



**Secteur des Sciences de la santé**

**Faculté de Médecine**

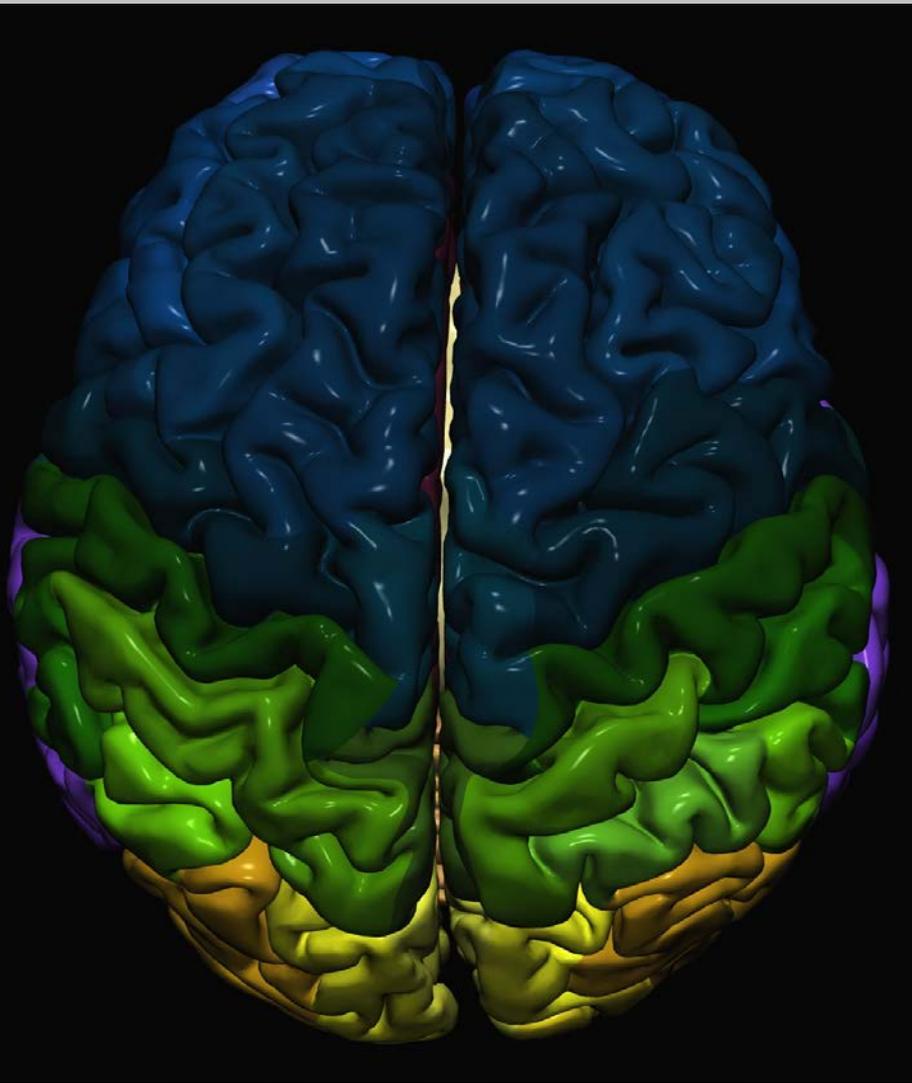
**Cours WMDS ANAT 1311**

**Année académique 2019-2020**

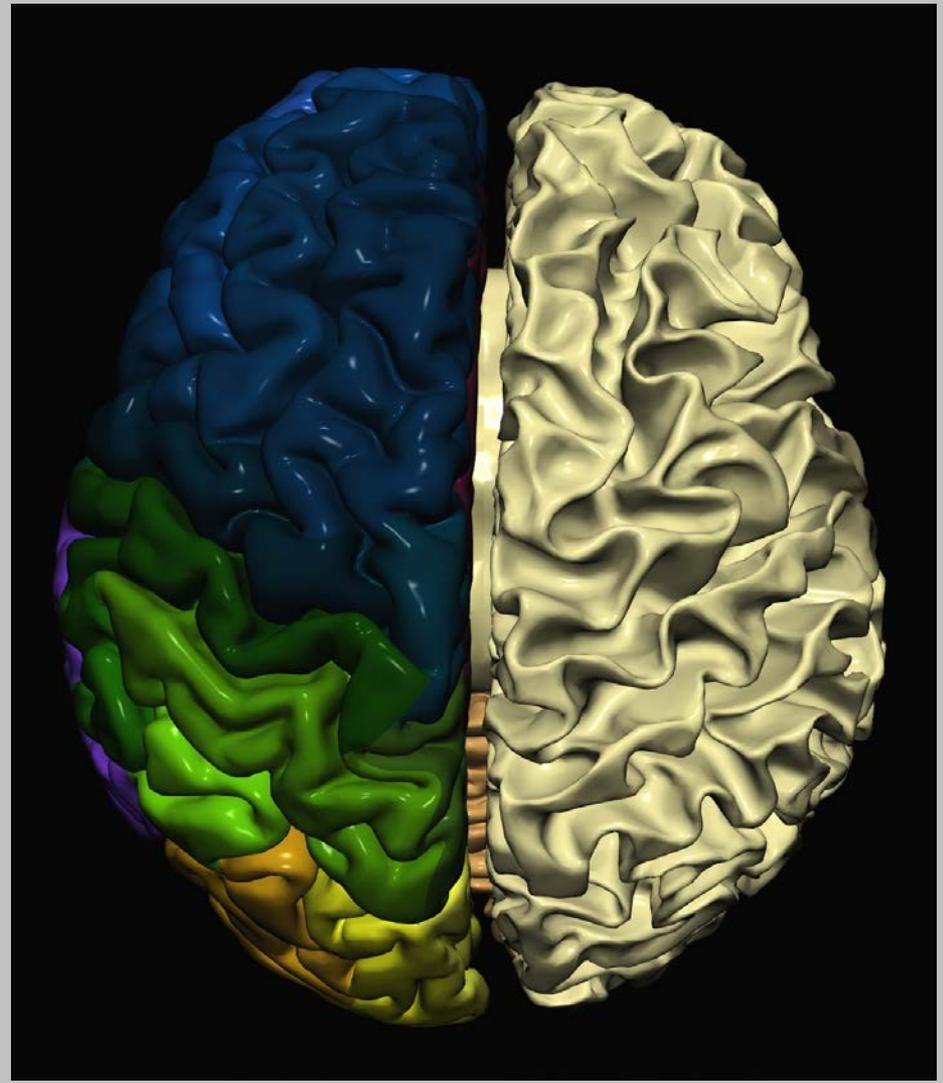
# **Neuroanatomie radiologique**

**Pr. Thierry DUPREZ**

**Module 4: anatomie de la sous-corticalité**

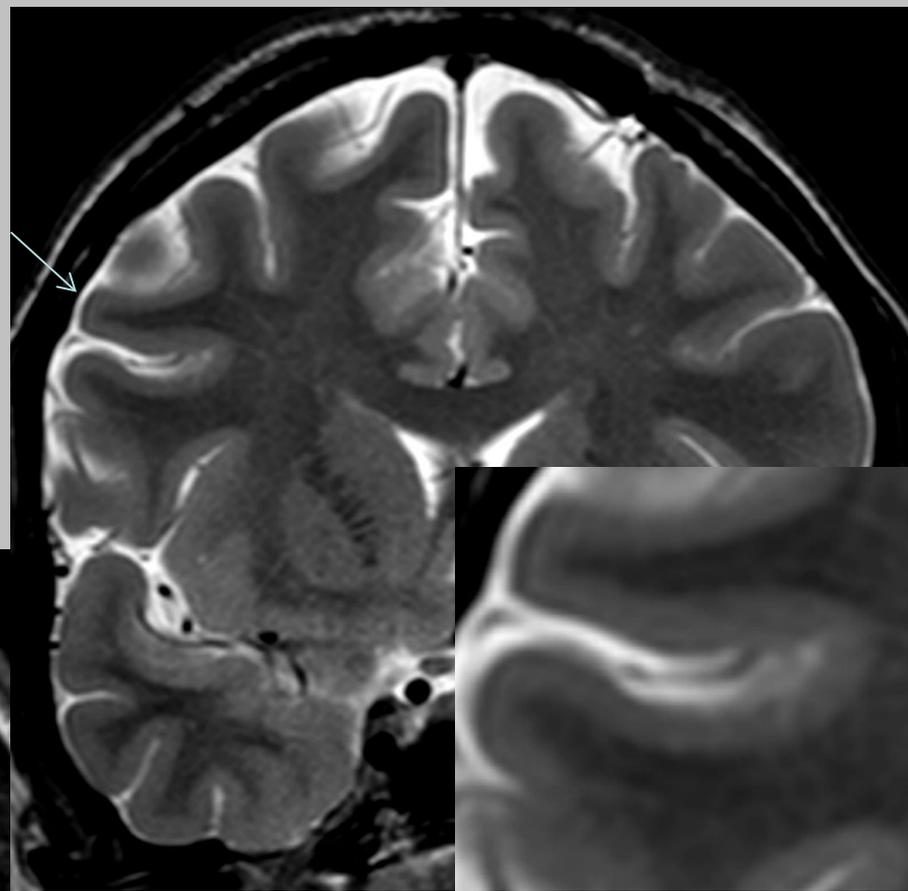


**Surface corticale**

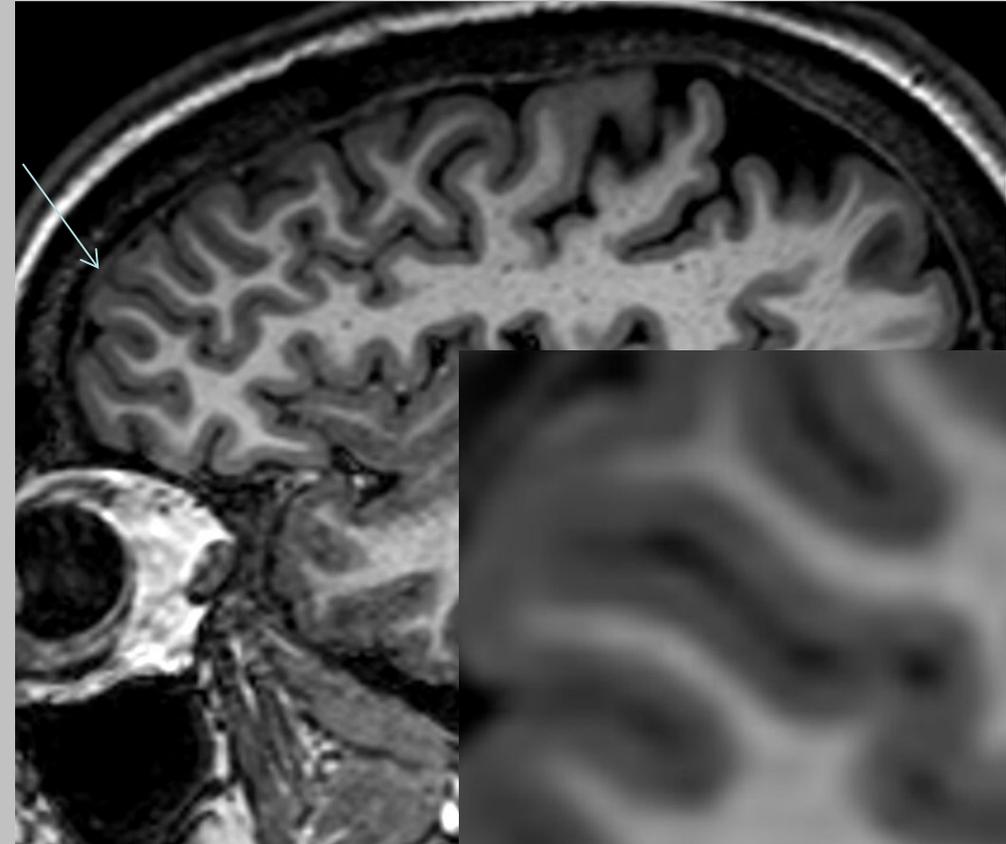


**Décortication:**  
substance blanche sous-corticale

Corticalité en pondération T1



Corticalité en pondération T2





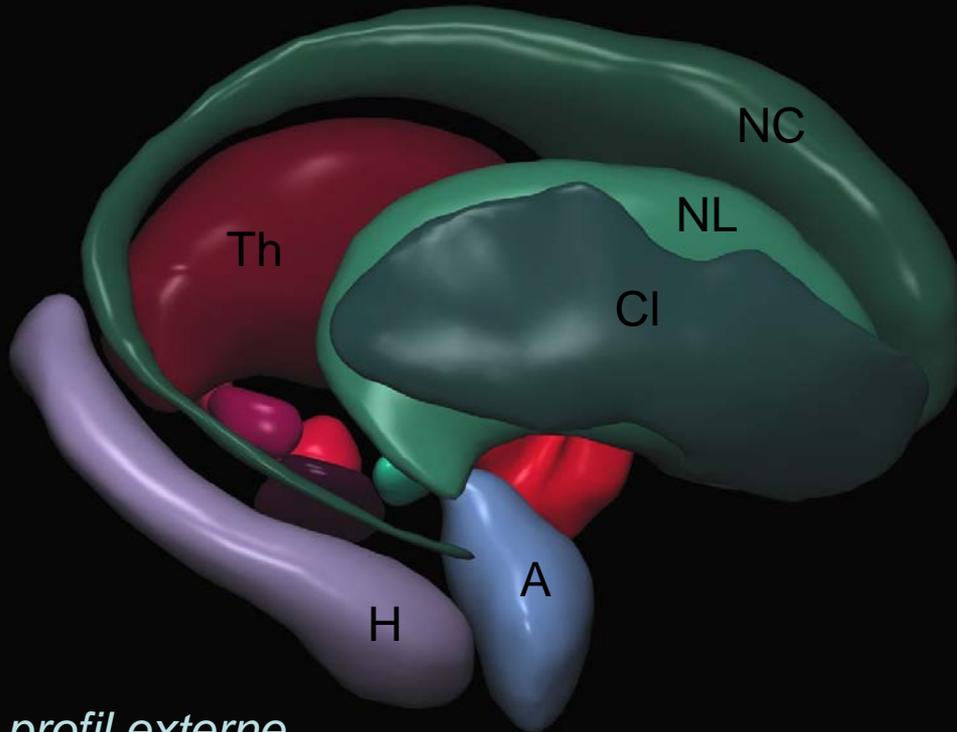
Ablation de la SB: **structures profondes**



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

# Noyaux Gris Centraux

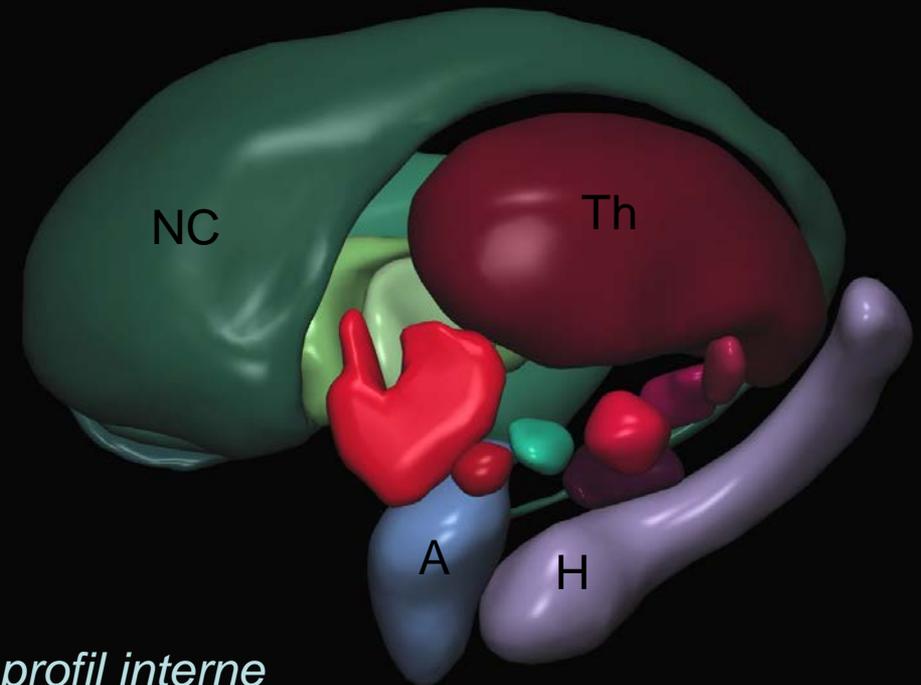
**C**lastrum  
**N**oyau **C**audé  
**N**oyau **L**enticulaire  
**T**halamus



