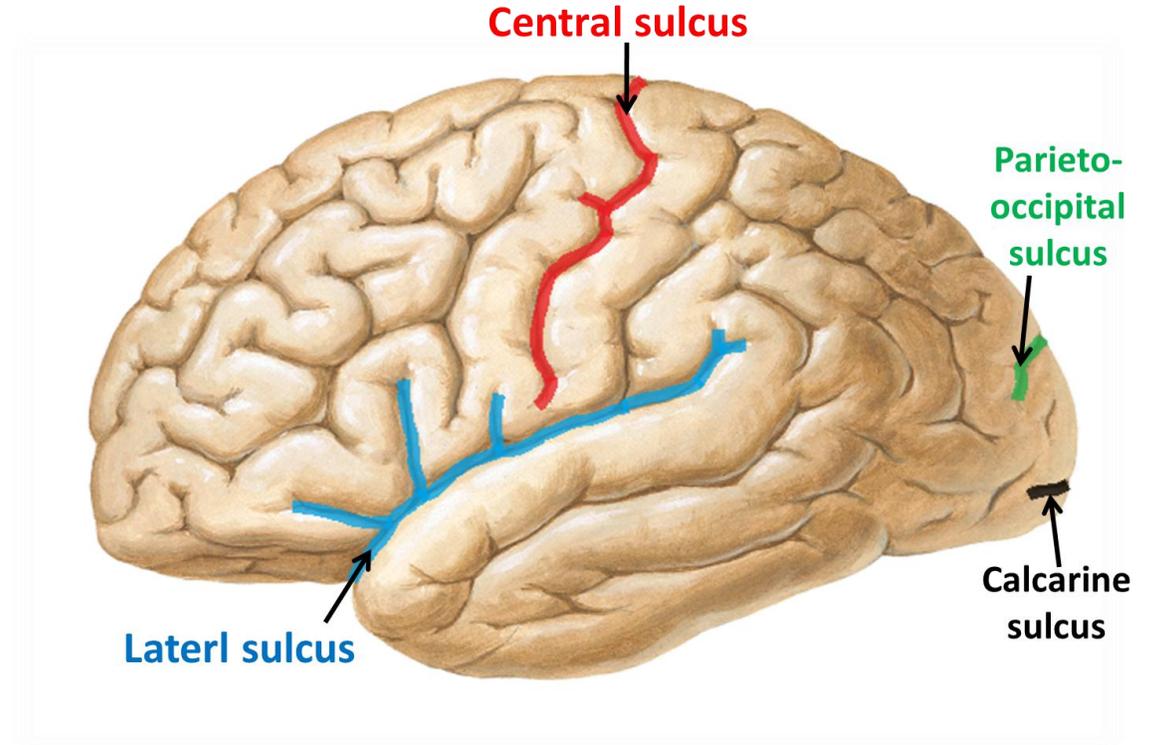
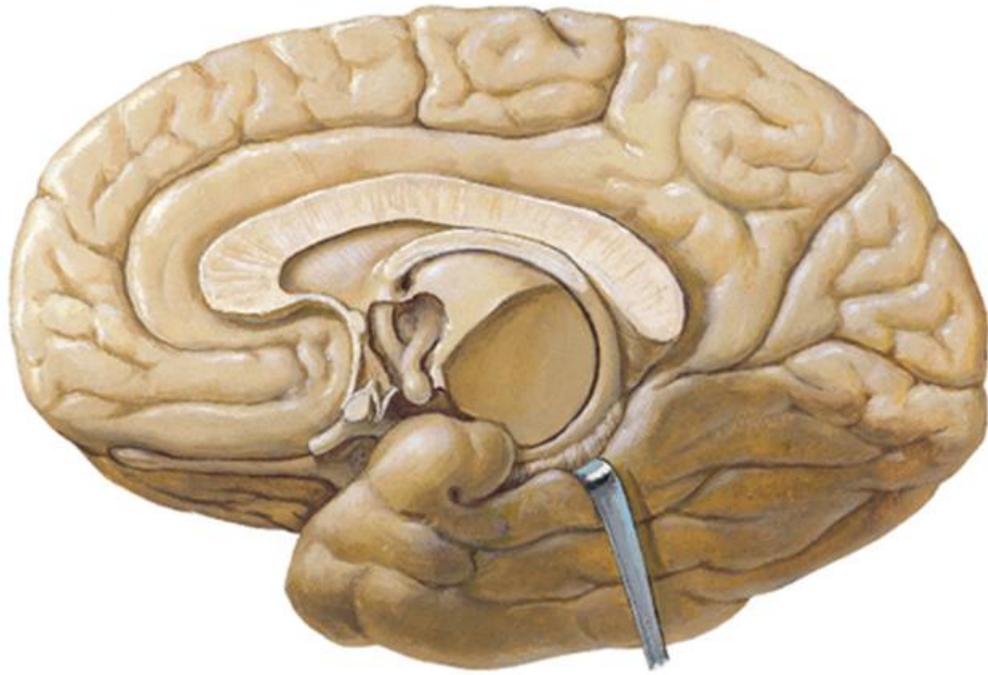


