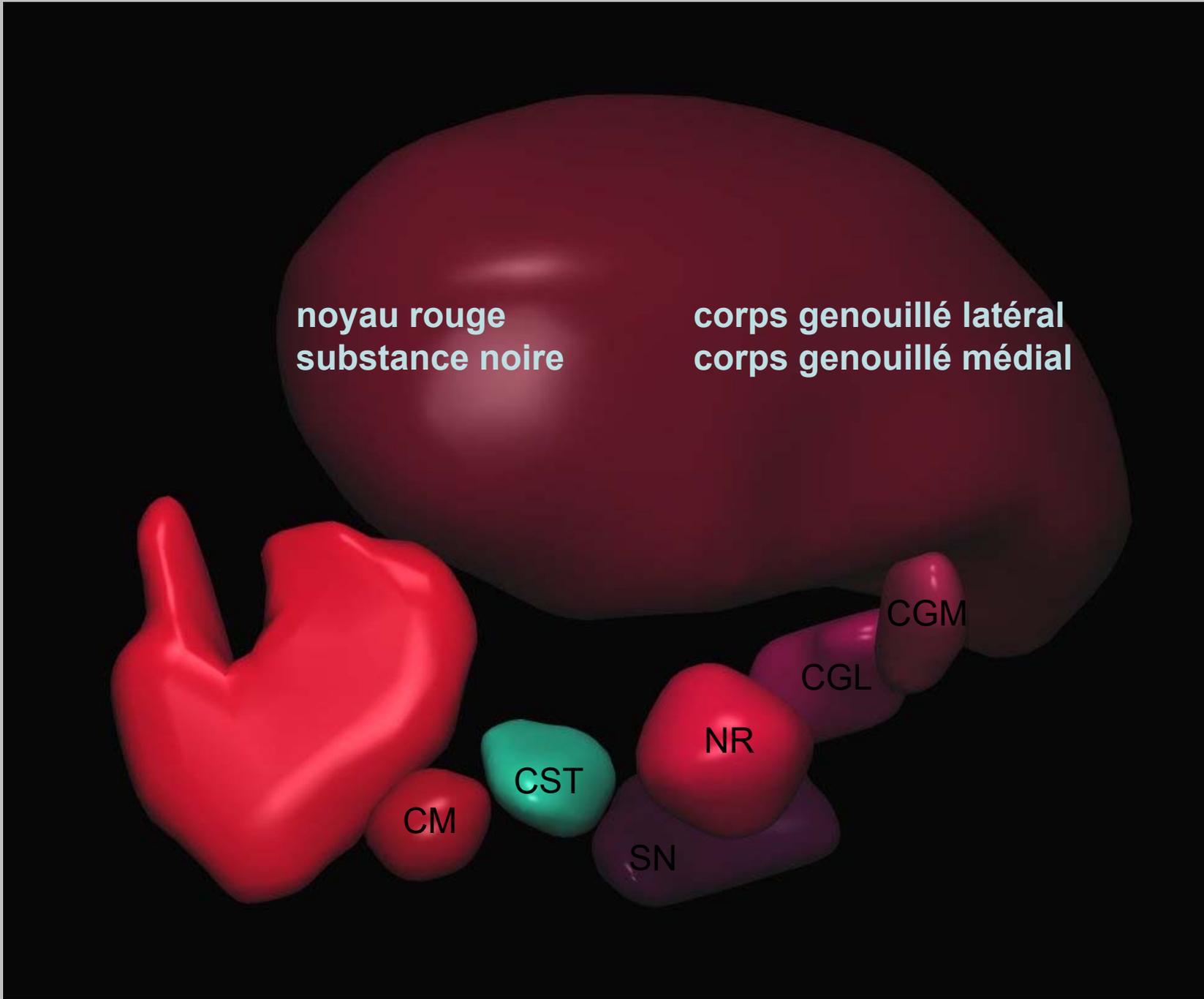
# Gyrus amygdalini



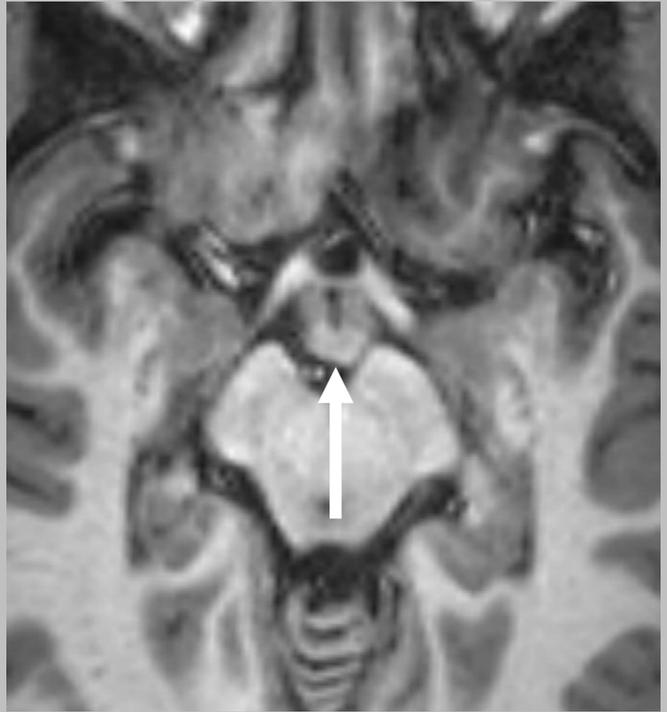