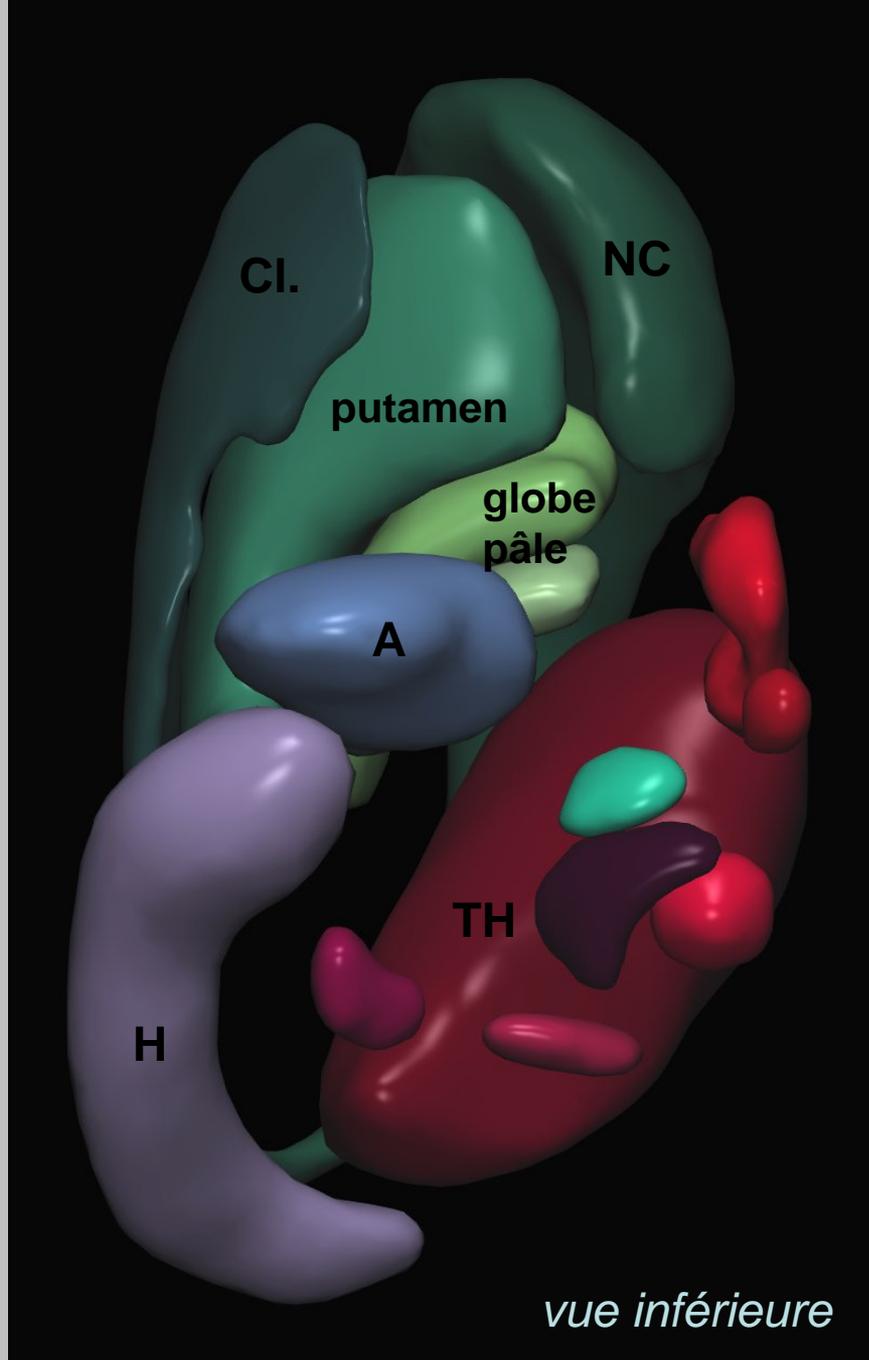
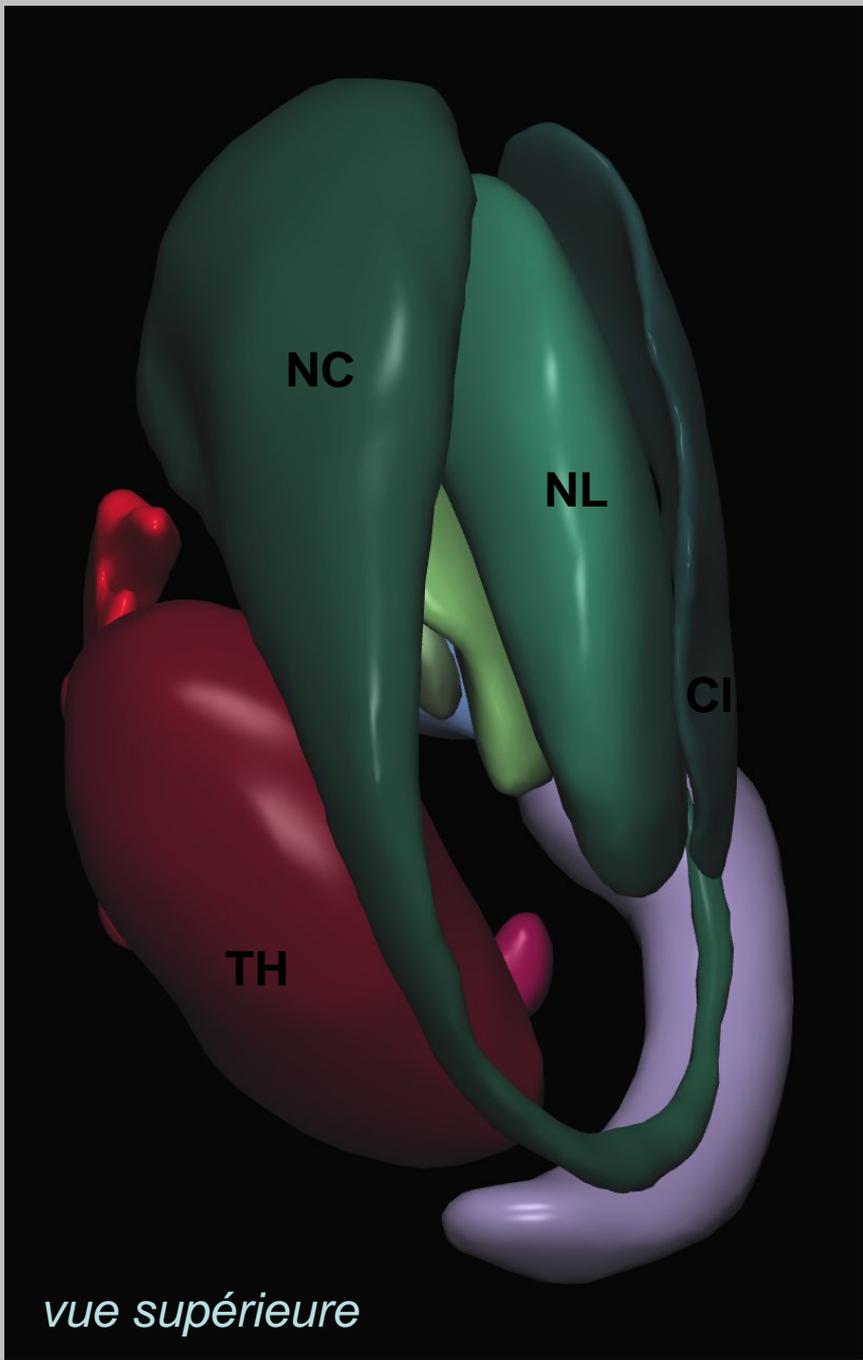
*profil externe*

## Gyri du 'cerveau primitif'

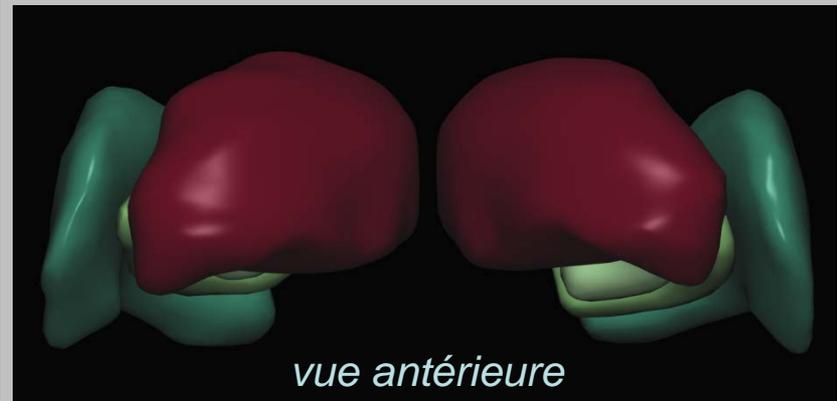
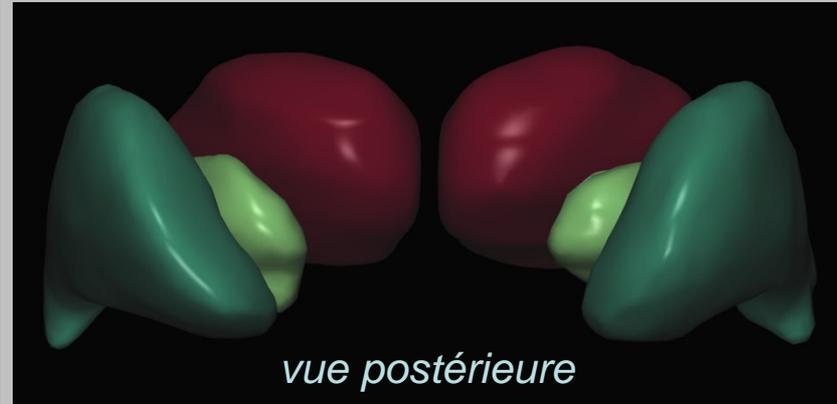
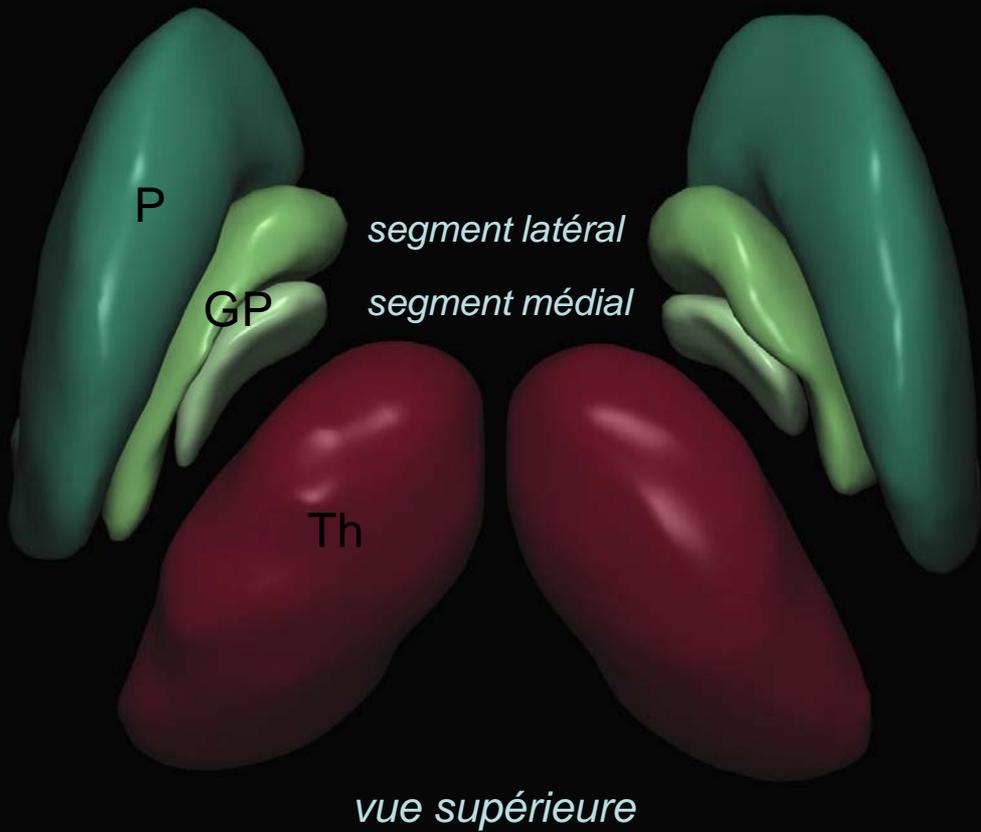
**H**ippocampe  
**A**mygdale



*profil interne*

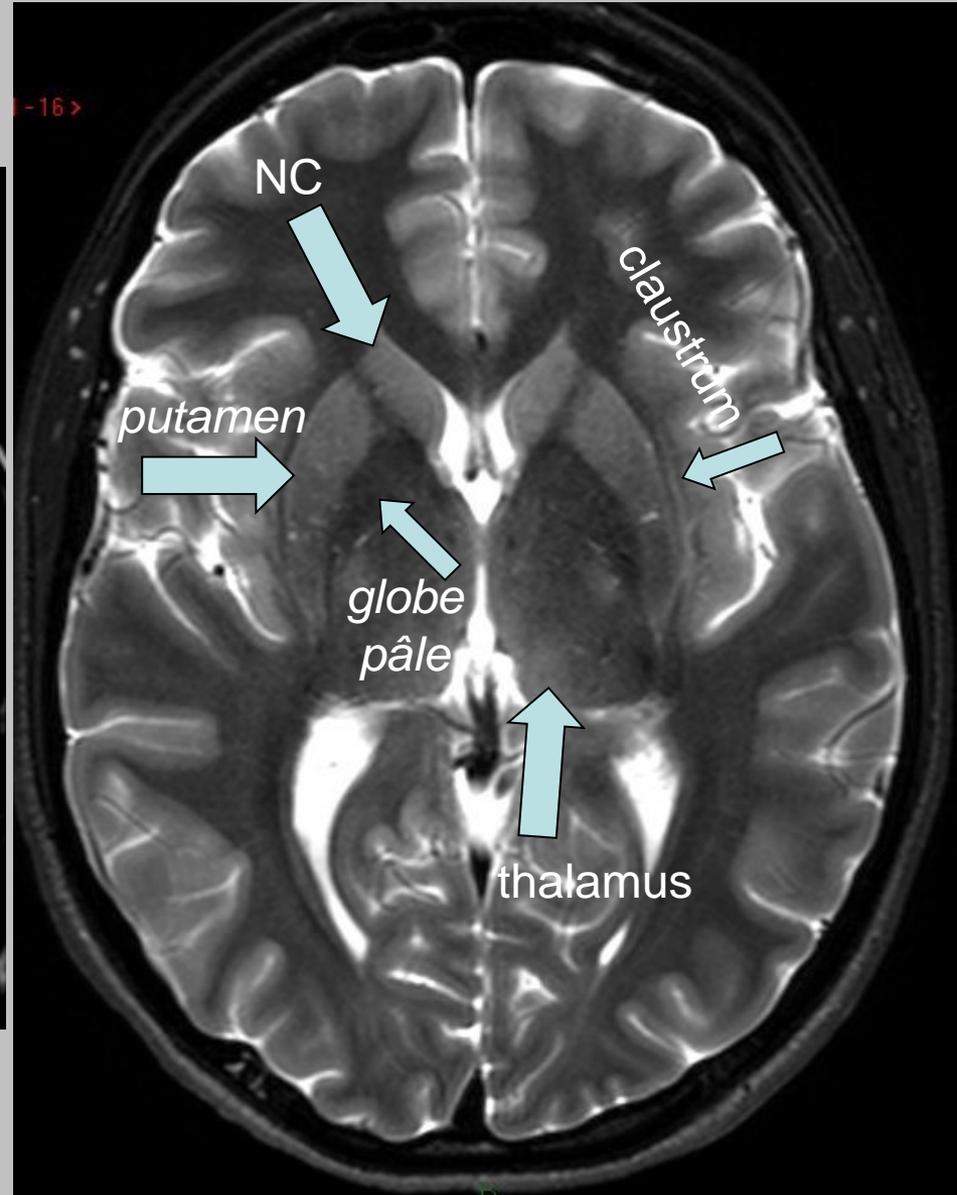
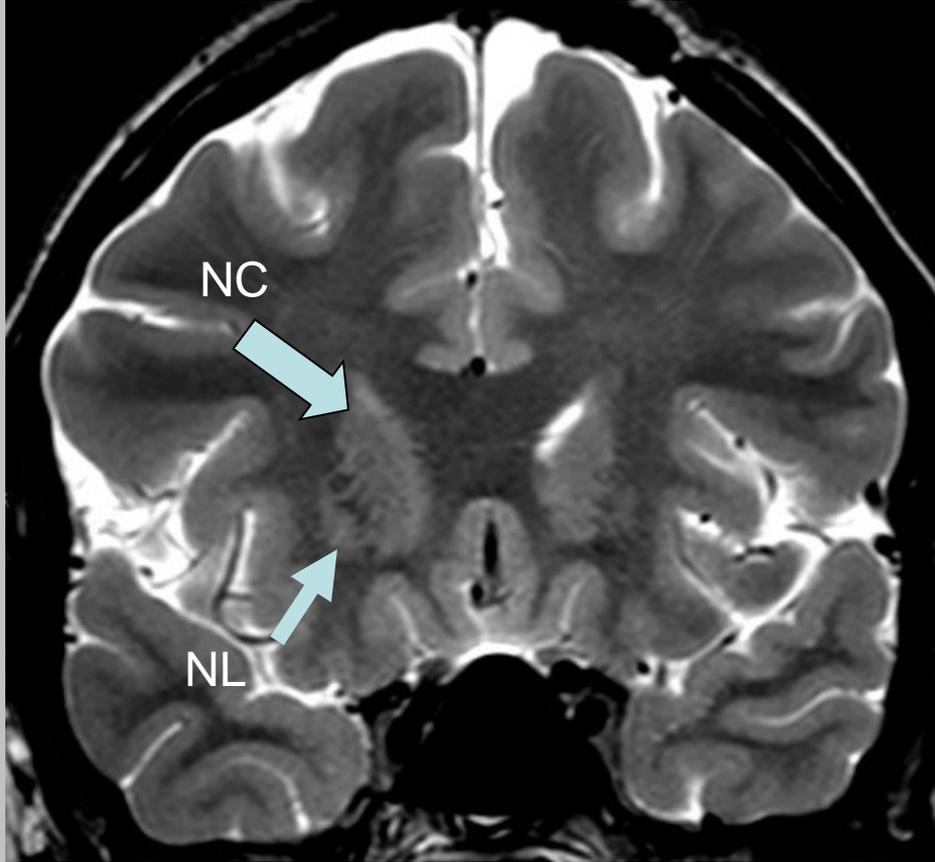


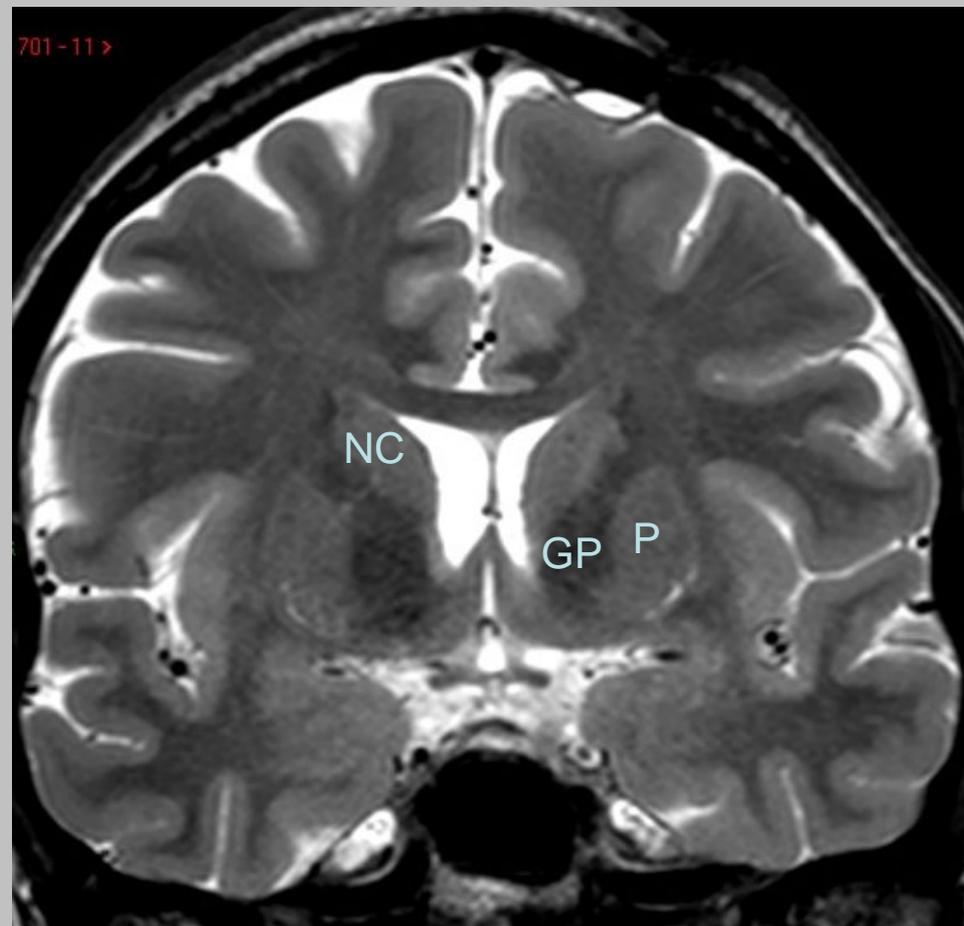
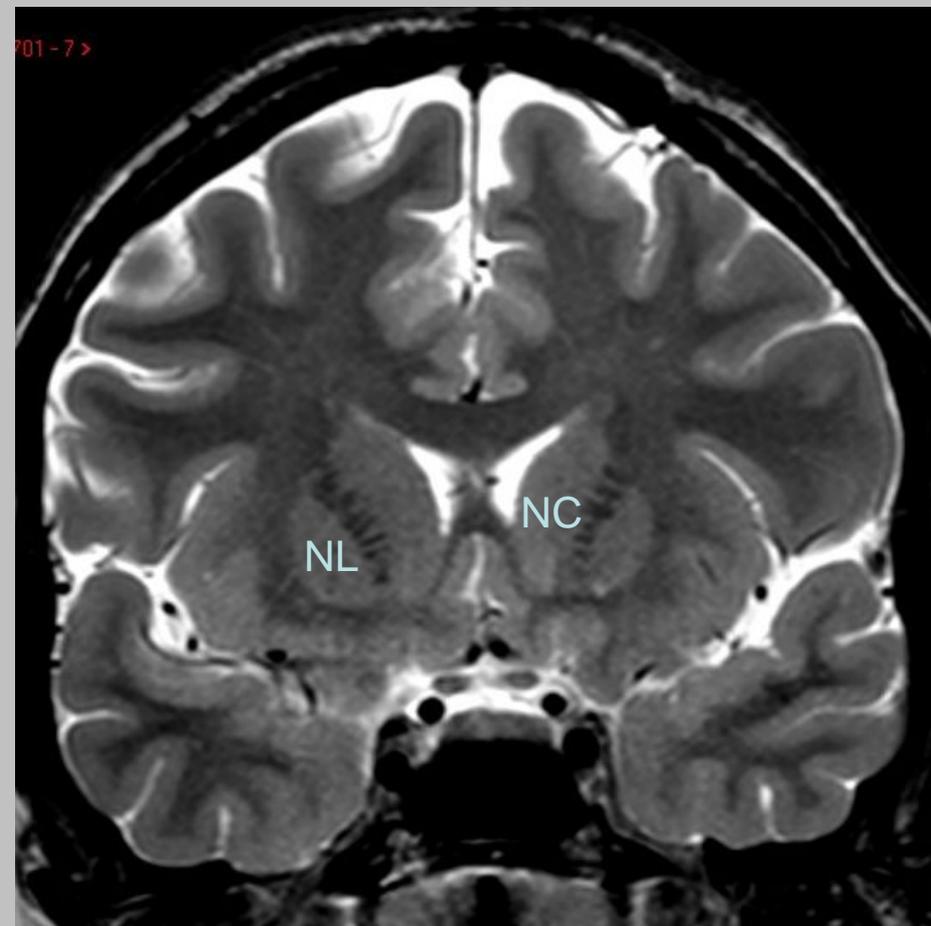
## Thalamus + noyau lenticulaire