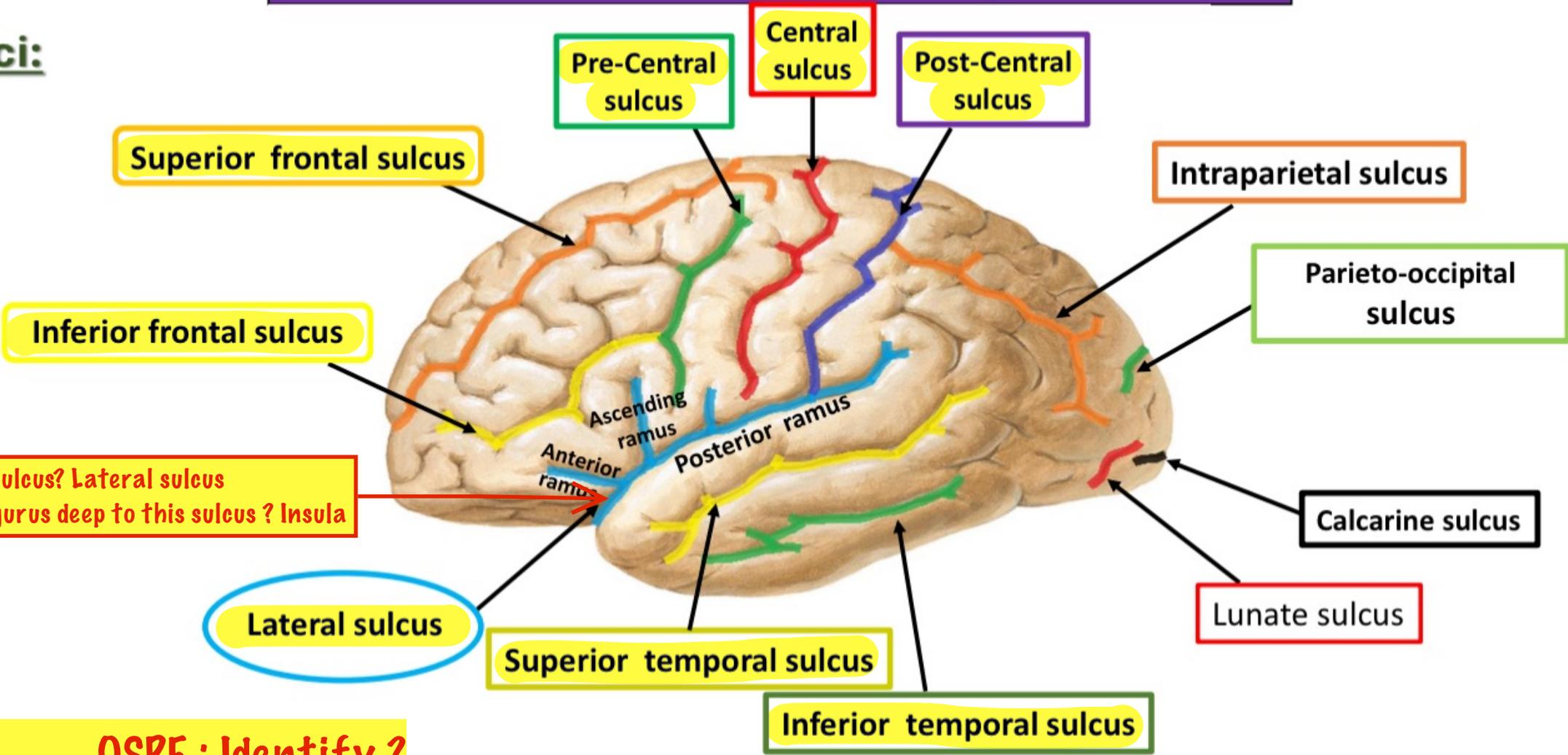
## WITH SUMMER NOTES



# مطالبين باللي متحد بالأصفر بس والباقي سكيب  
الدكتورة قالت في الريكورد الفايل بالنوتس اللي اتذكرت كافي

# Cerebral Hemisphere

▪ **Sulci:**



Identify this sulcus? Lateral sulcus  
Mention the gurus deep to this sulcus? Insula