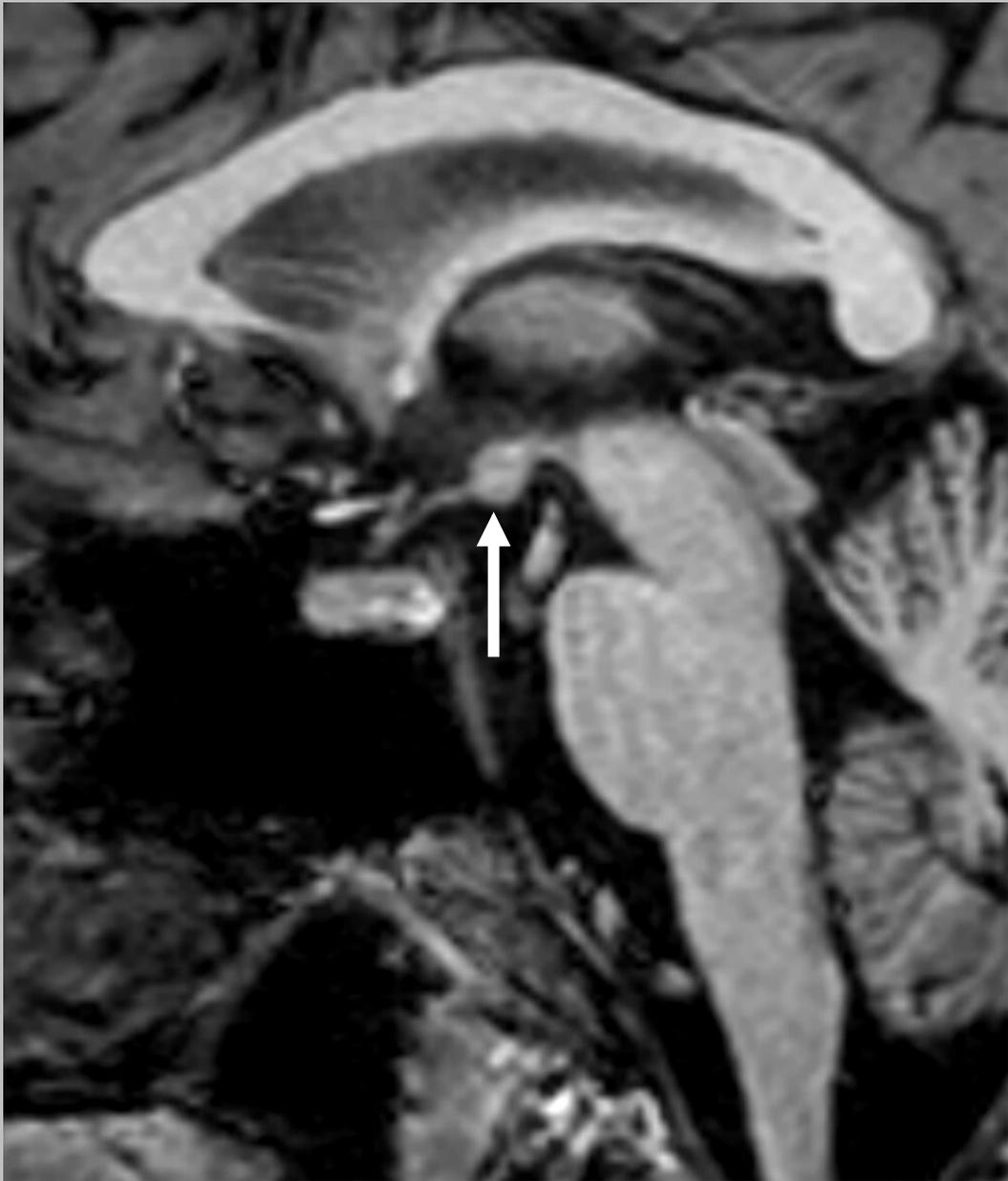
# Hippocampe

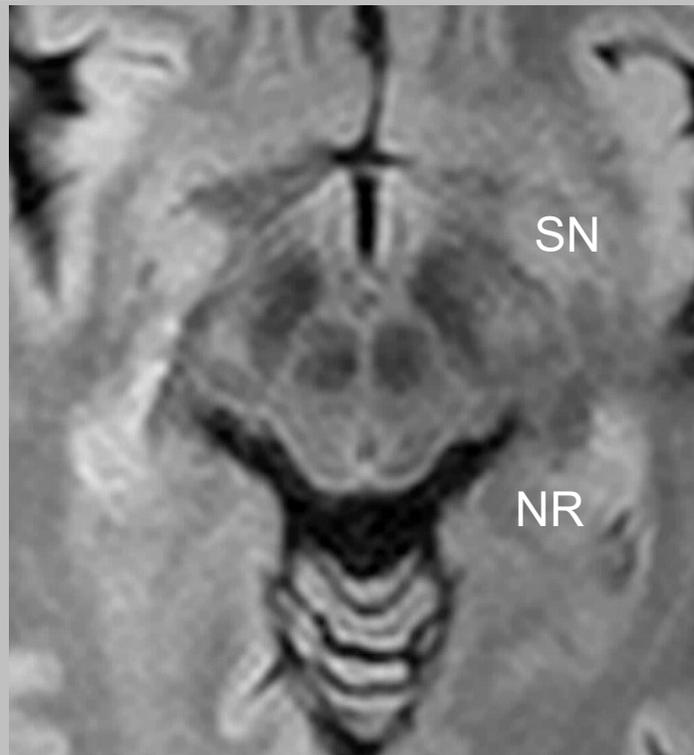