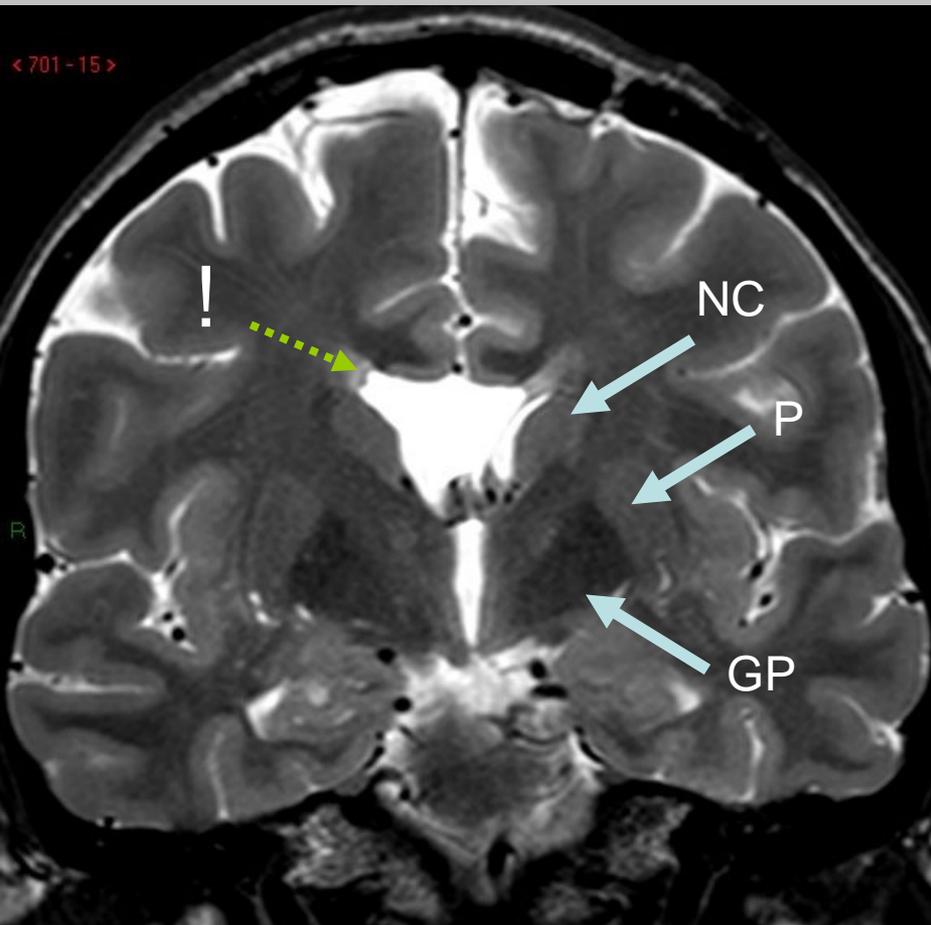


## Noyau lenticulaire

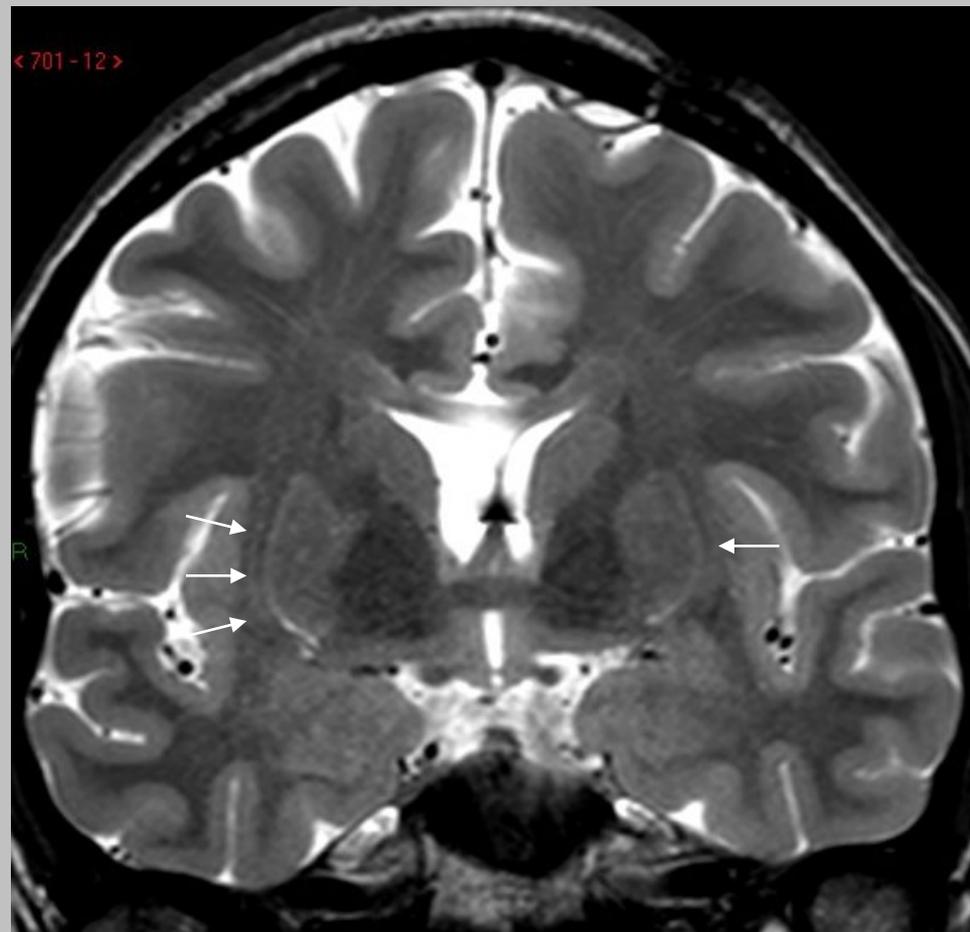
- Putamen (latéral)
- Globe pâle (medial)







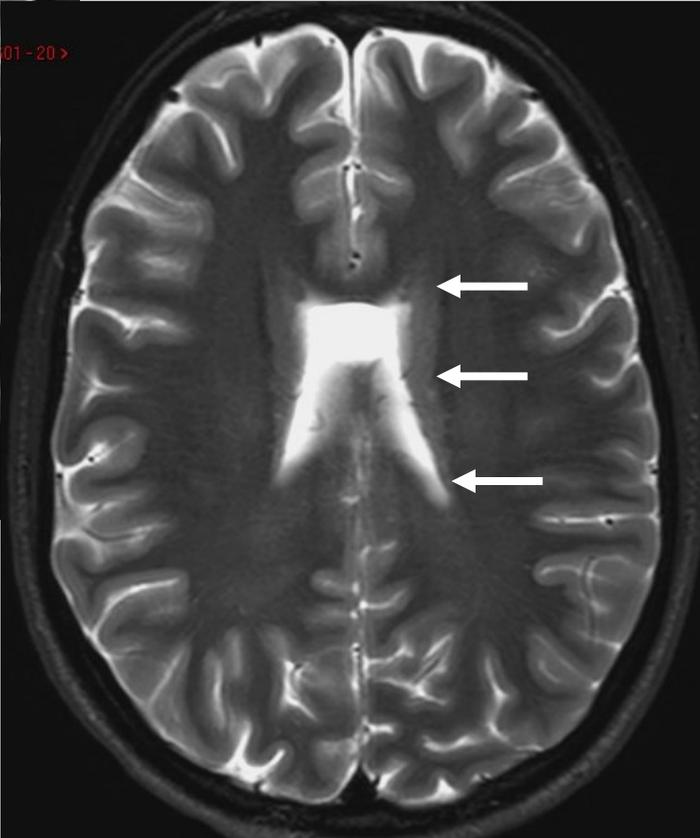
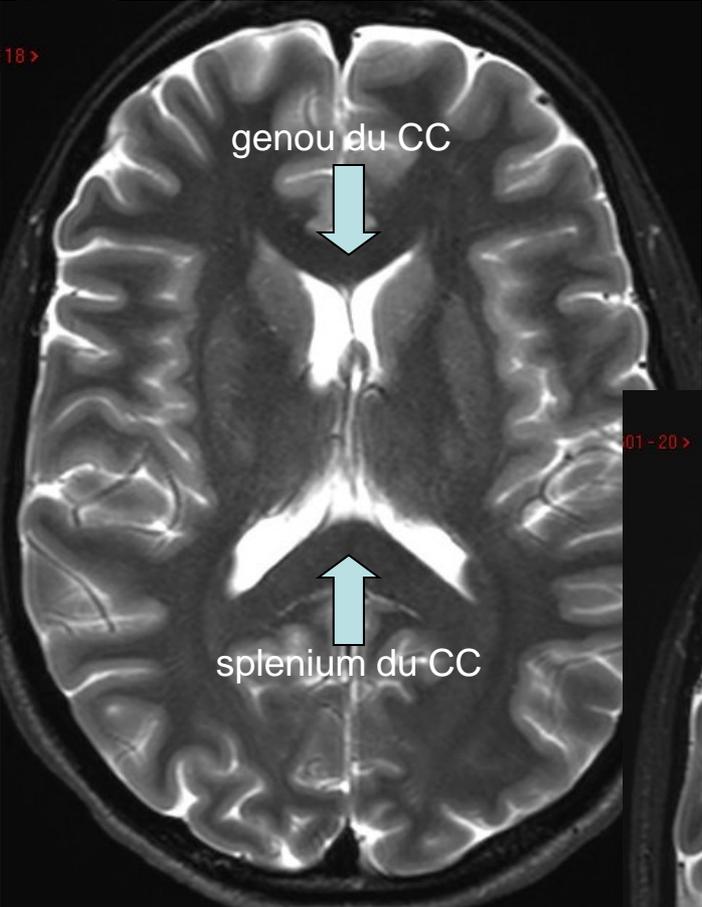
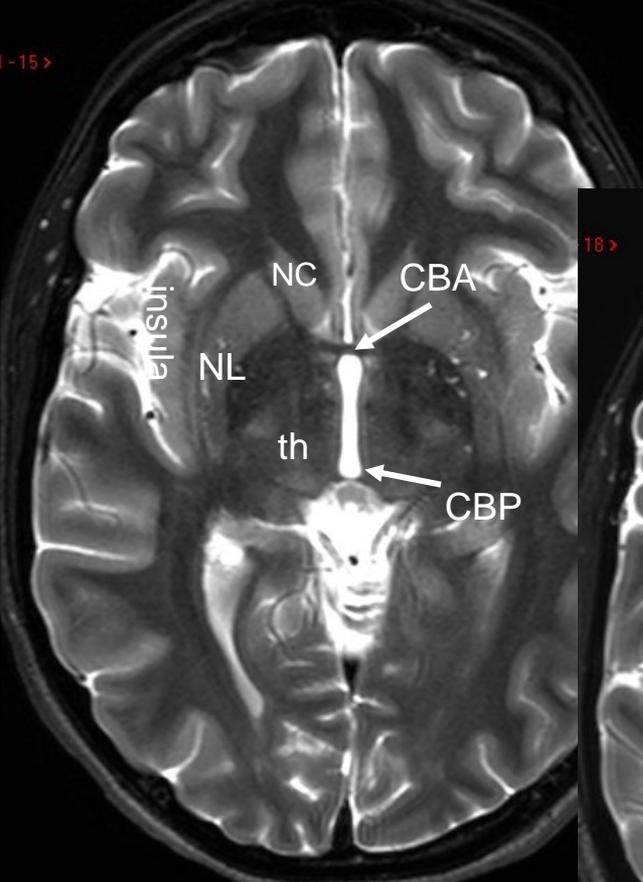
! exérèse focale partielle du CC



claustrum



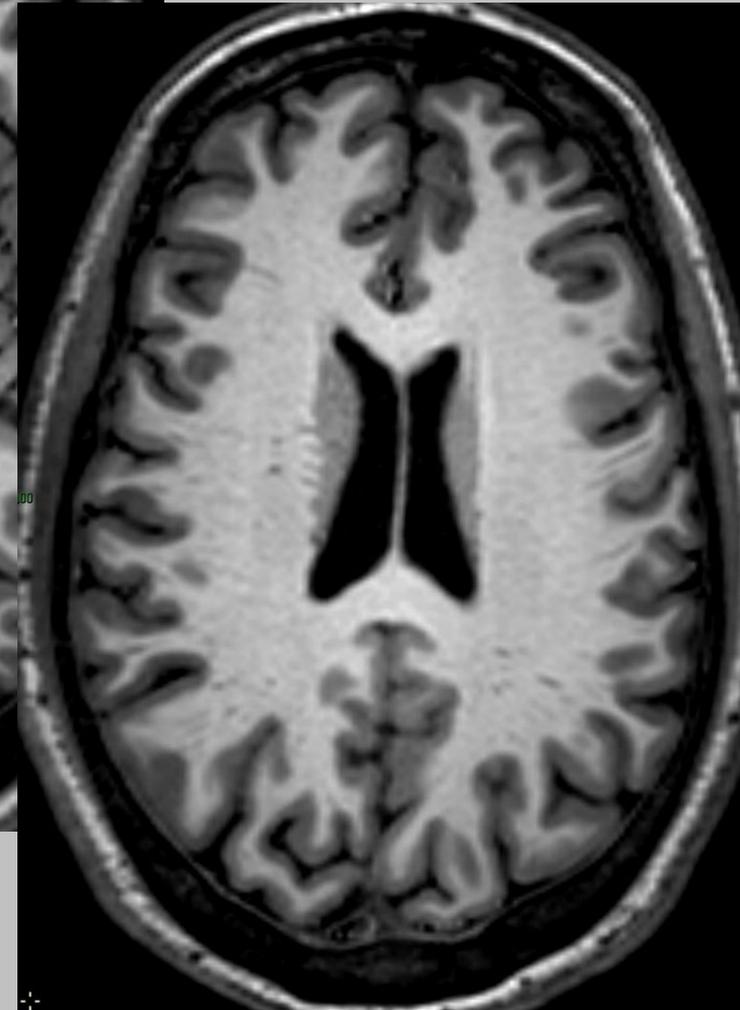
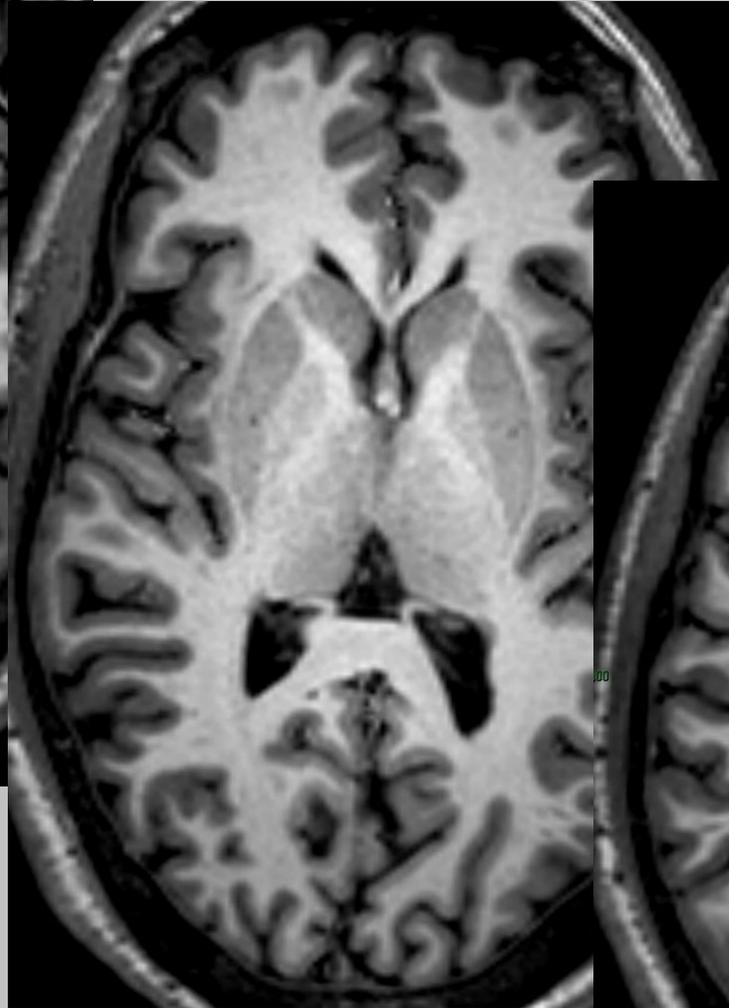
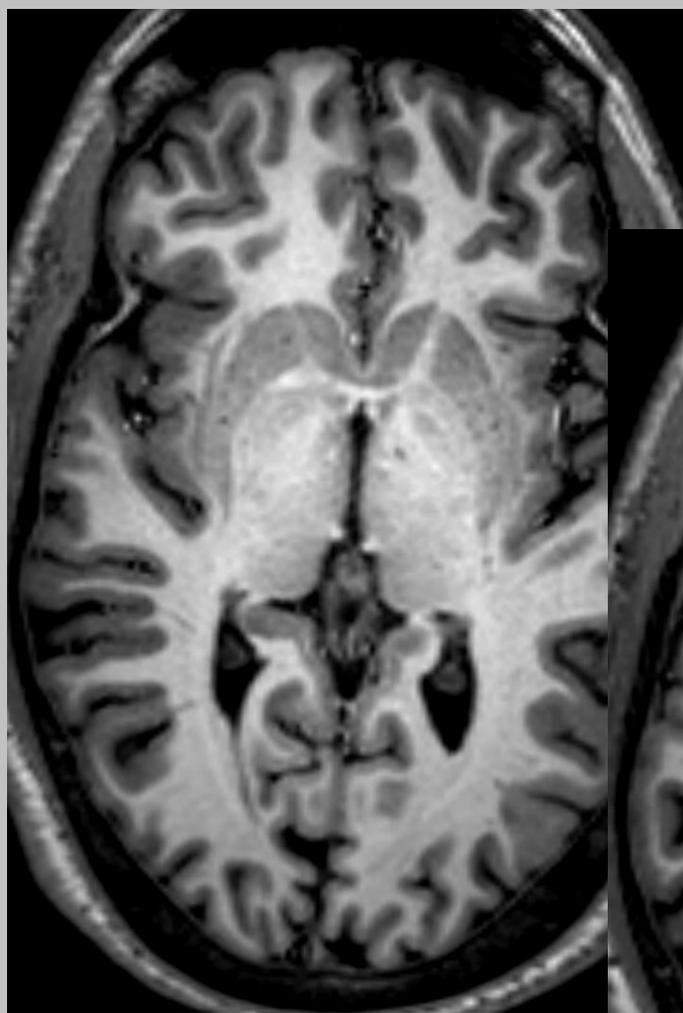
IRM – pondération T2