**OSPE : Identify ?**  
مطلوب بس اللي متعلم عليهم بالأصفر

# Cerebral Hemisphere

The Medial surface

## ▪ Sulci:

Cingulate sulcus

Callosal sulcus

Rhinal sulcus

Collateral sulcus

Marginal sulcus

Subparietal sulcus

Parietooccipital sulcus

Calcarine sulcus

Occipitotemporal sulcus

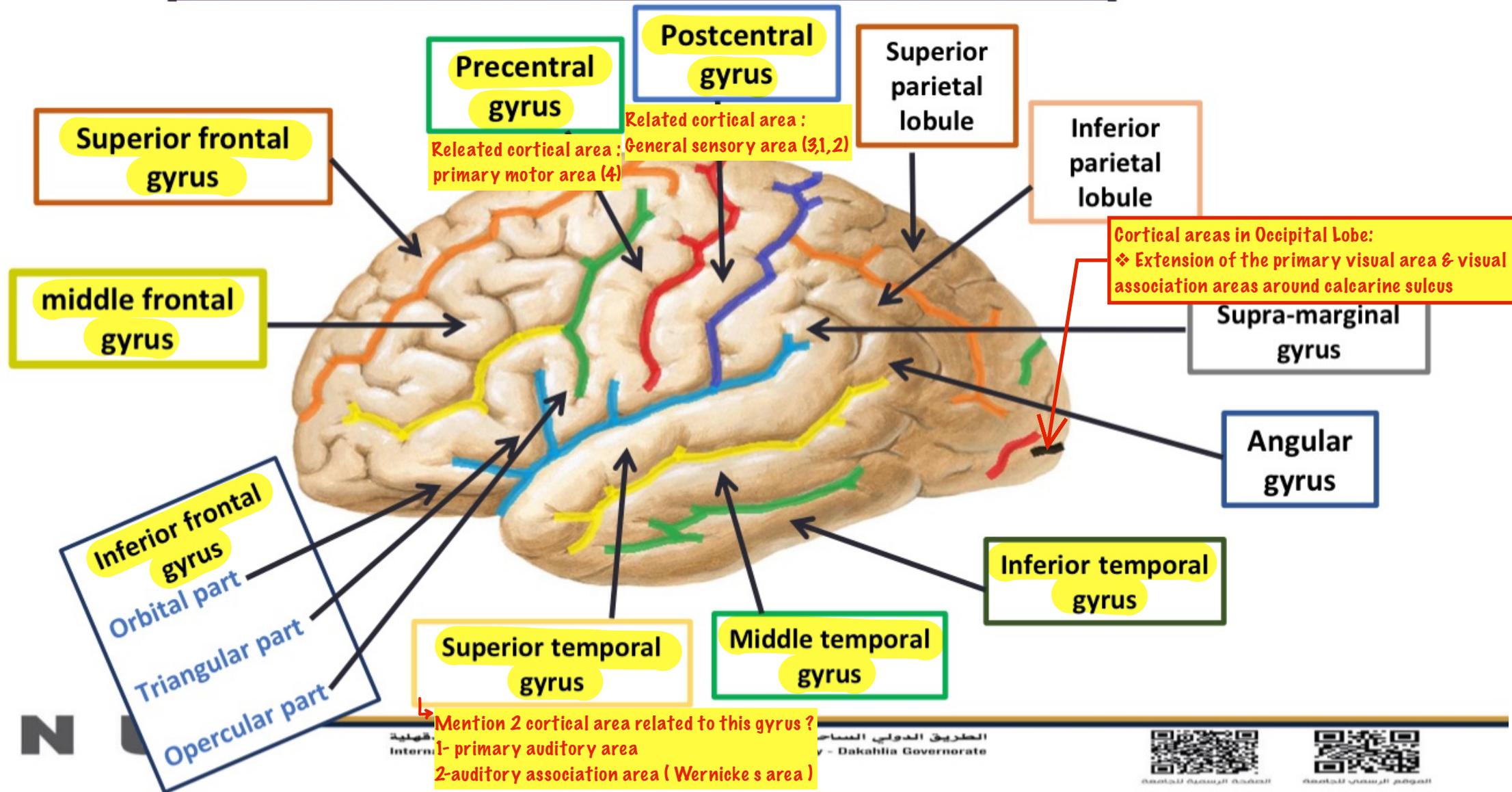
OSPE : Identify ?