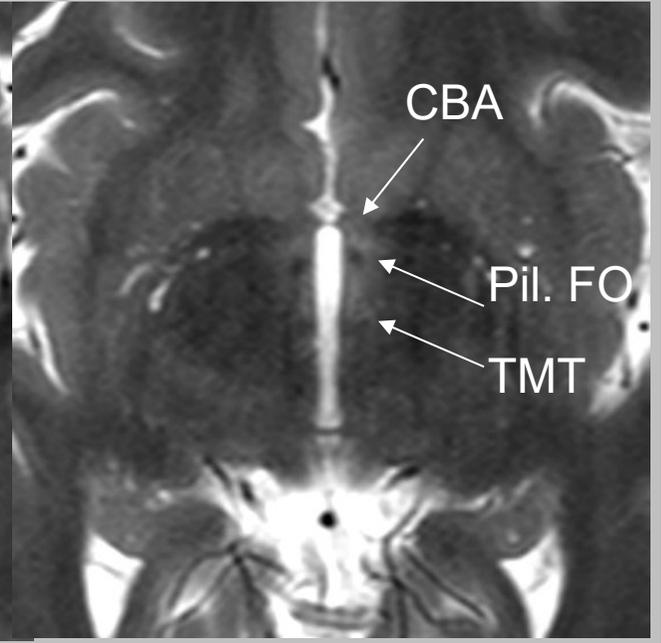
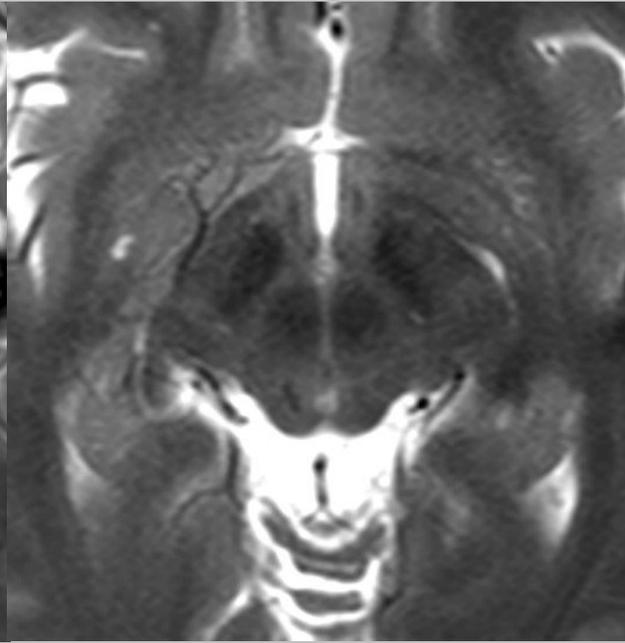
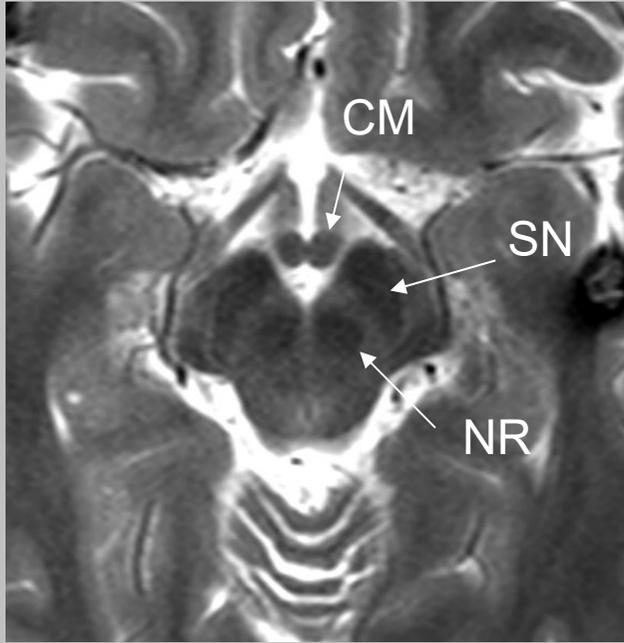