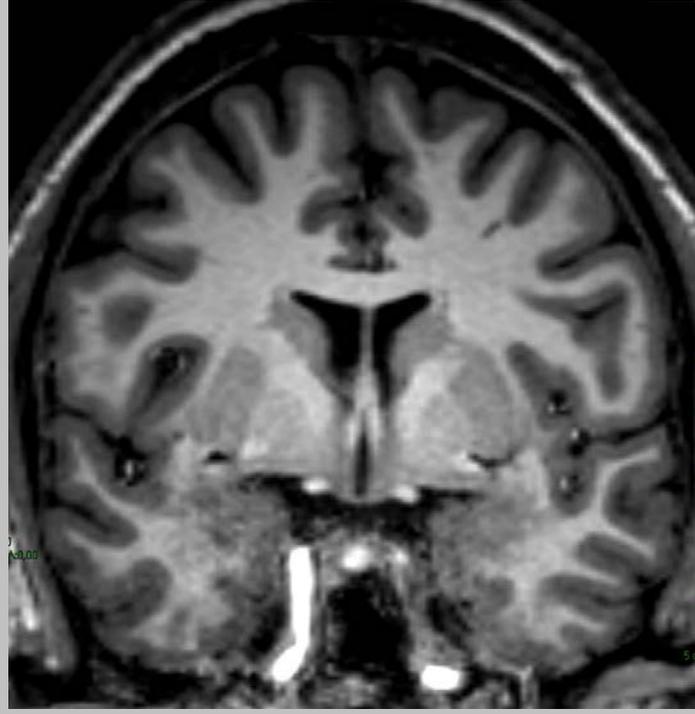
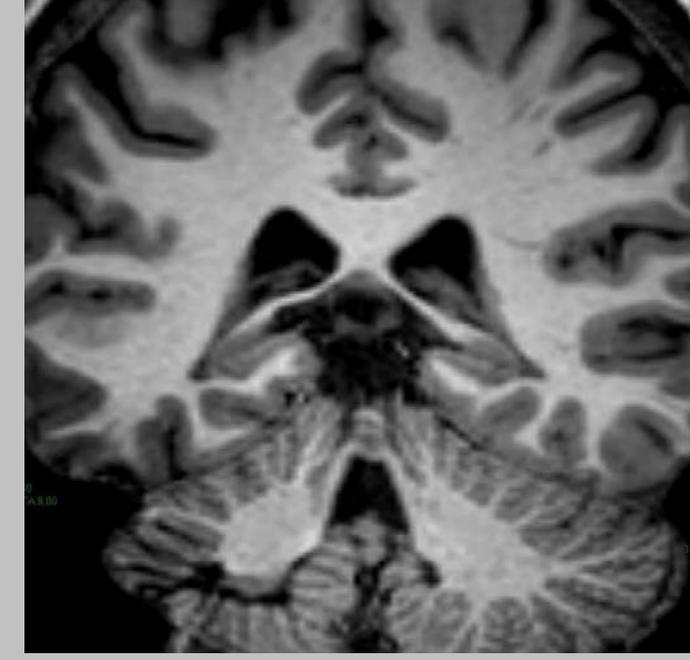
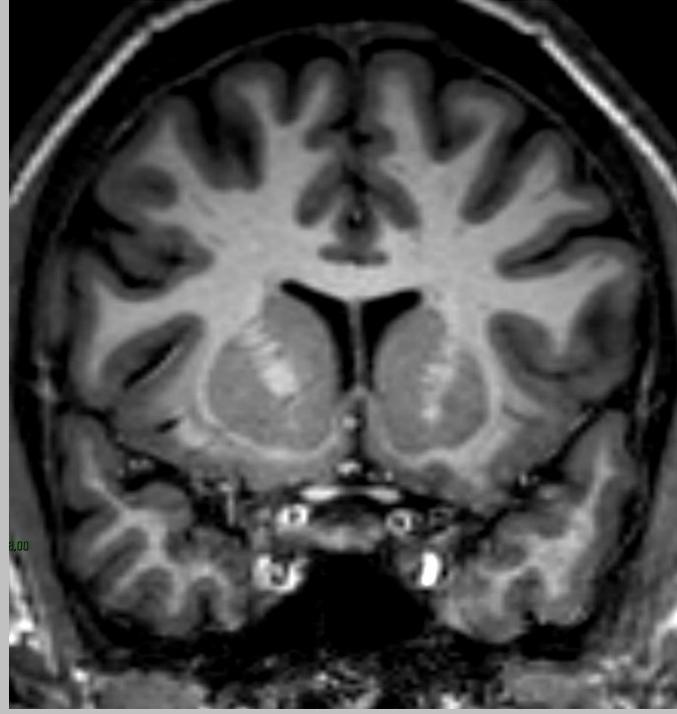
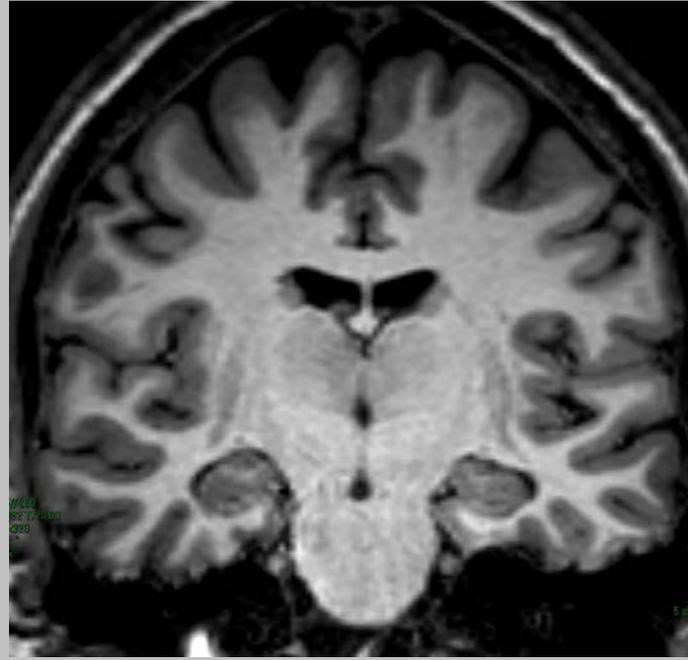
# IRM – pondération T1

## Capsule interne

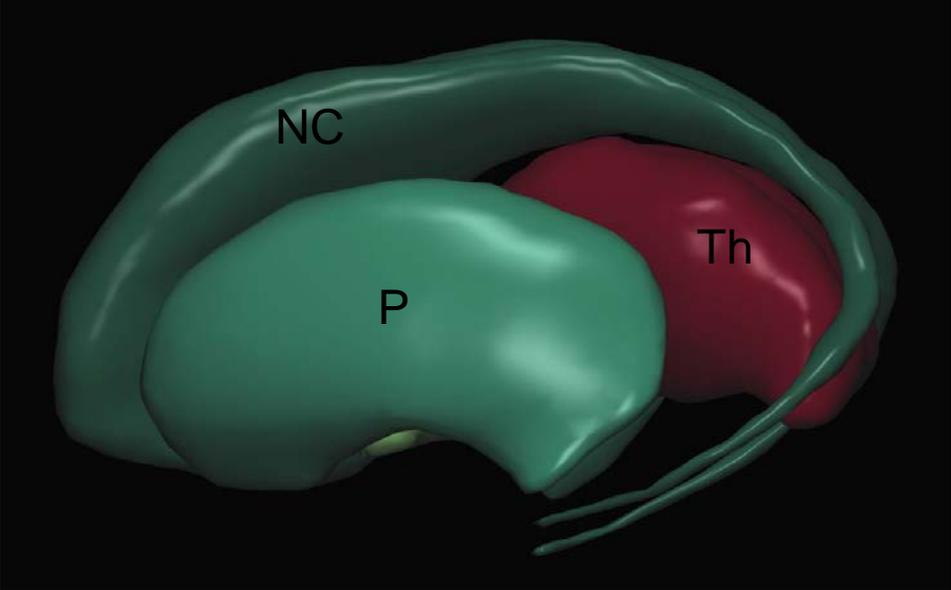
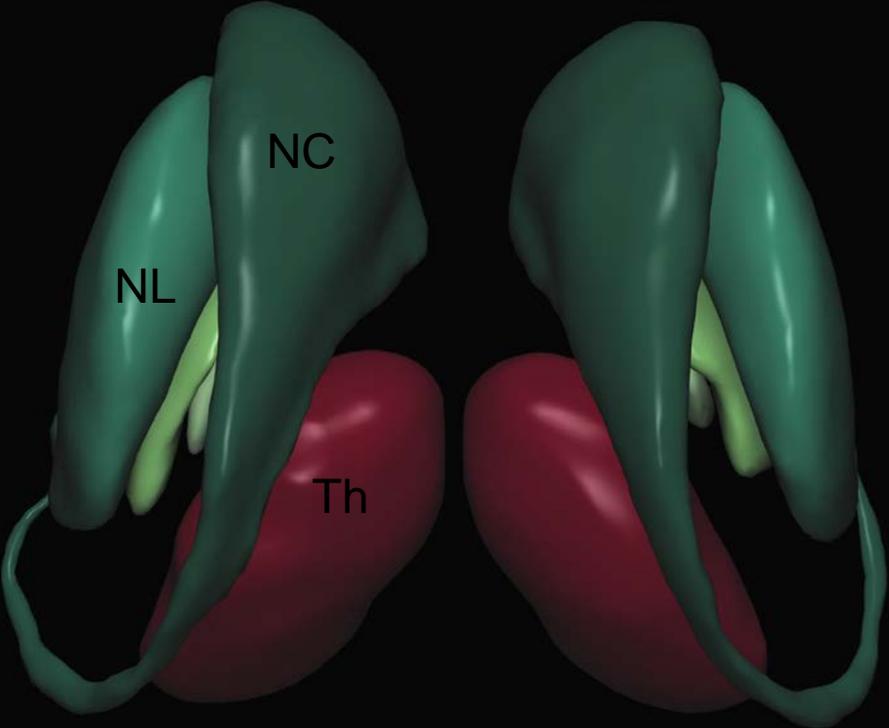
- Bras antérieur
- Genou
- Bras postérieur

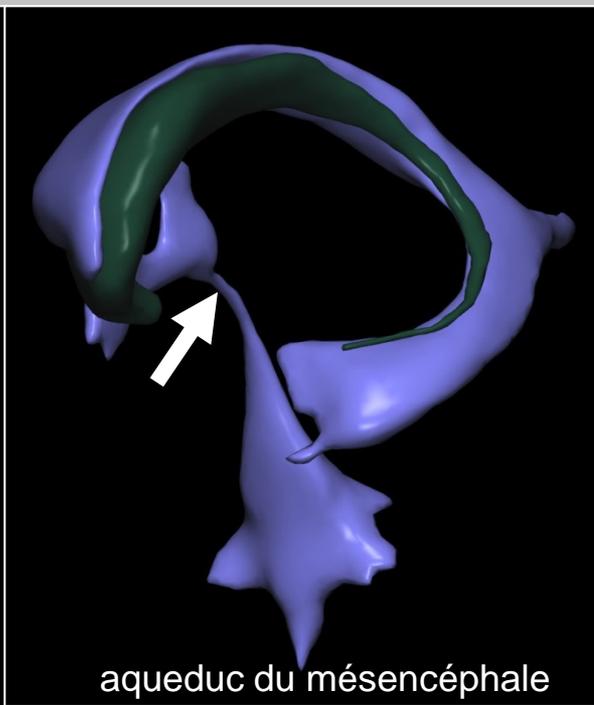
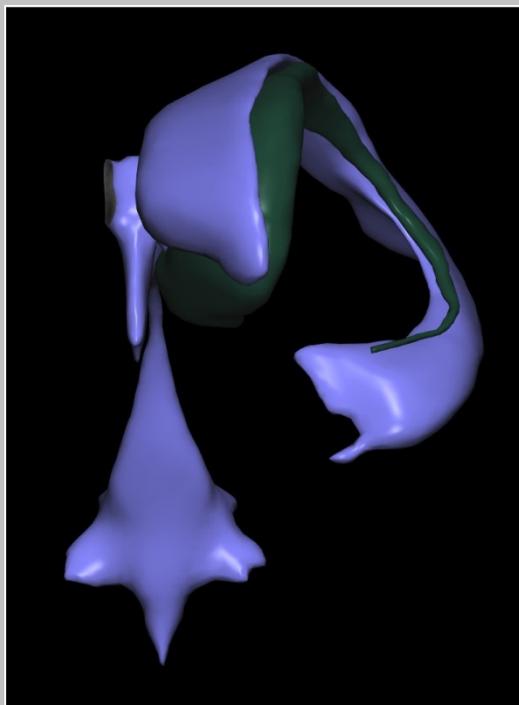


# IRM – pondération T1

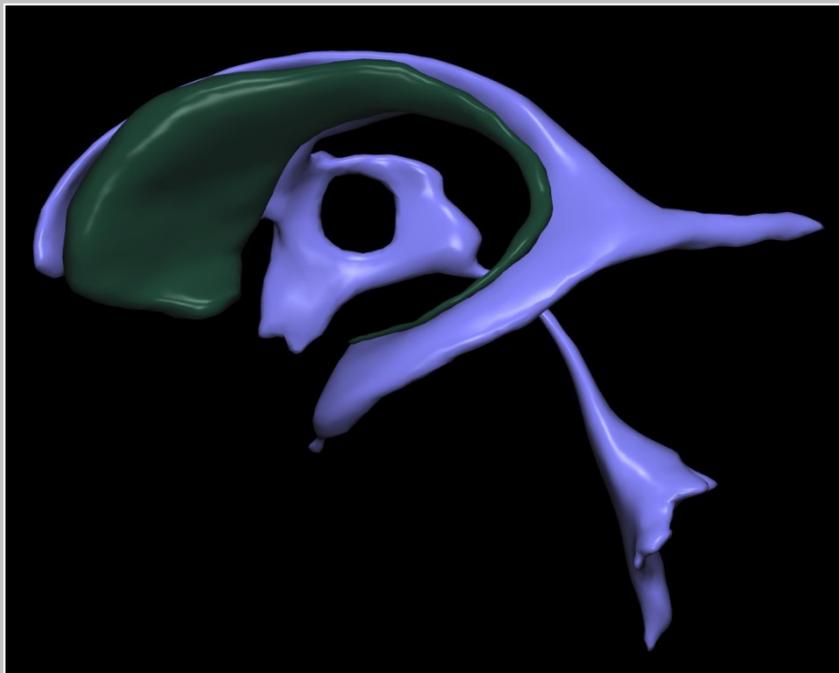
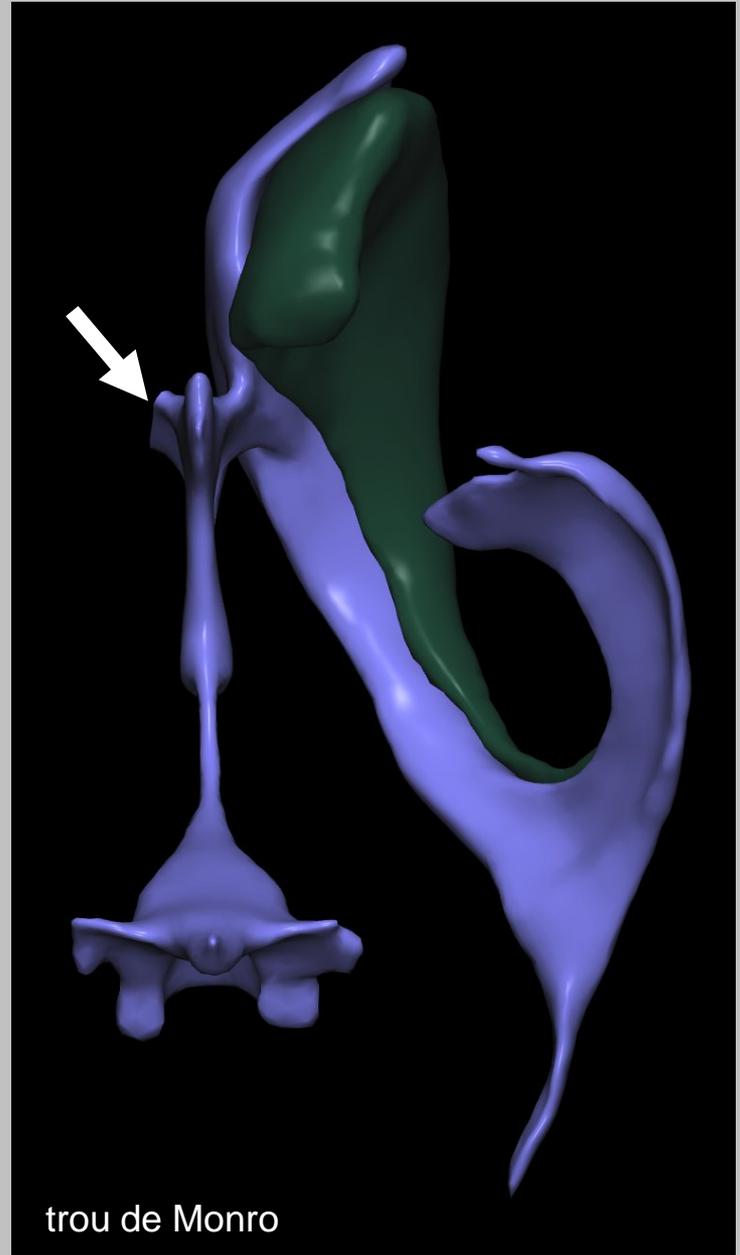