مطلوب بس ال cingulate و ال callosal

OSPE :

- 1- Identify the name of these gyrus ?
- 2- Mention the related cortical areas of it ?

# Cerebral Hemisphere



# Cerebral Hemisphere

## The Medial surface

▪ **Gyri:**

**Medial (superior) frontal gyrus**

Releated cortical area :  
Prefrontal cortex (personality center)

**Cingulate gyrus**

**corpus callosum**

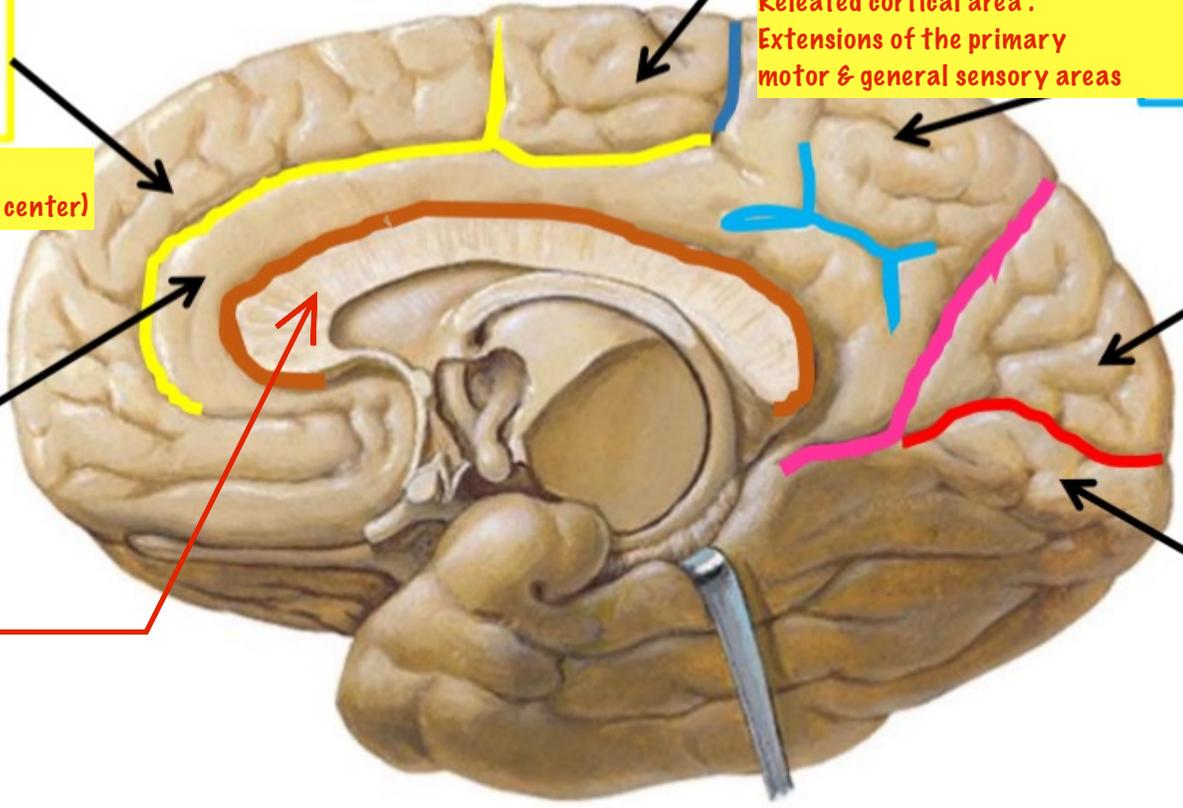
**Paracentral lobule**

Releated cortical area :  
Extensions of the primary motor & general sensory areas