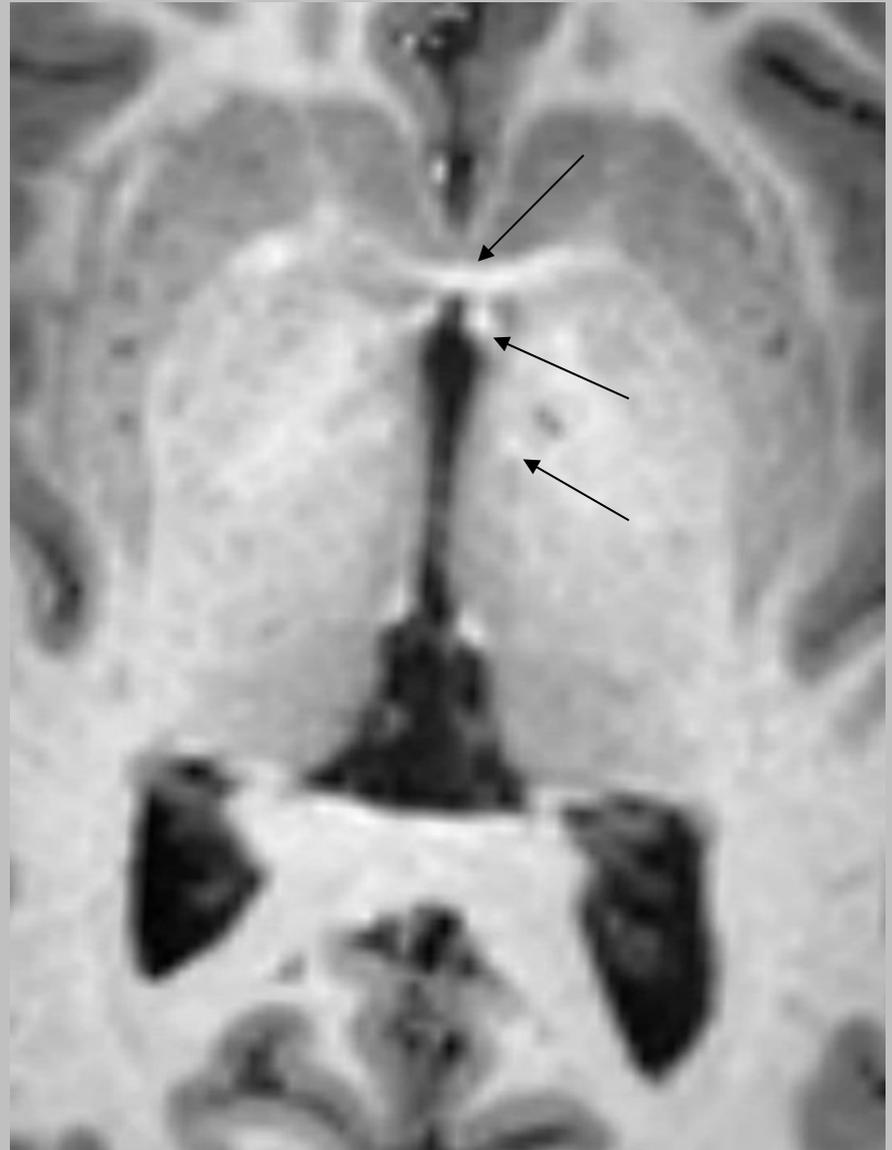
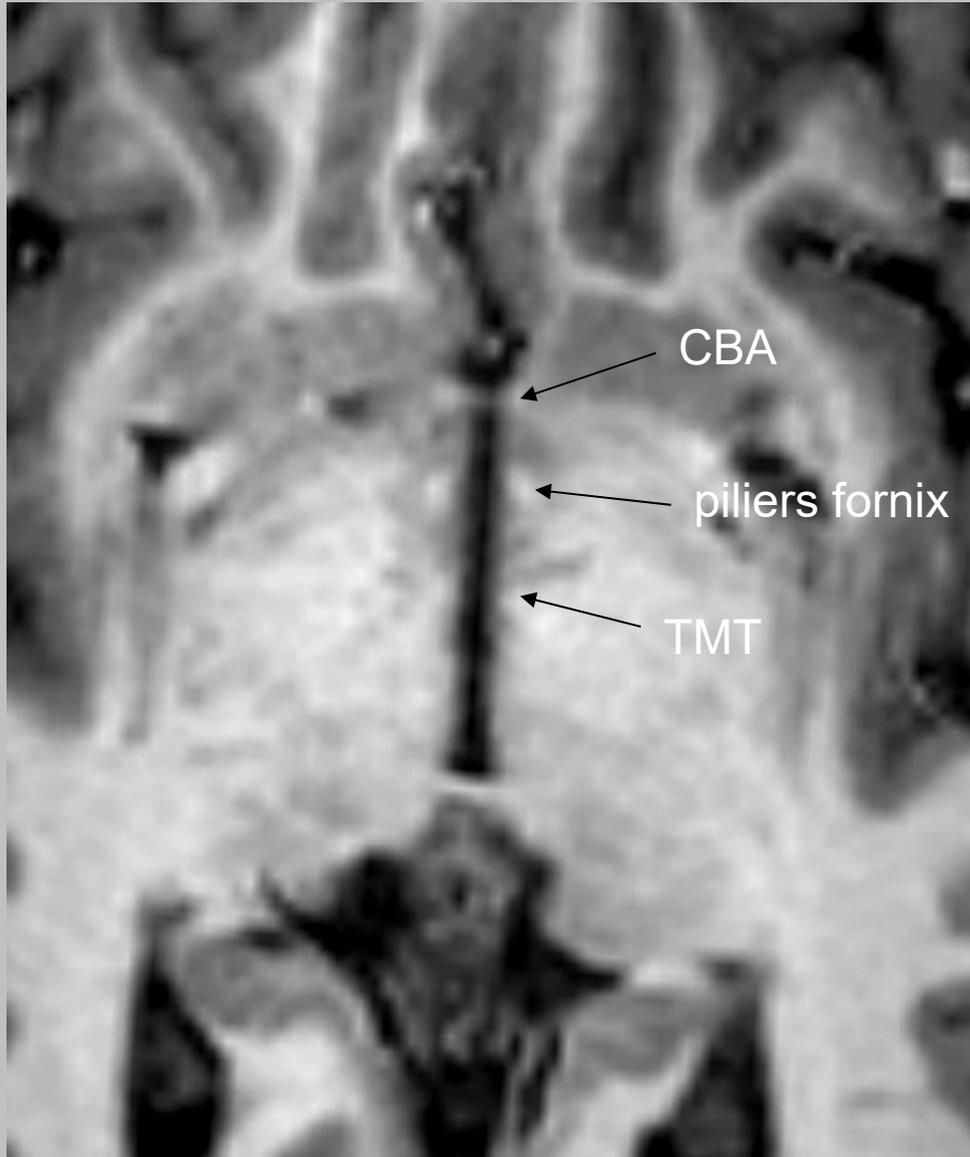