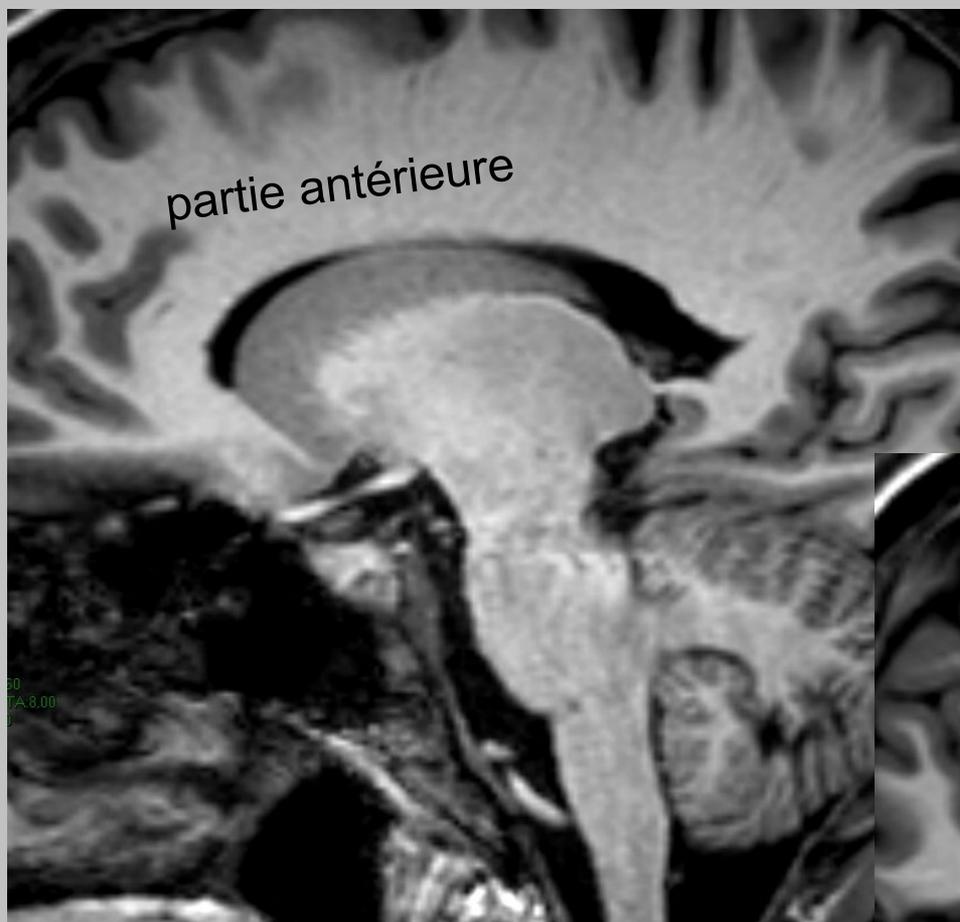
# Noyau caudé



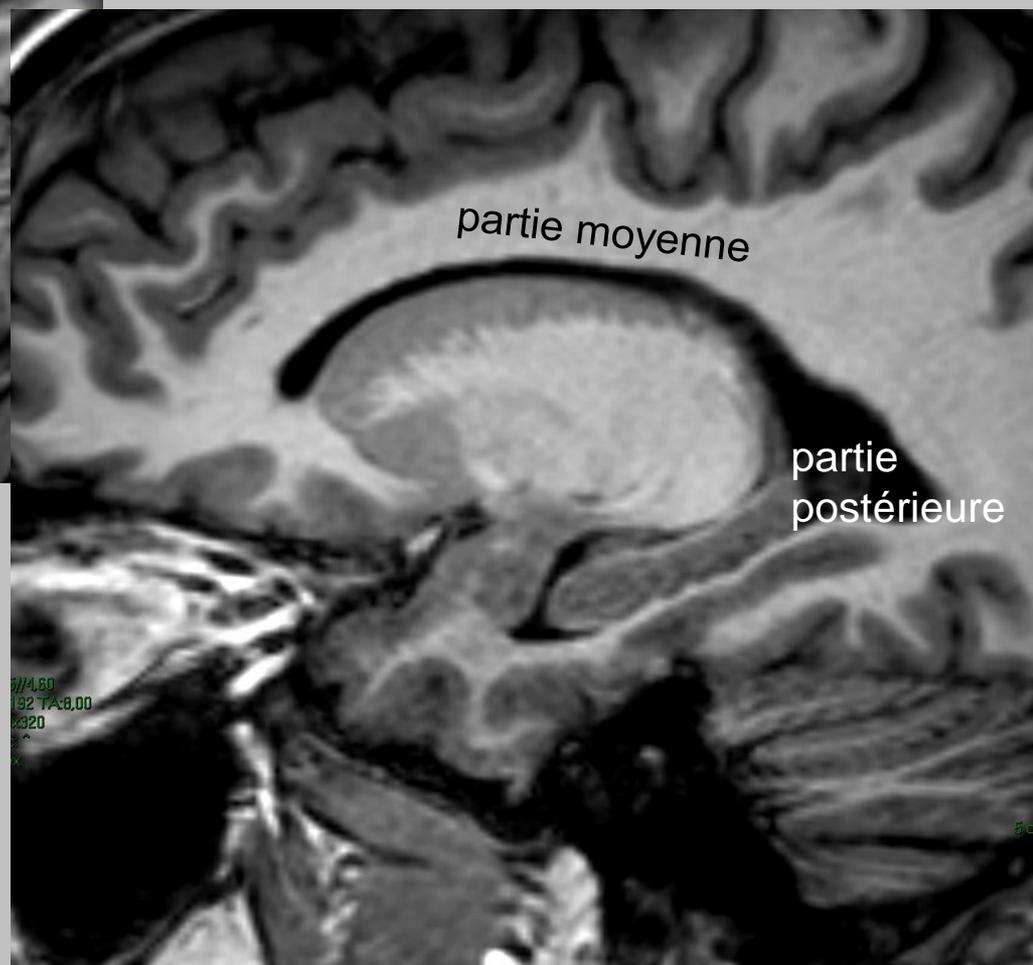


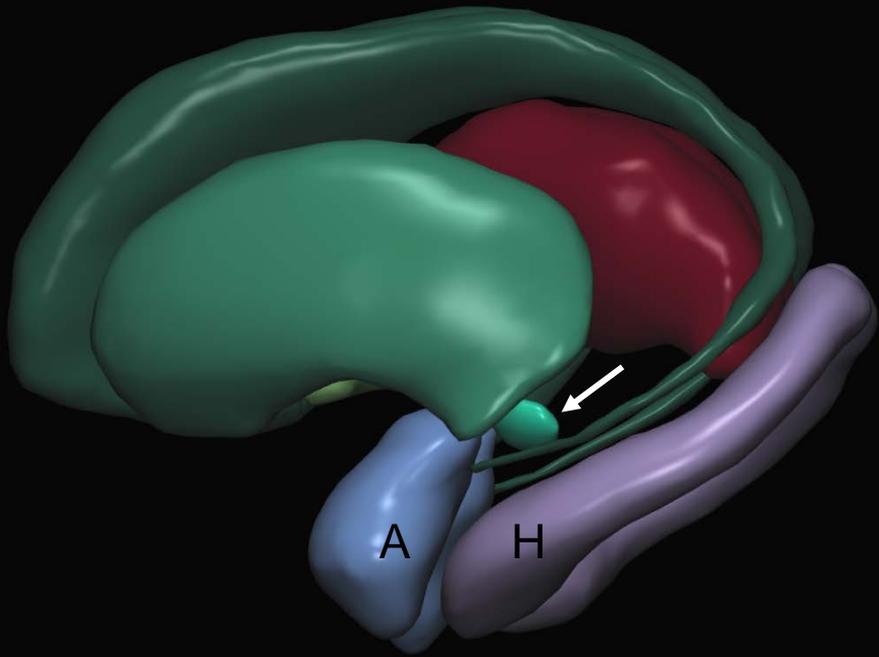
## Noyau caudé +VL



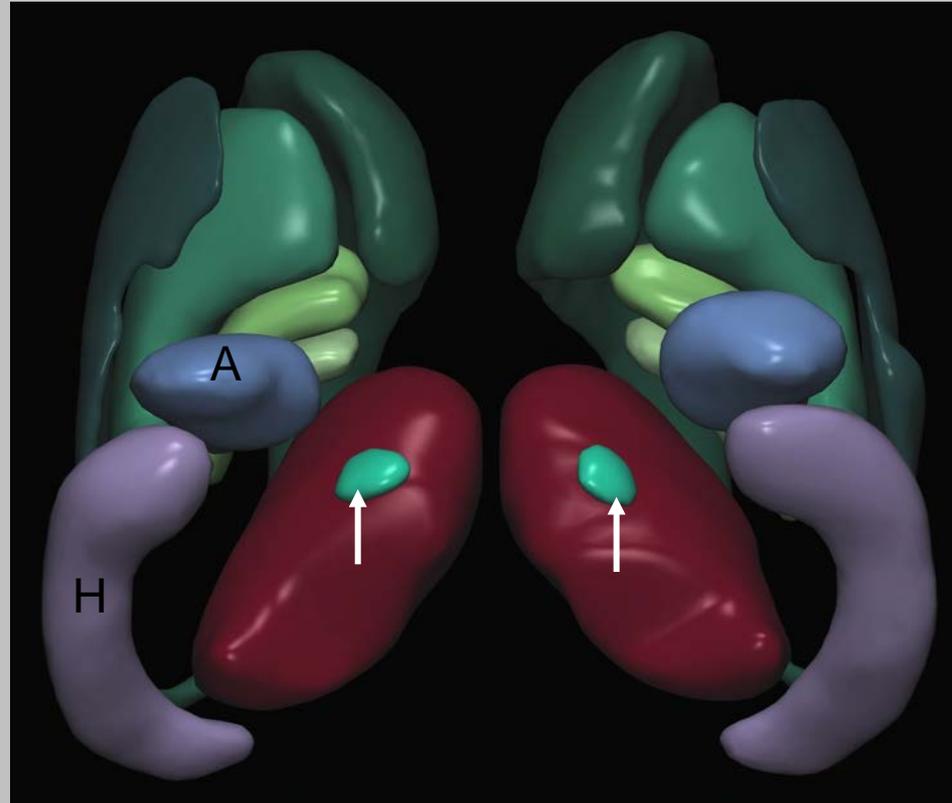


Noyau caudé + VL



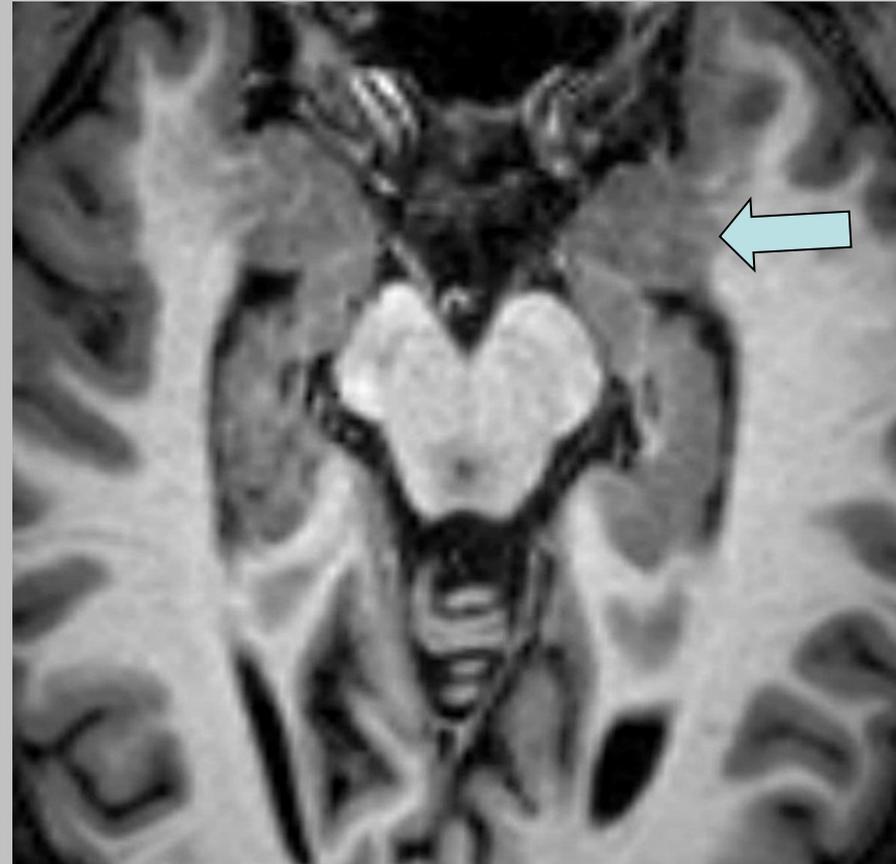


gyrus amygdalien  
gyrus hippocampique

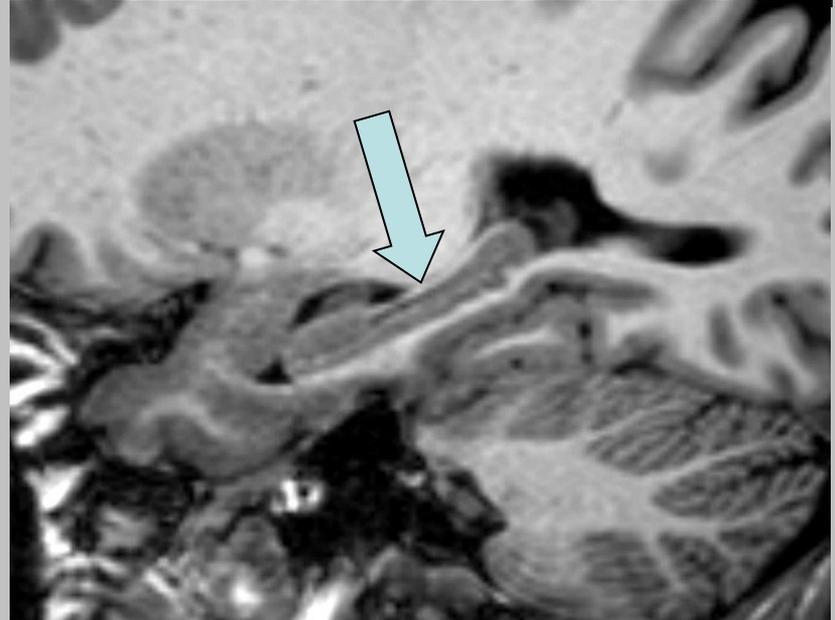
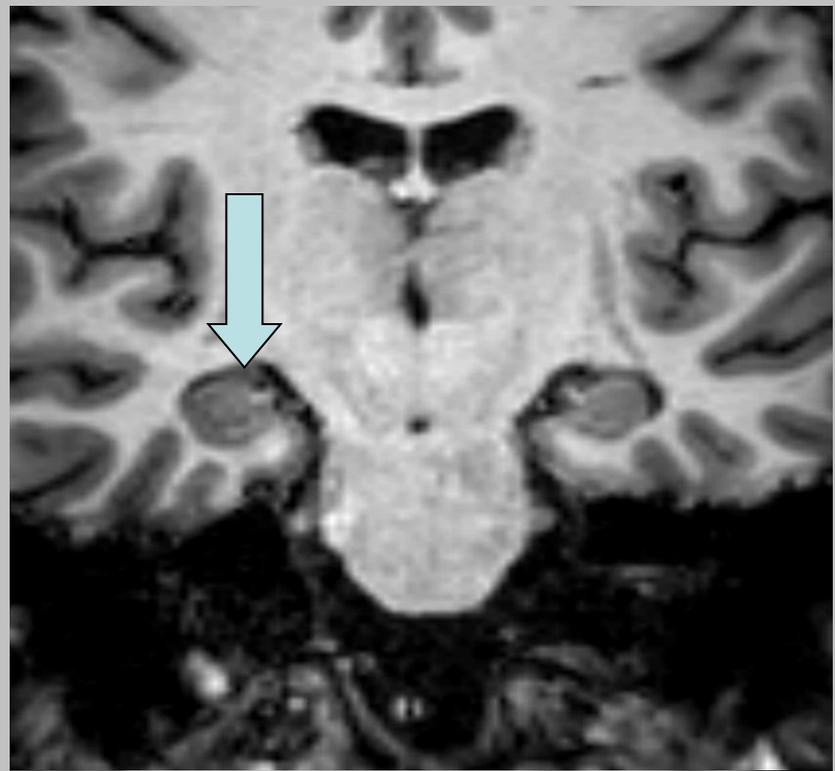
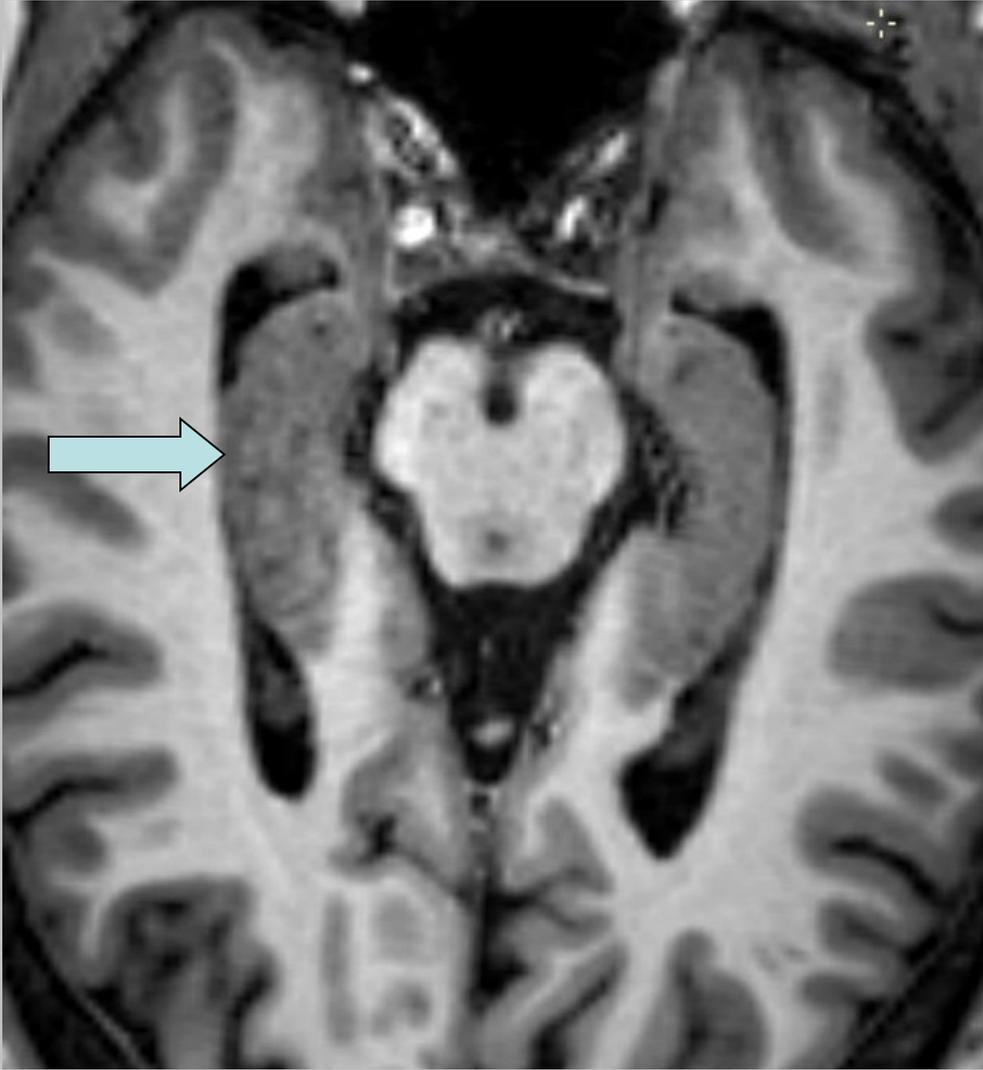


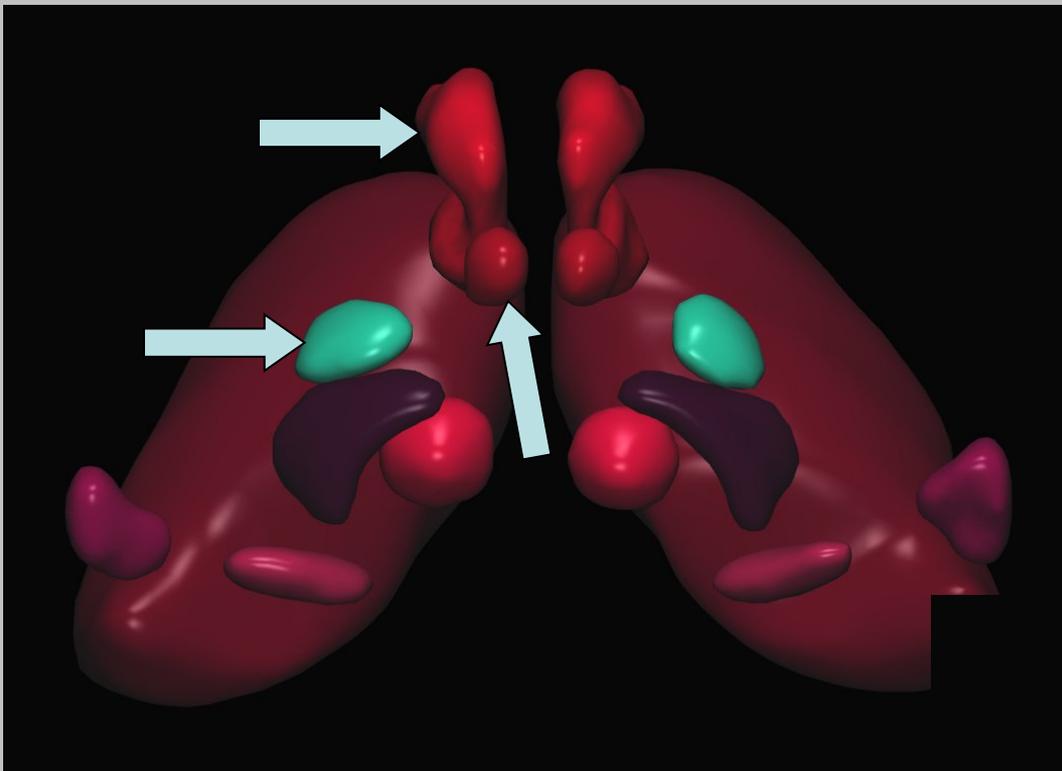
noyau sous-thalamique

# Gyrus amygdalien

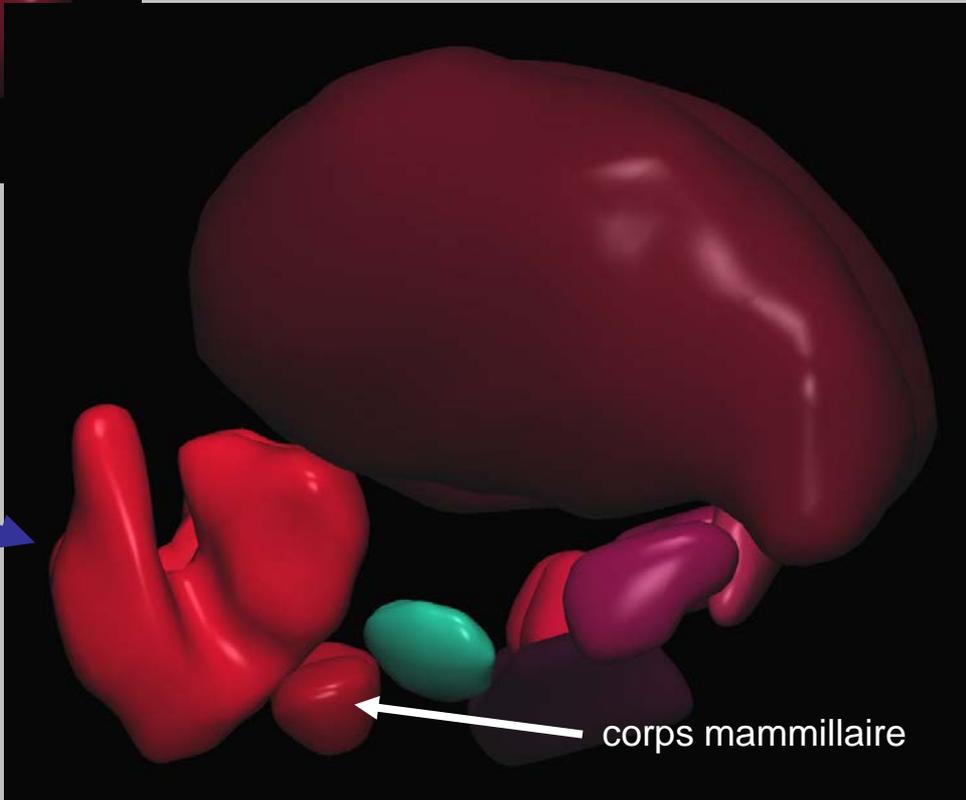


# Hippocampe





hypothalamus  
noyaux sous-thalamiques  
corps mammillaires



hypothalamus

corps mammillaire

# hypothalamus

# tractus mammillo-thalamique

profil

Tractus mammillo-thalamique

pilier du fornix

AV

hy

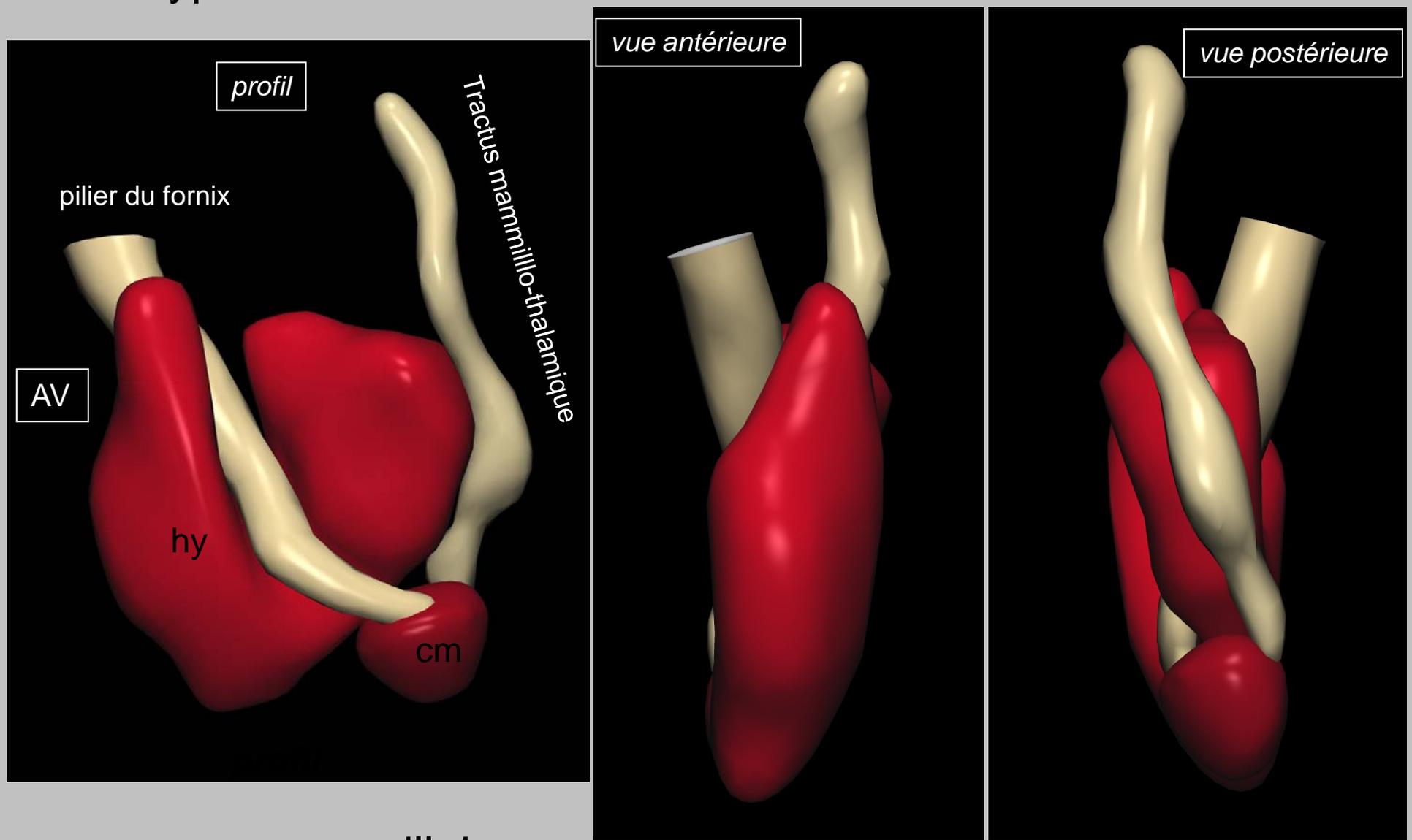
cm

corps mammillaire

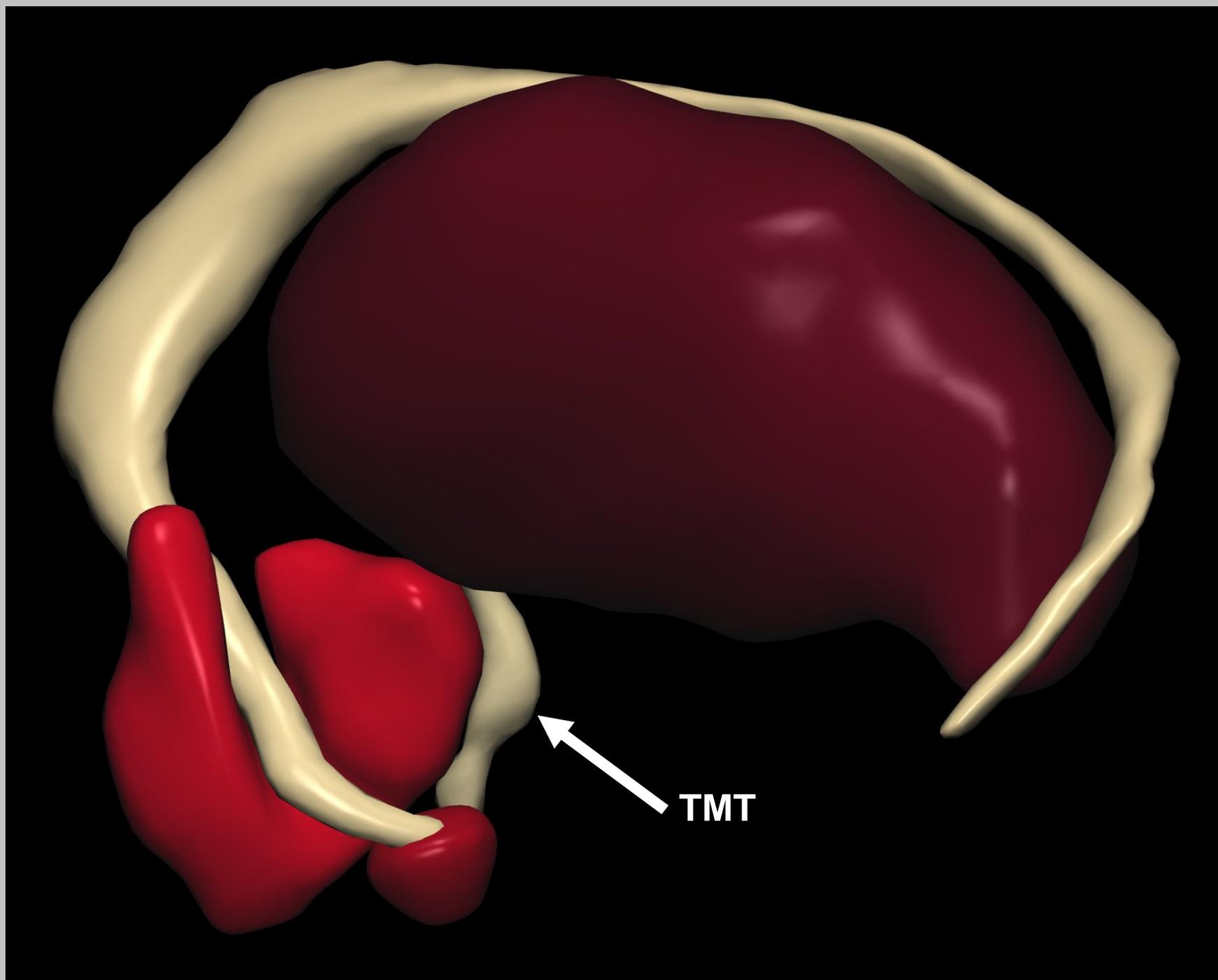
vue antérieure

vue postérieure

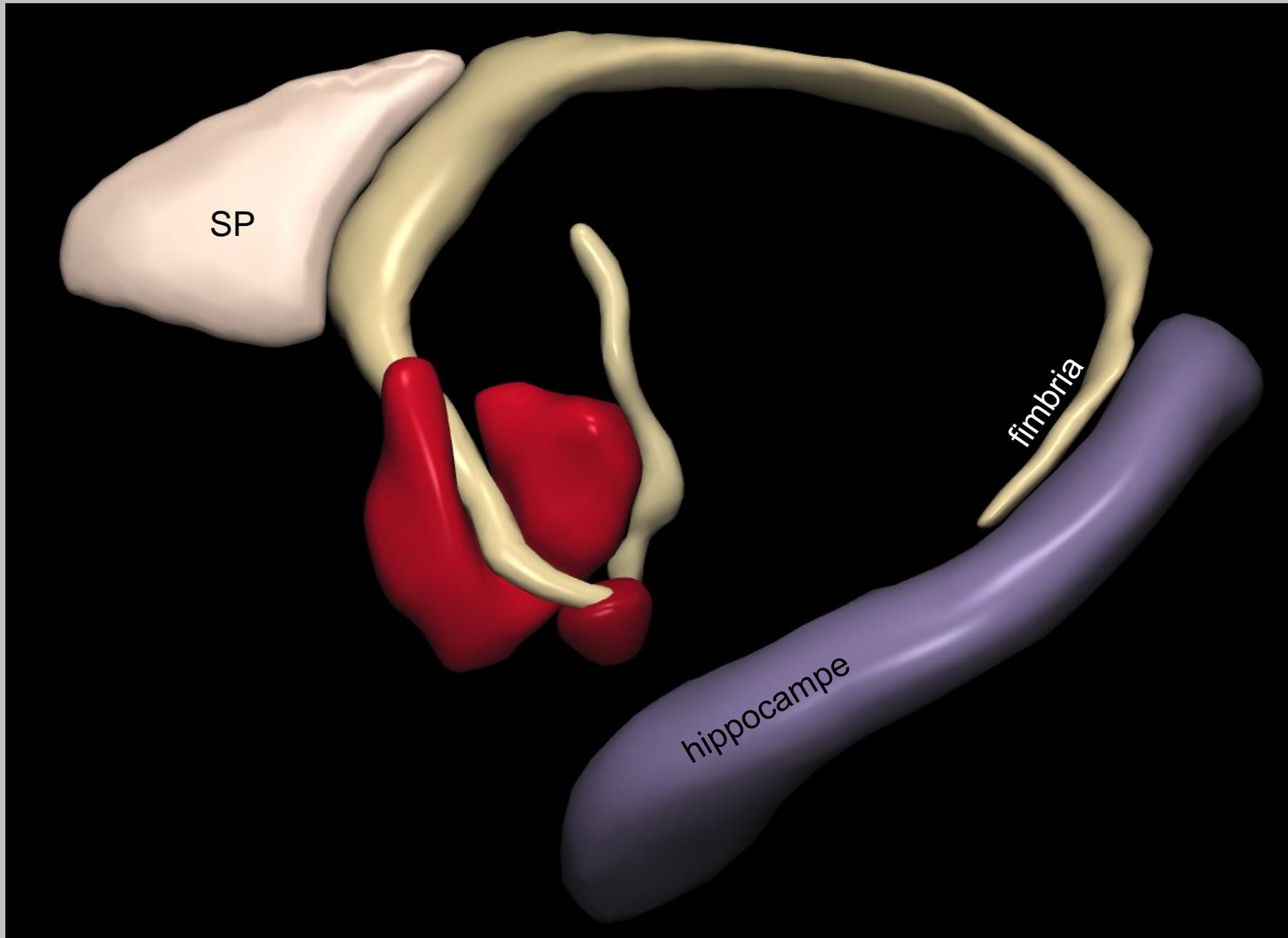
pilier du fornix







TMT

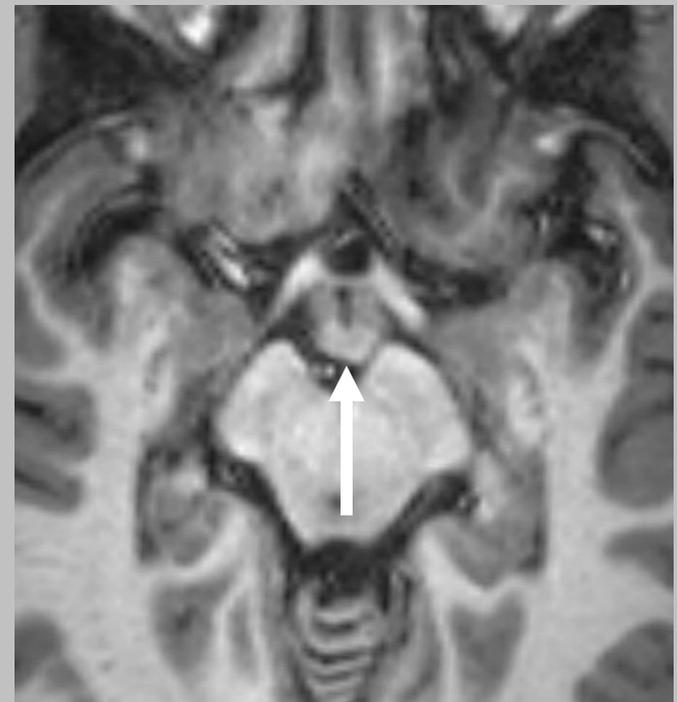
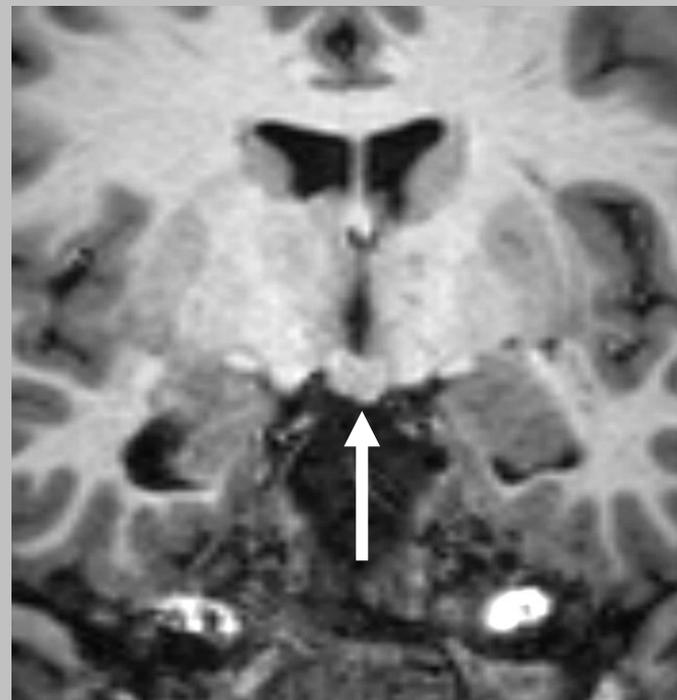