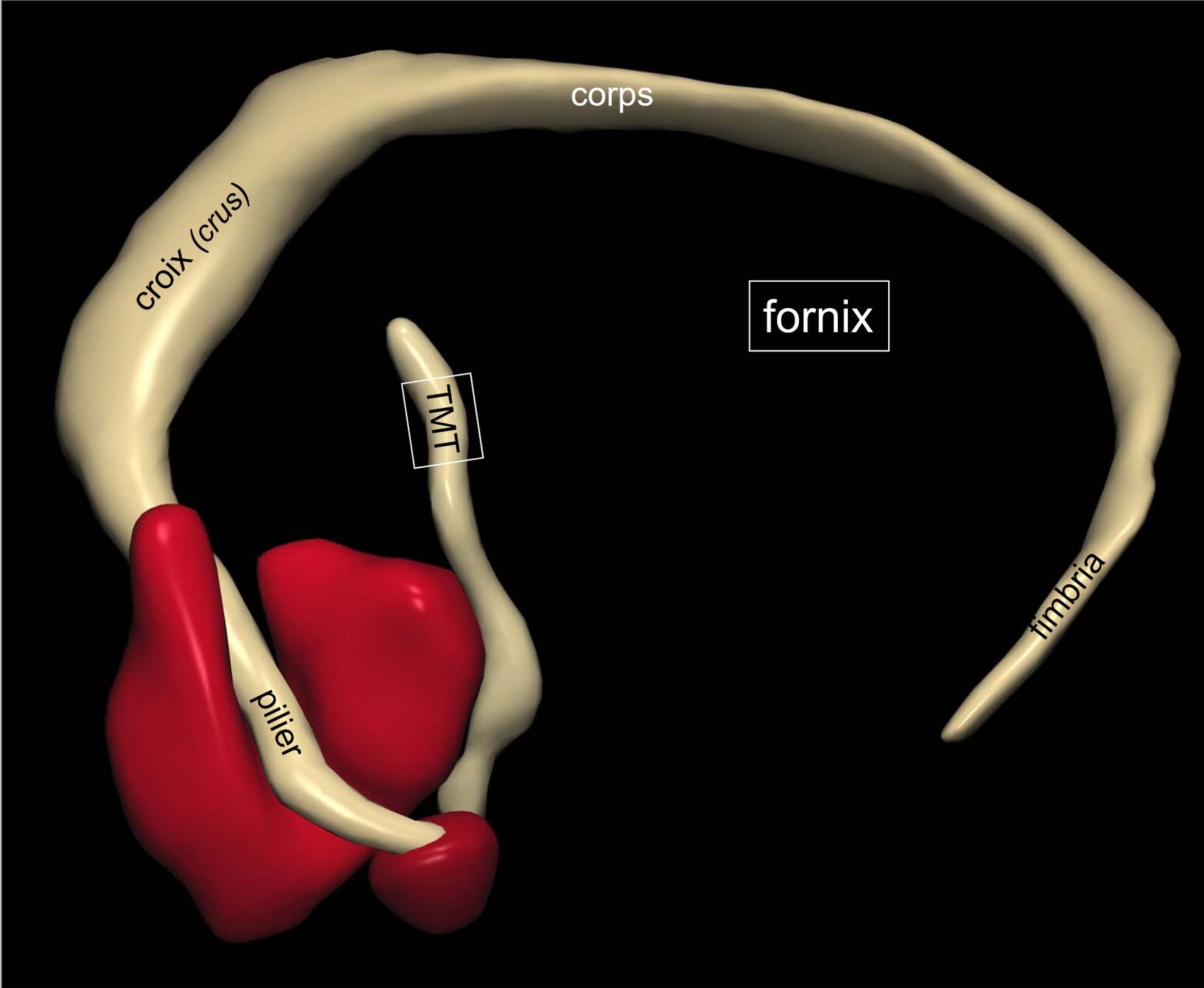


Corps mammillaires









corps

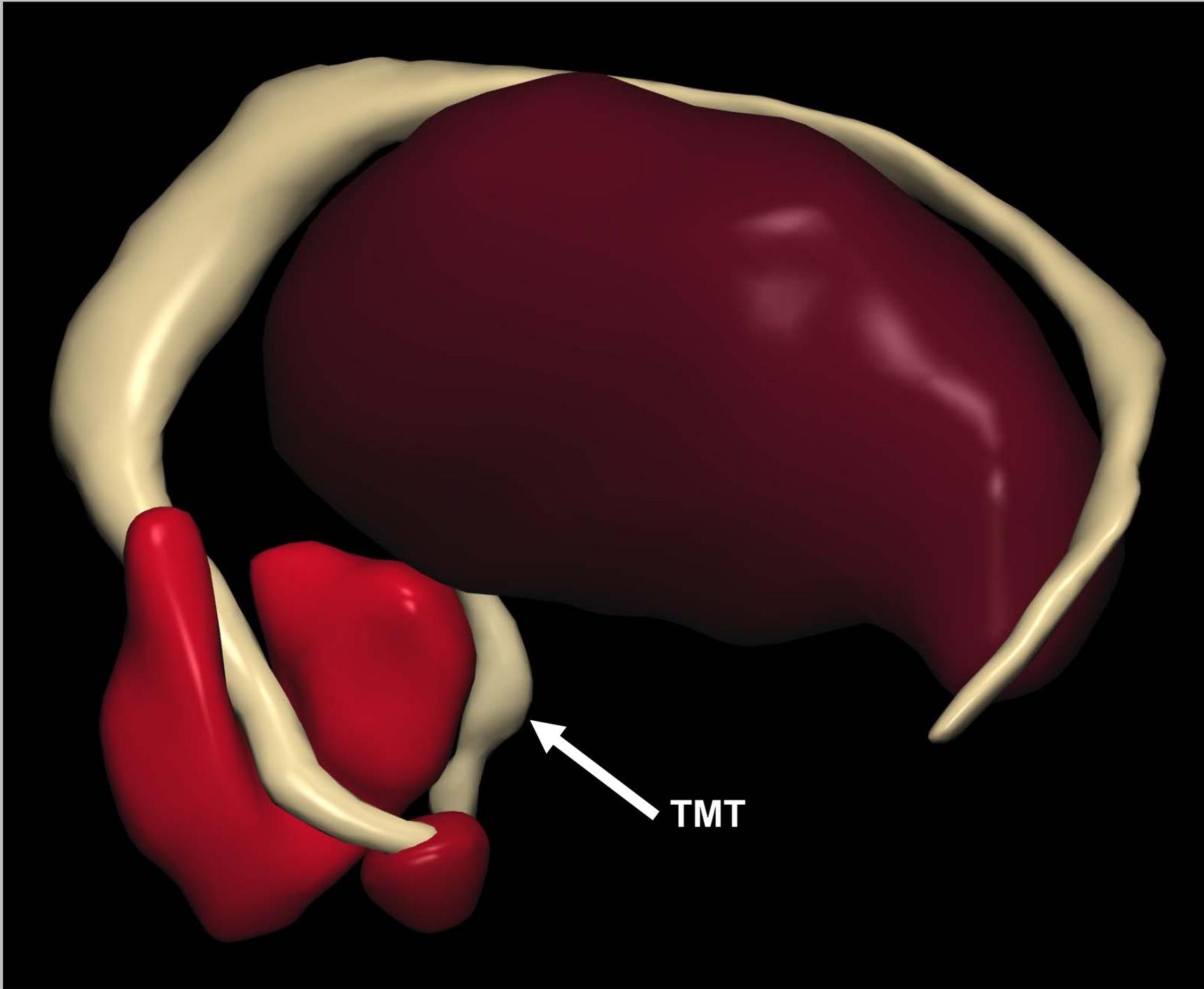
croix (crus)