SP

fimbria

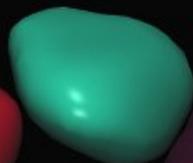
hippocampe

# Corps mammillaires



noyau rouge  
substance noire

corps genouillé latéral  
corps genouillé médial

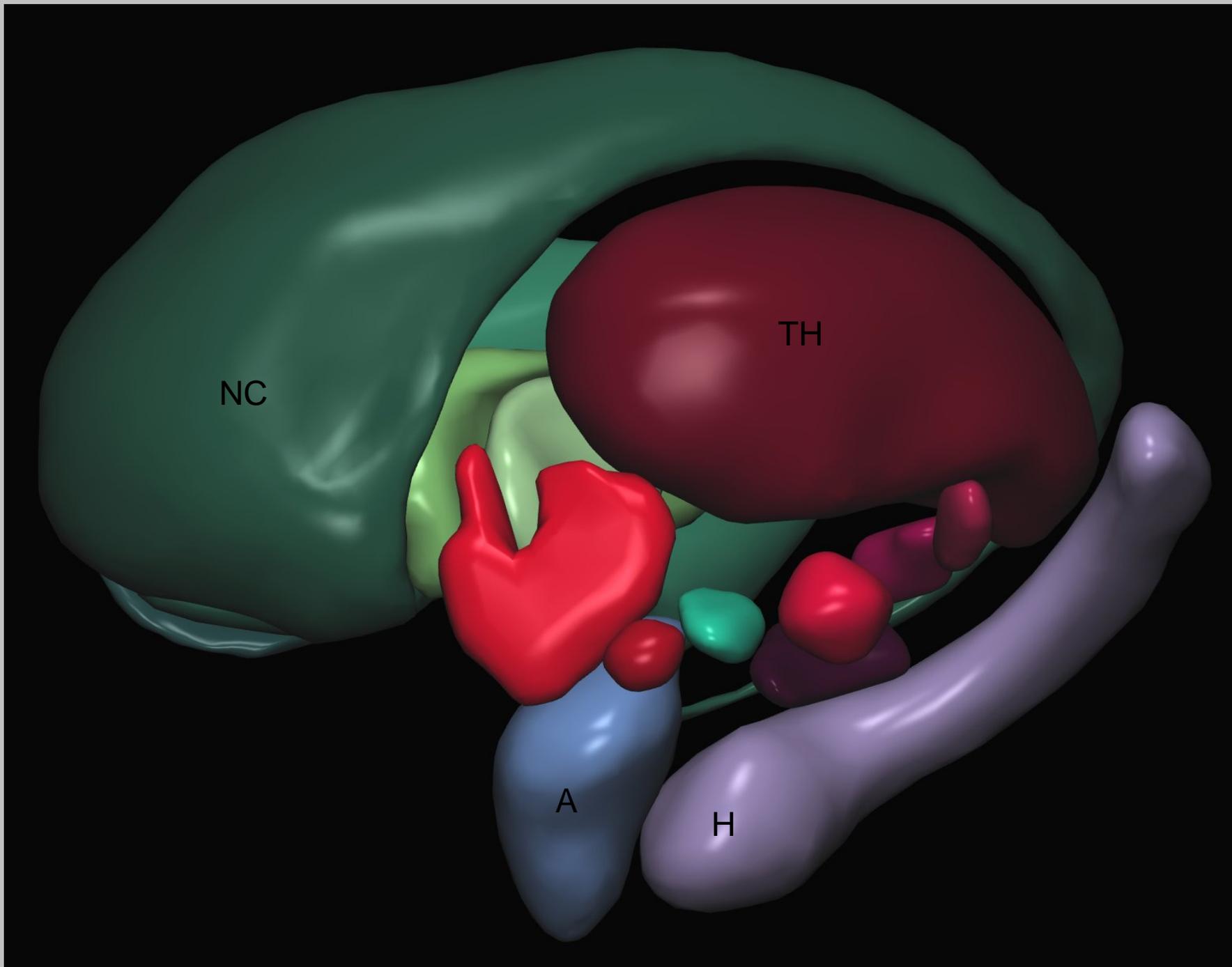


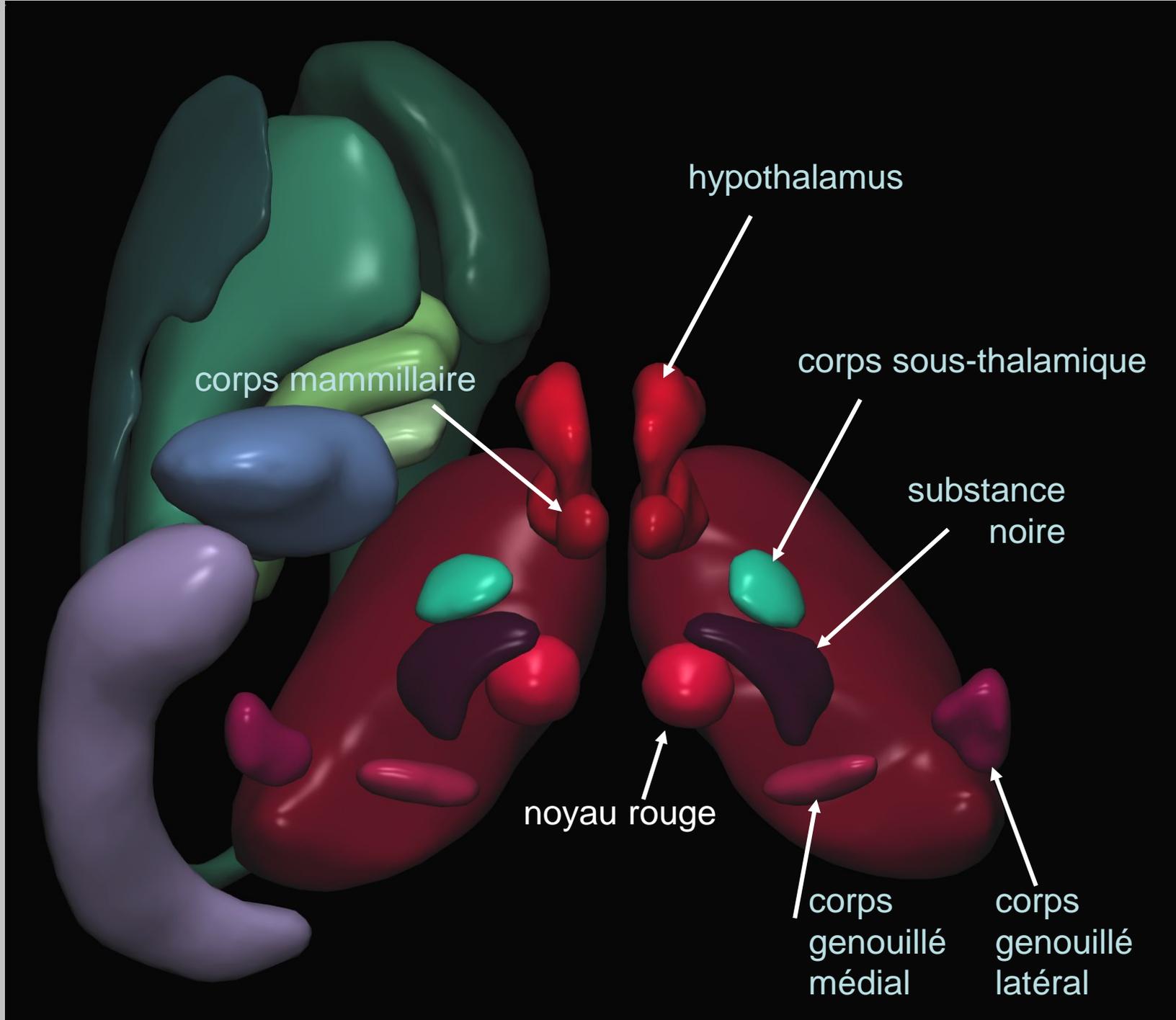
SN

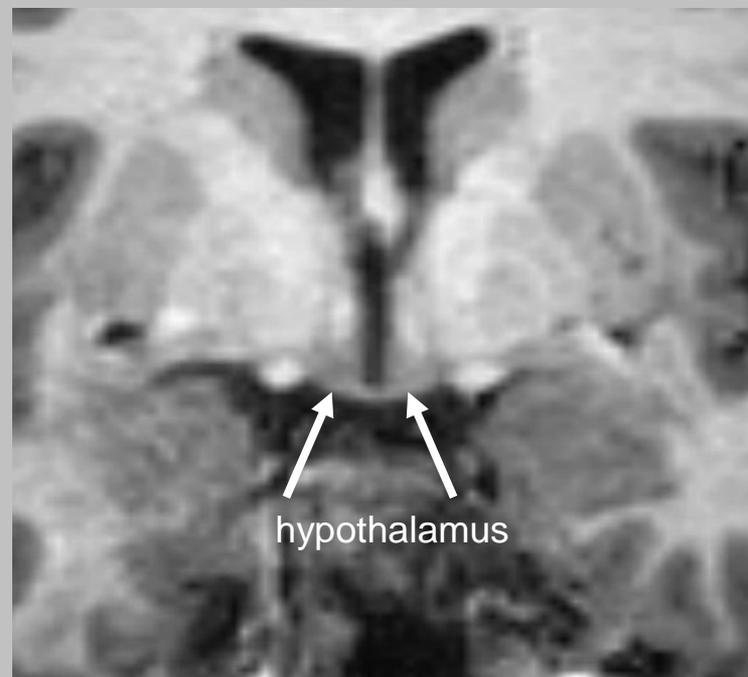
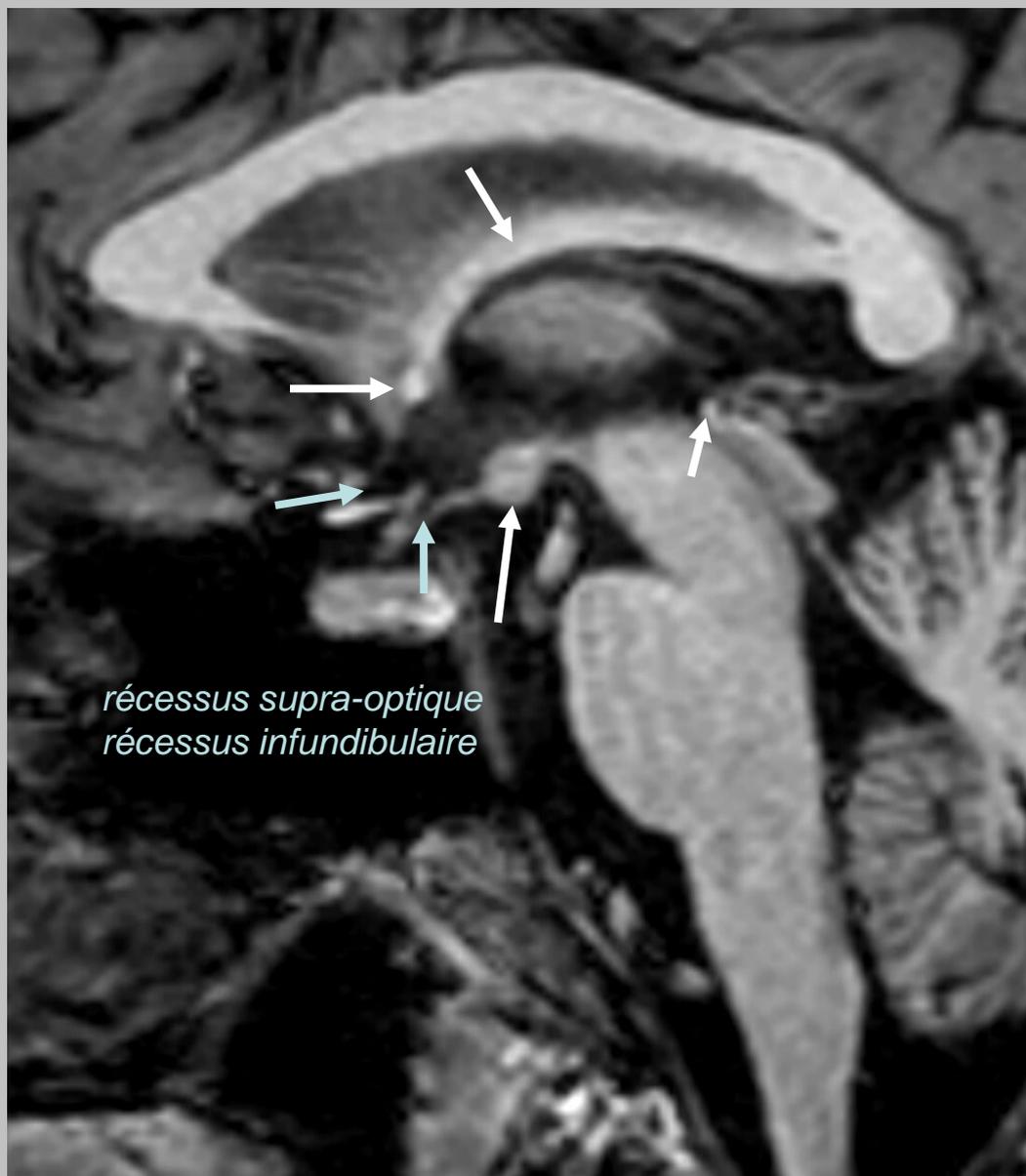
NR

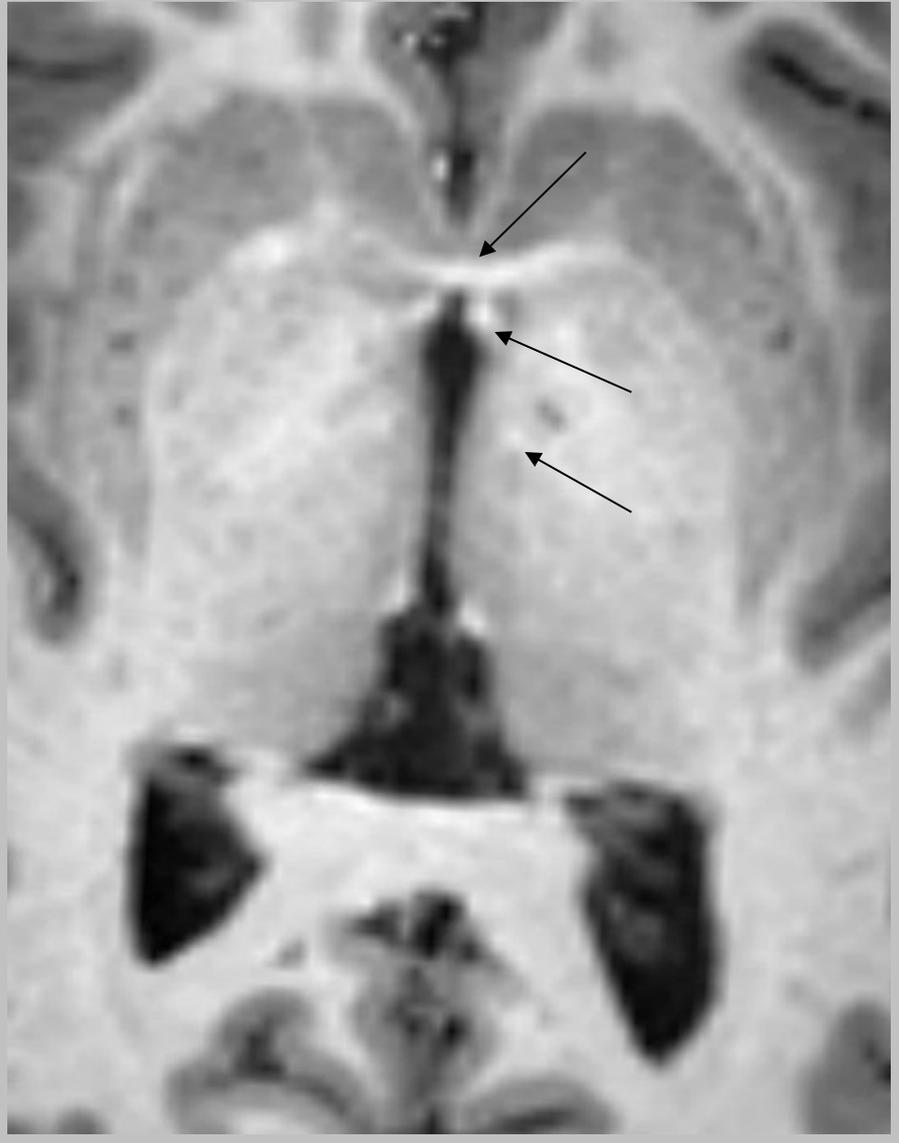
CGL

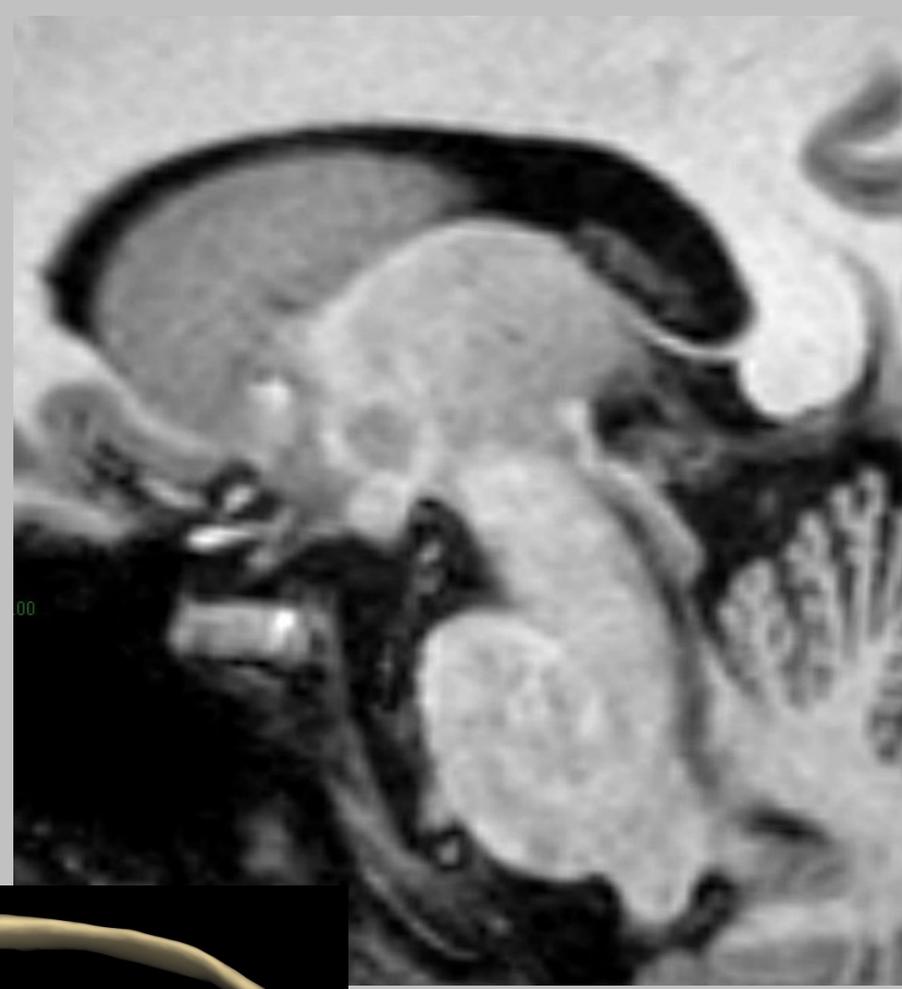
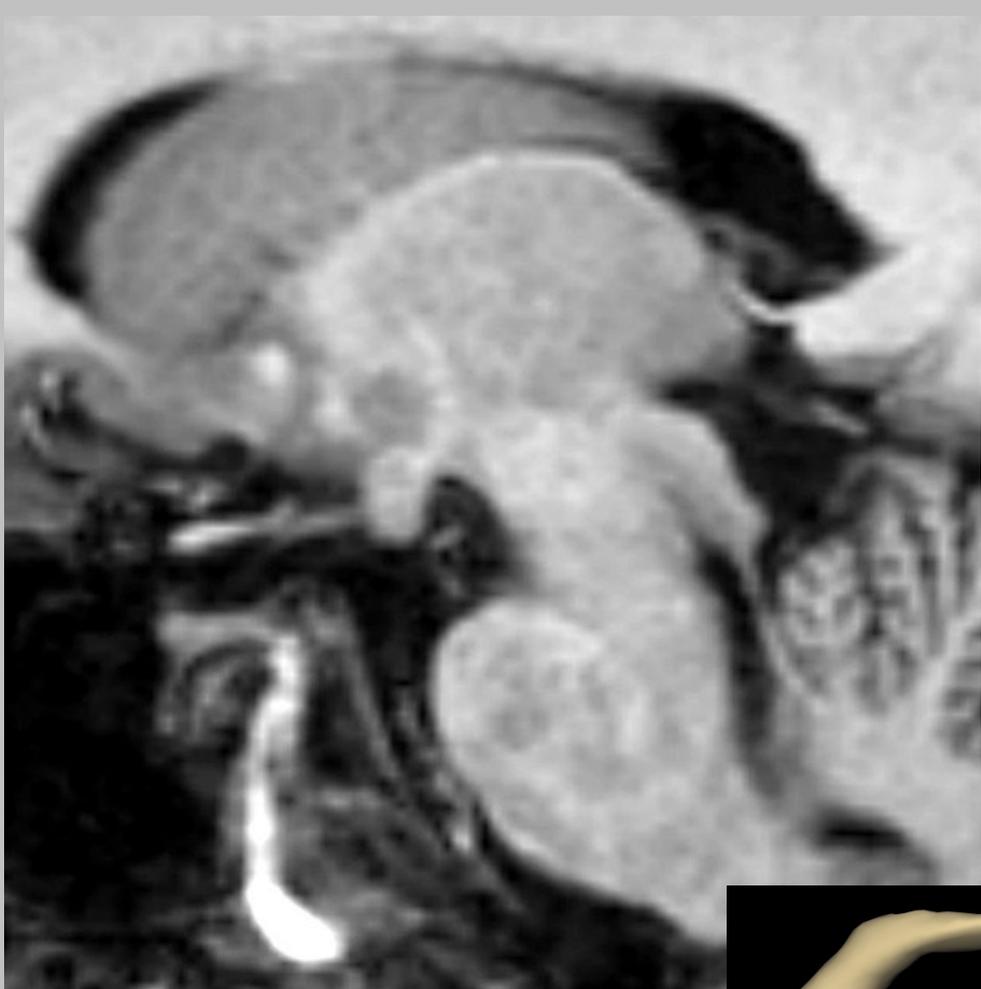
CGM

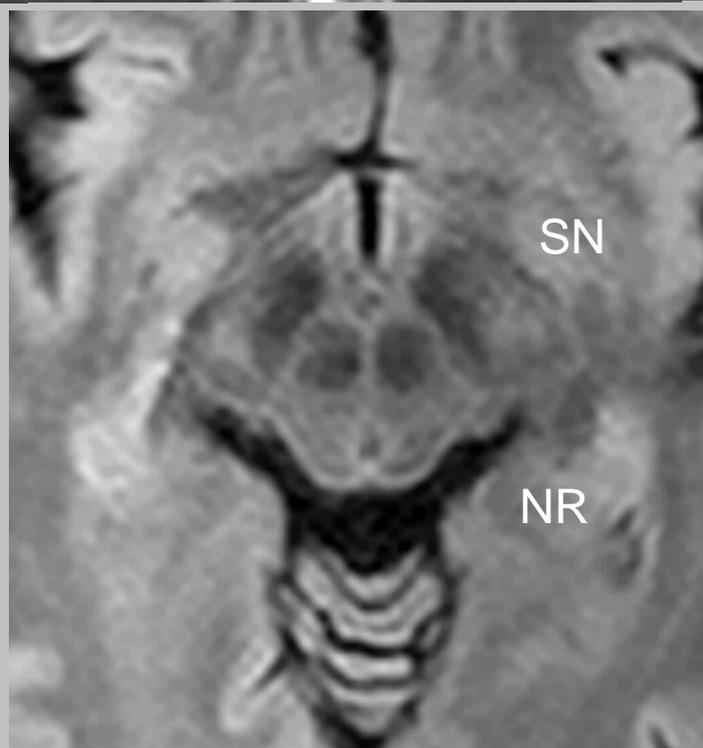
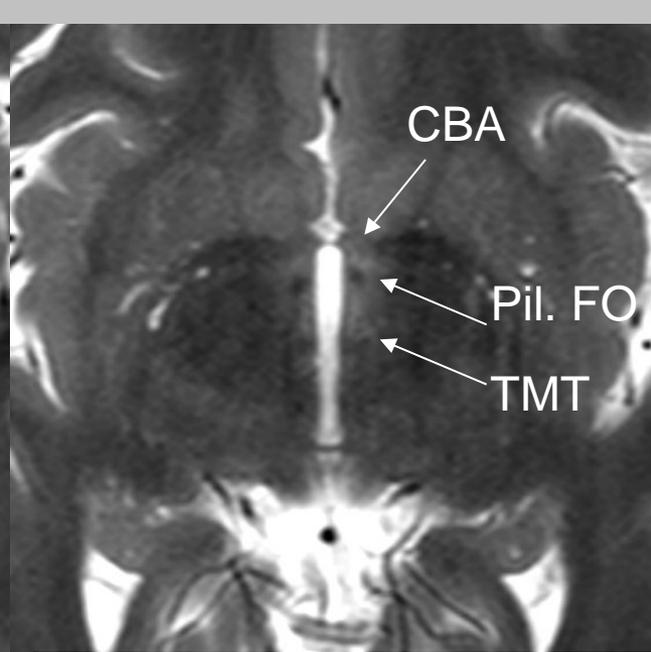
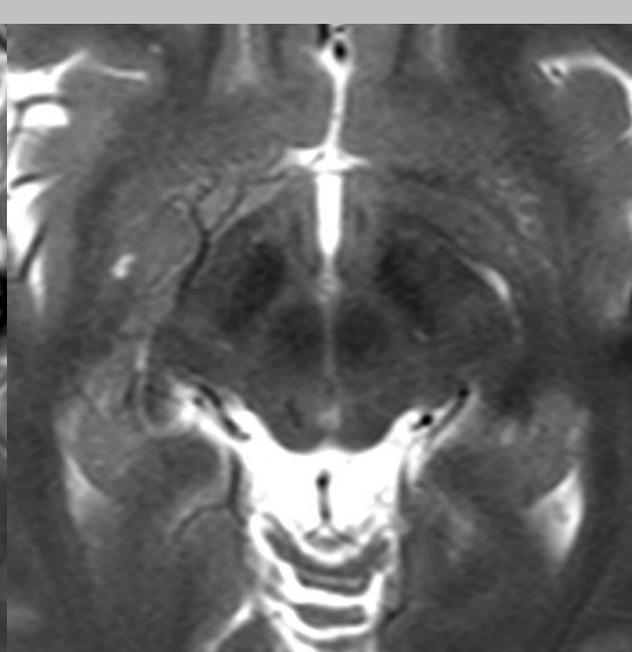
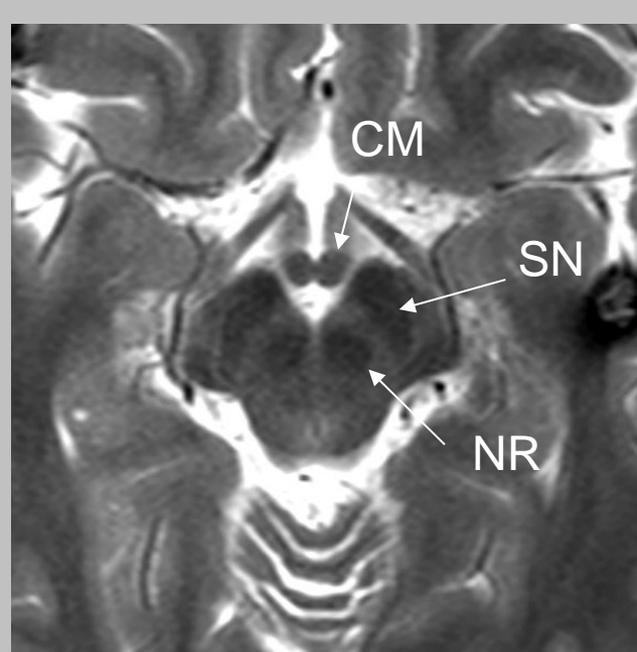






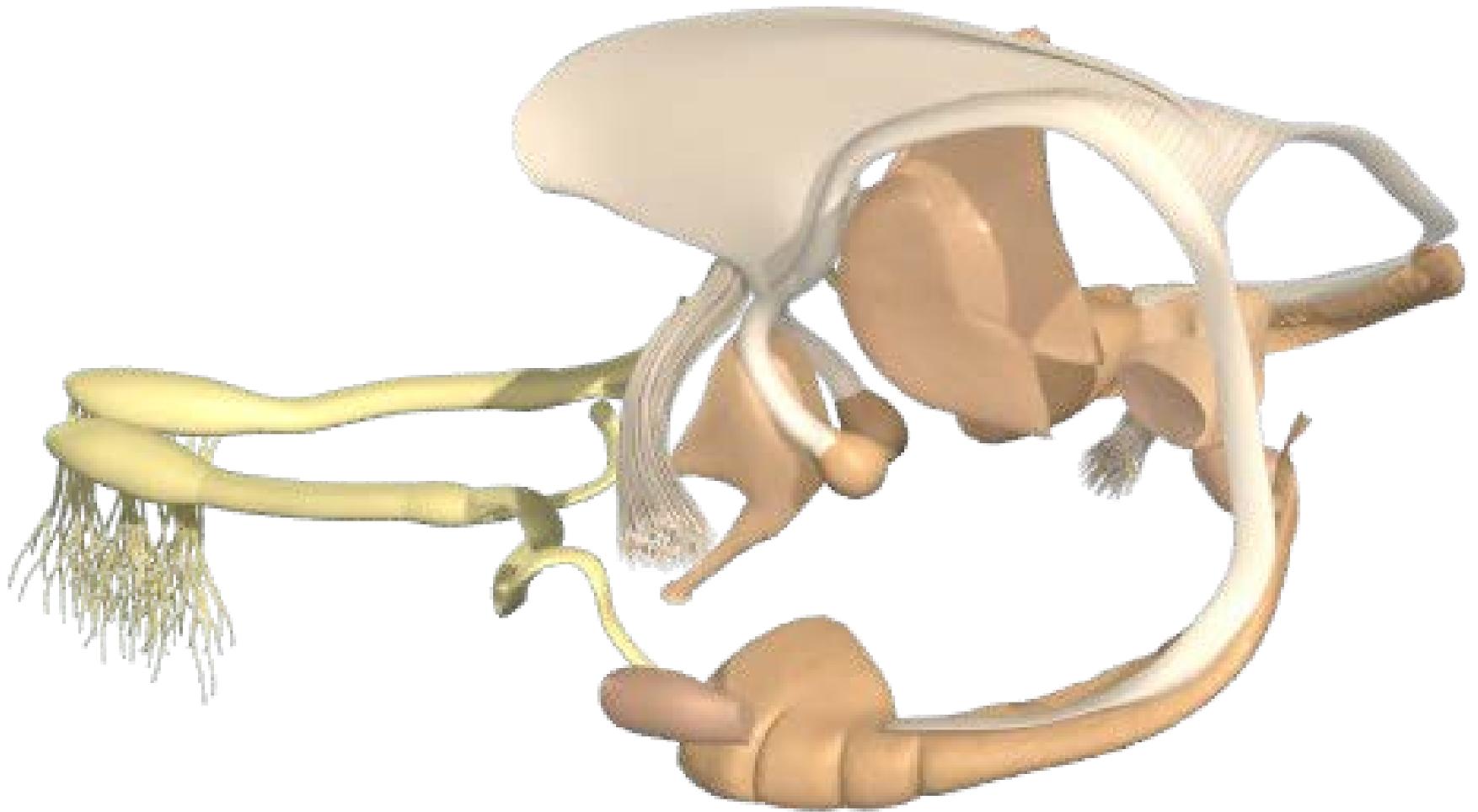




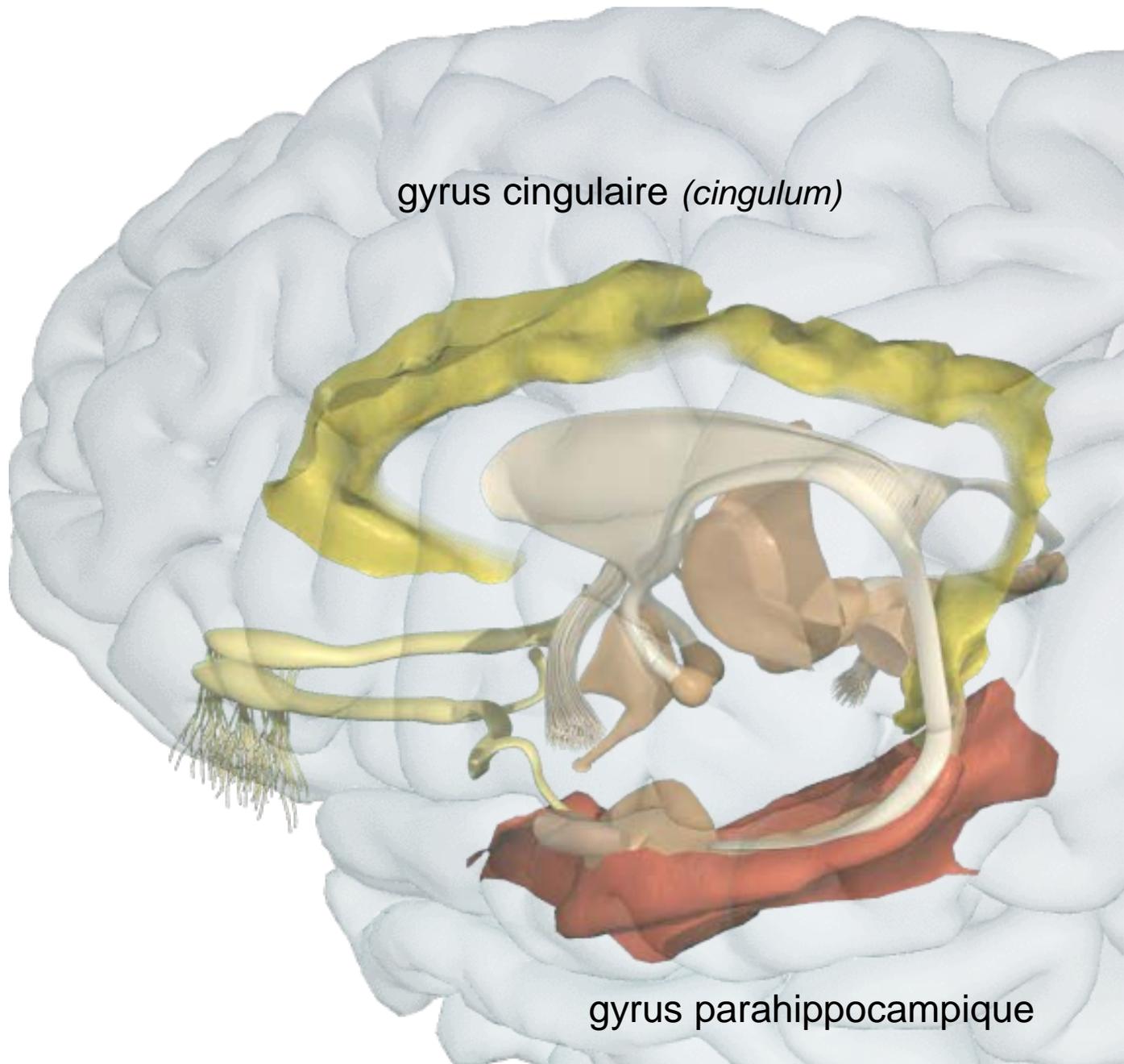


*Addendum 1*

## **Système limbique**



gyrus cingulaire (*cingulum*)



gyrus parahippocampique

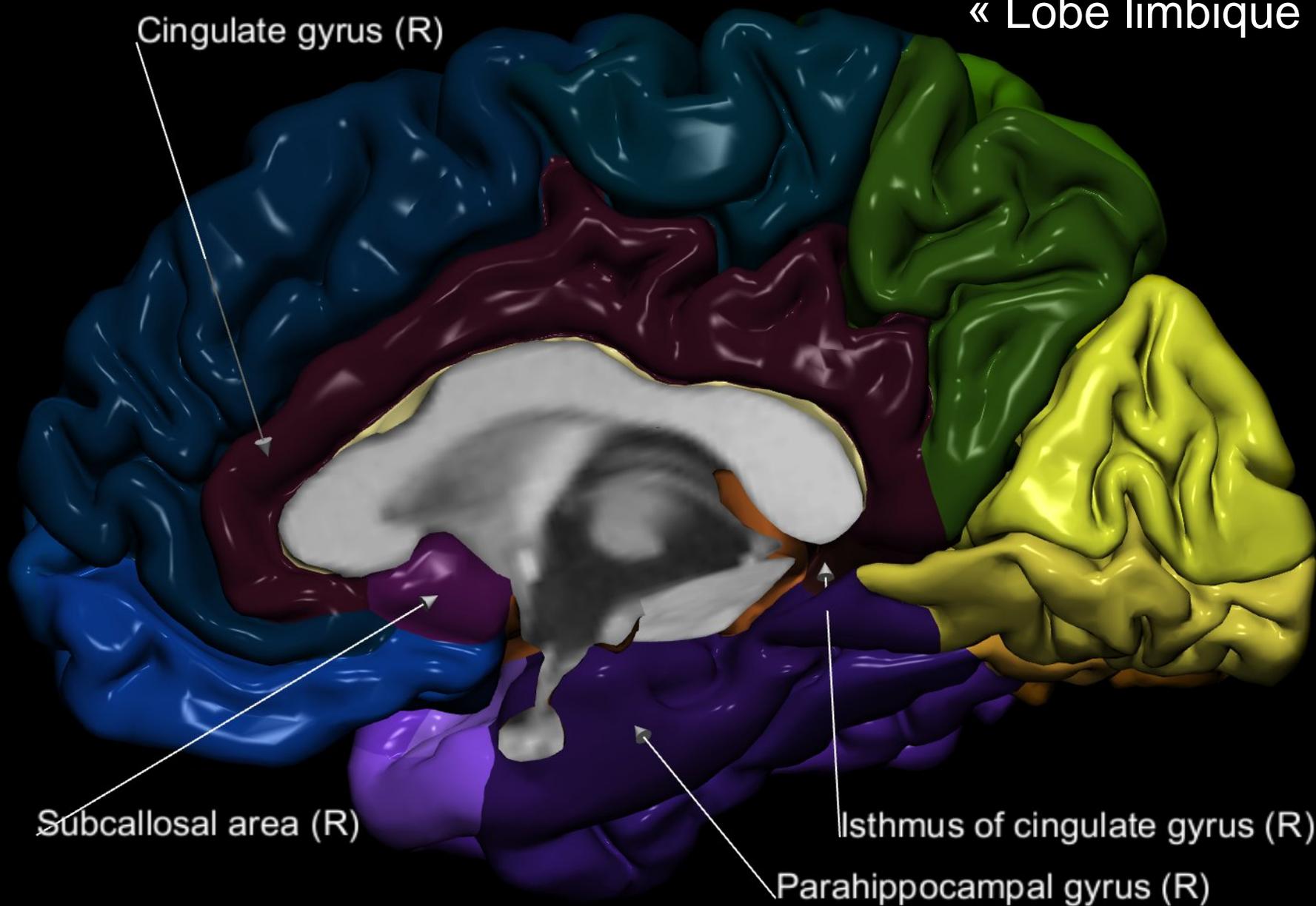
« Lobe limbique »

Cingulate gyrus (R)

Subcallosal area (R)

Isthmus of cingulate gyrus (R)

Parahippocampal gyrus (R)



# Systeme ventriculaire