fornix

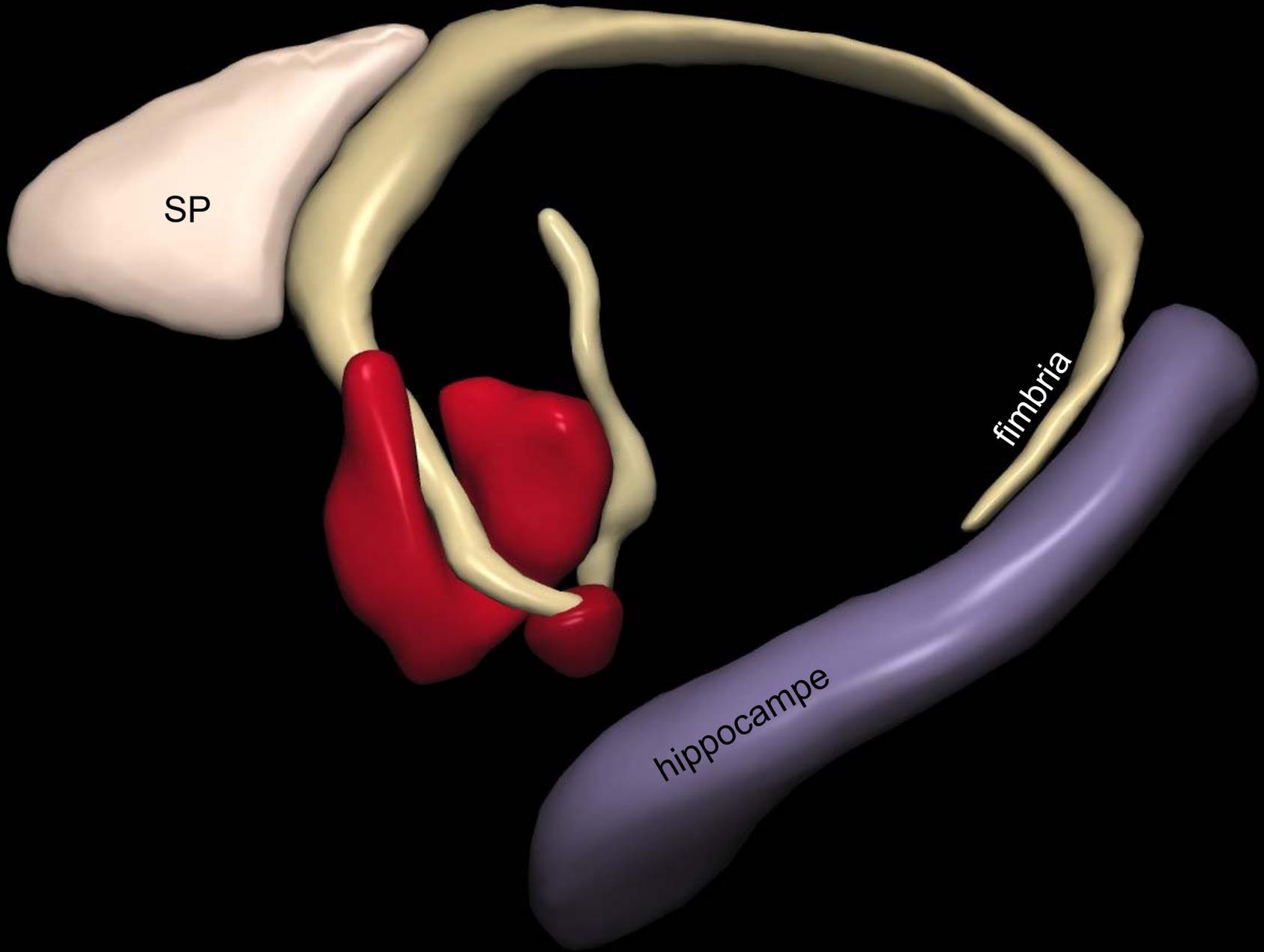
TMT

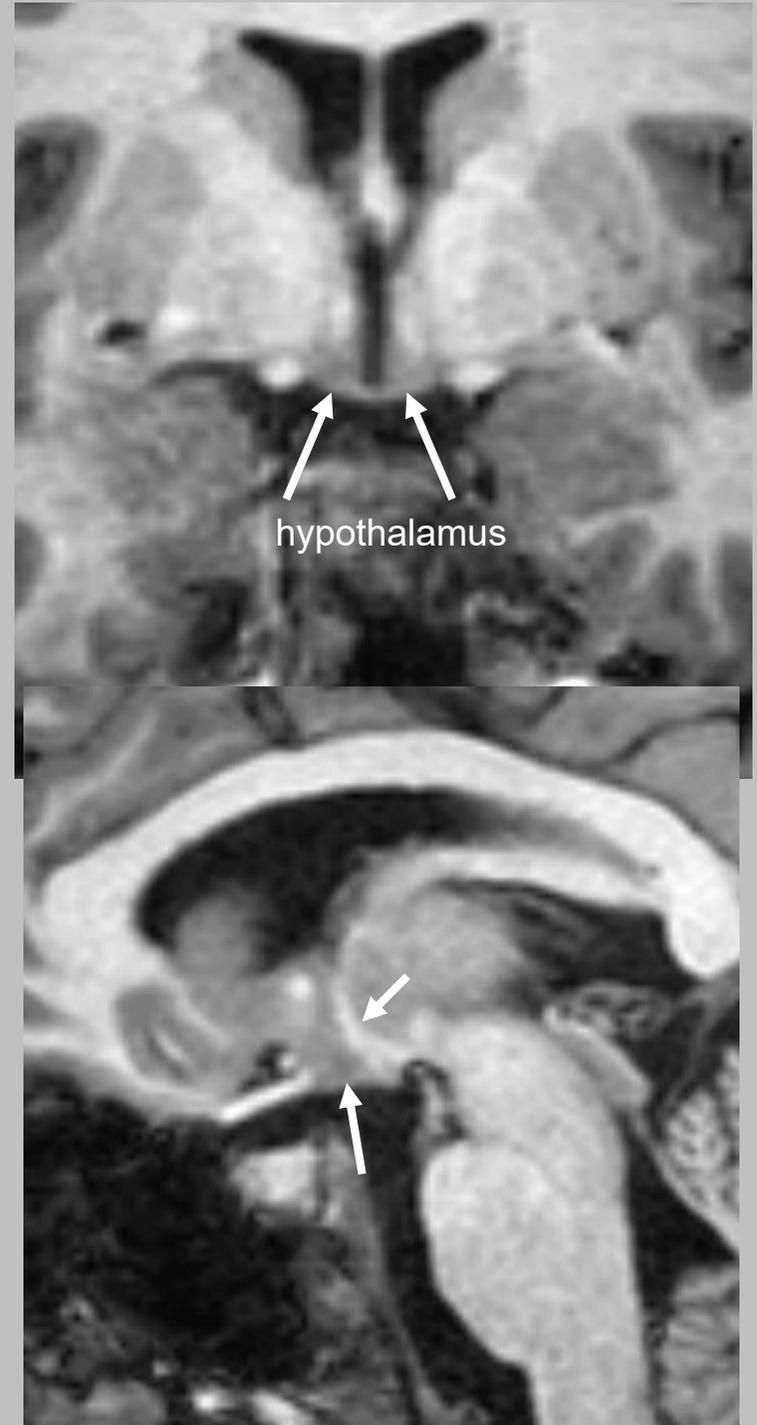
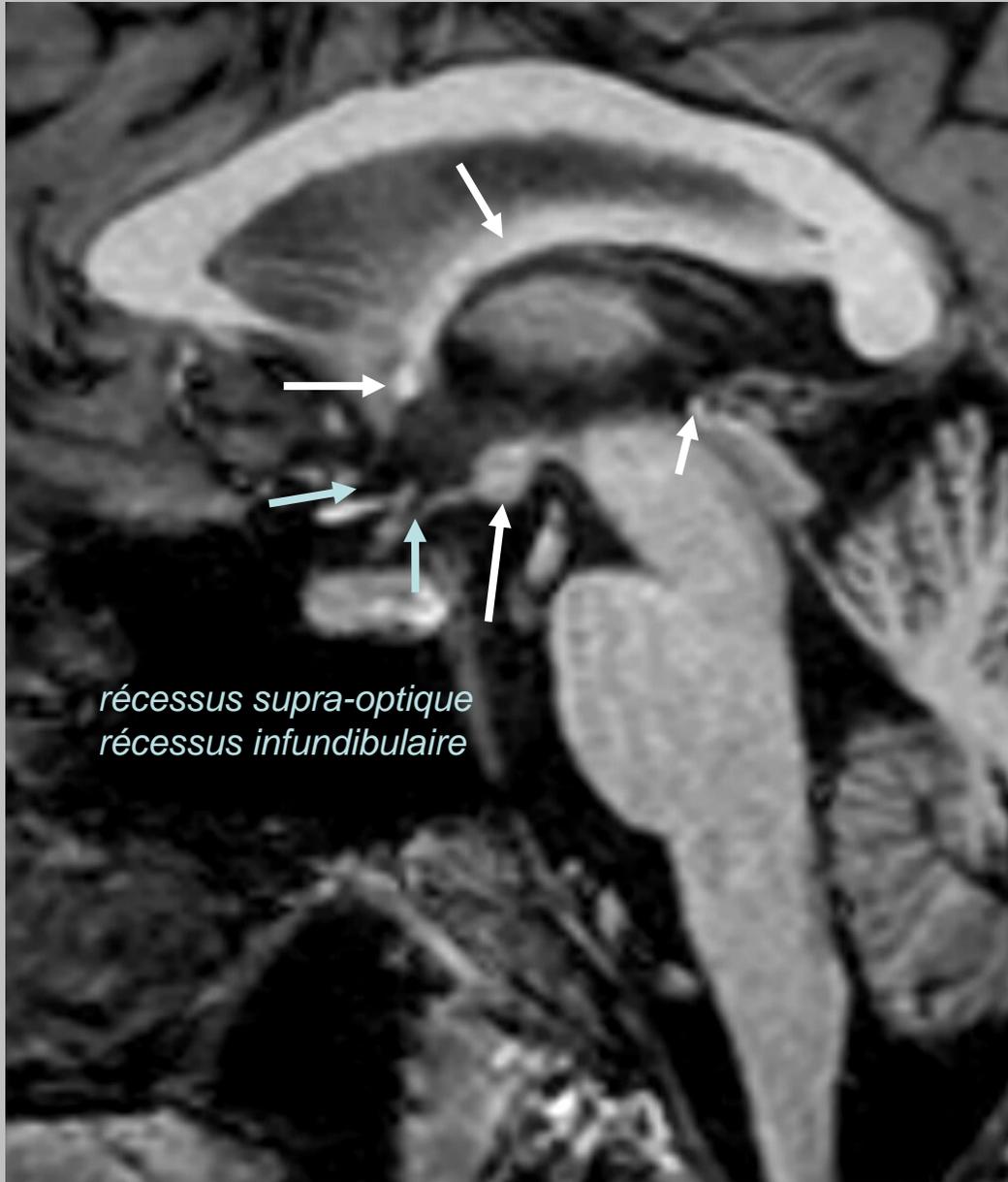
fimbria

pilier



TMT







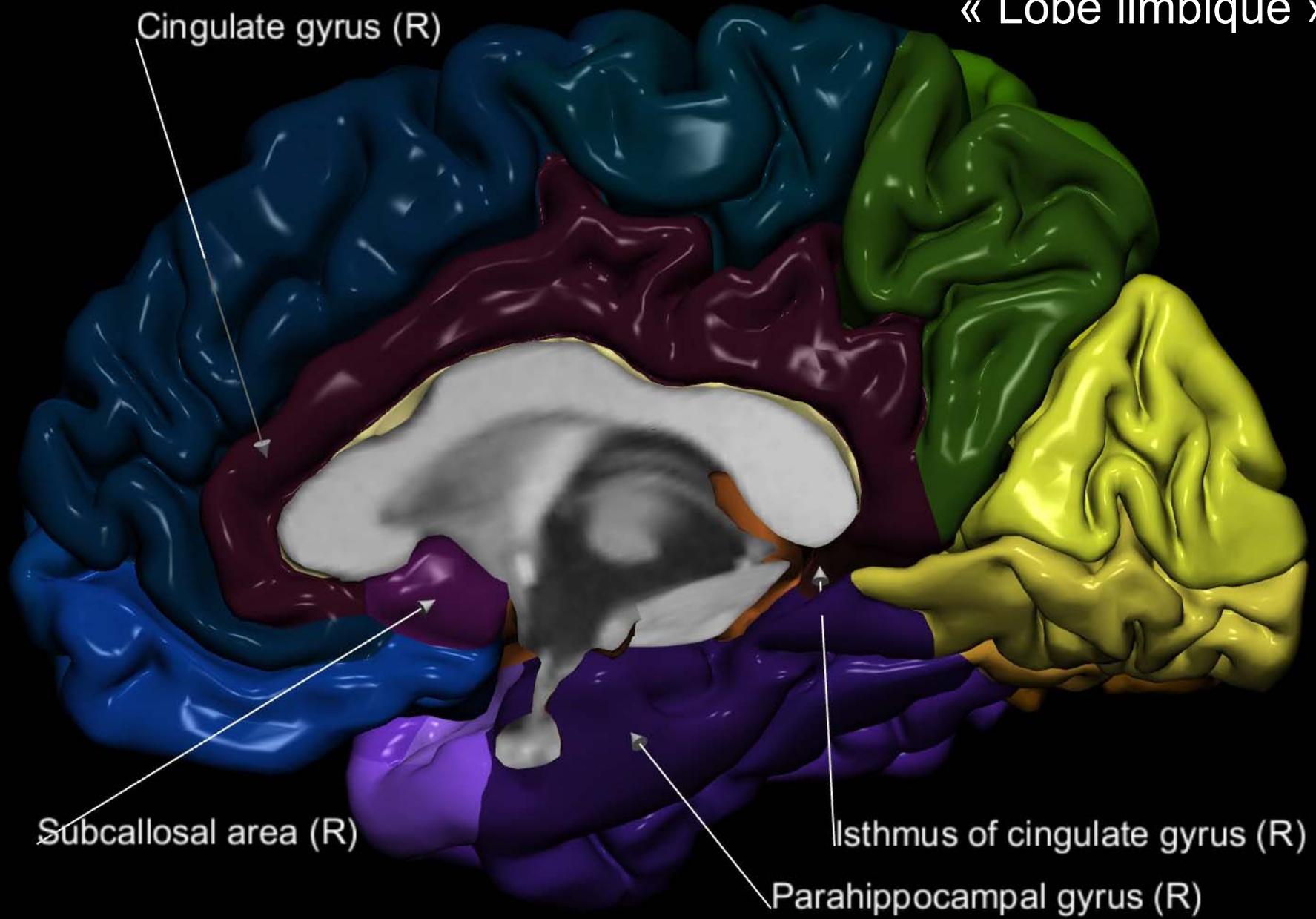
« Lobe limbique »

Cingulate gyrus (R)

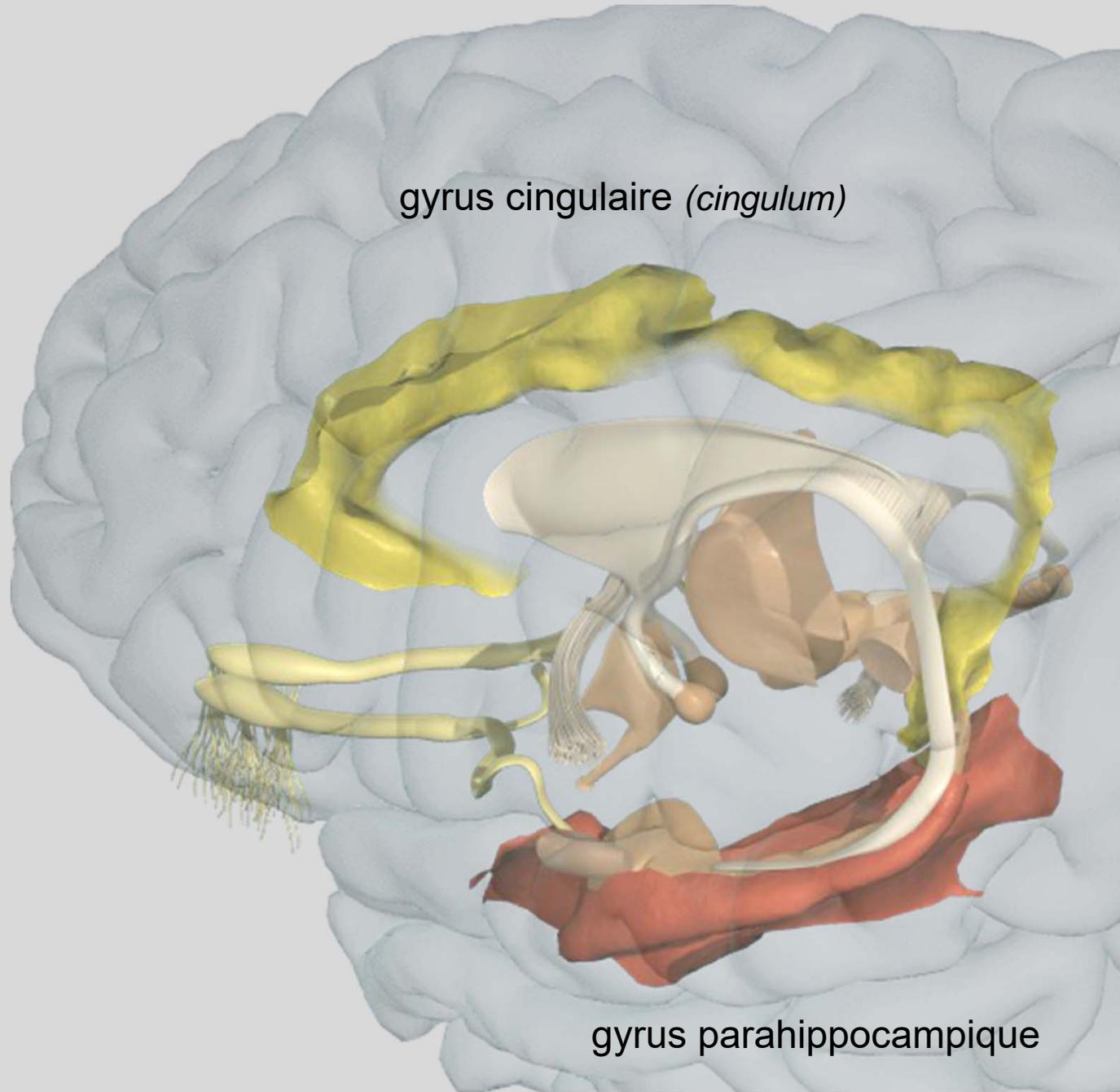
Subcallosal area (R)

Isthmus of cingulate gyrus (R)

Parahippocampal gyrus (R)



gyrus cingulaire (*cingulum*)



gyrus parahippocampique

*Addendum 2*

# Système ventriculaire