**Precuneus**

**Cuneus**

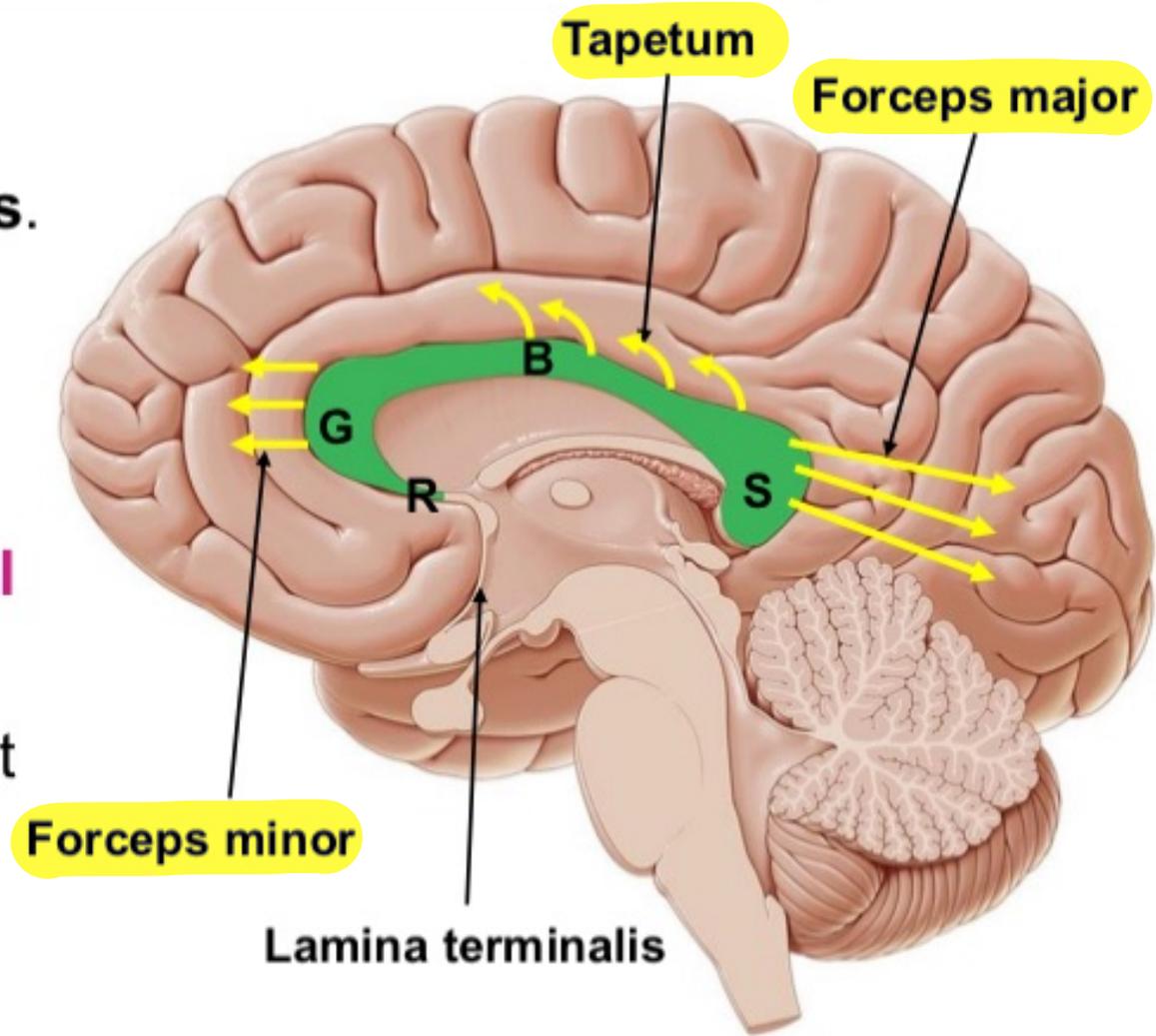
Releated cortical area :  
1- primary visual area  
2- visual association areas



# Commissural Fibers: Corpus Callosum

## Parts:

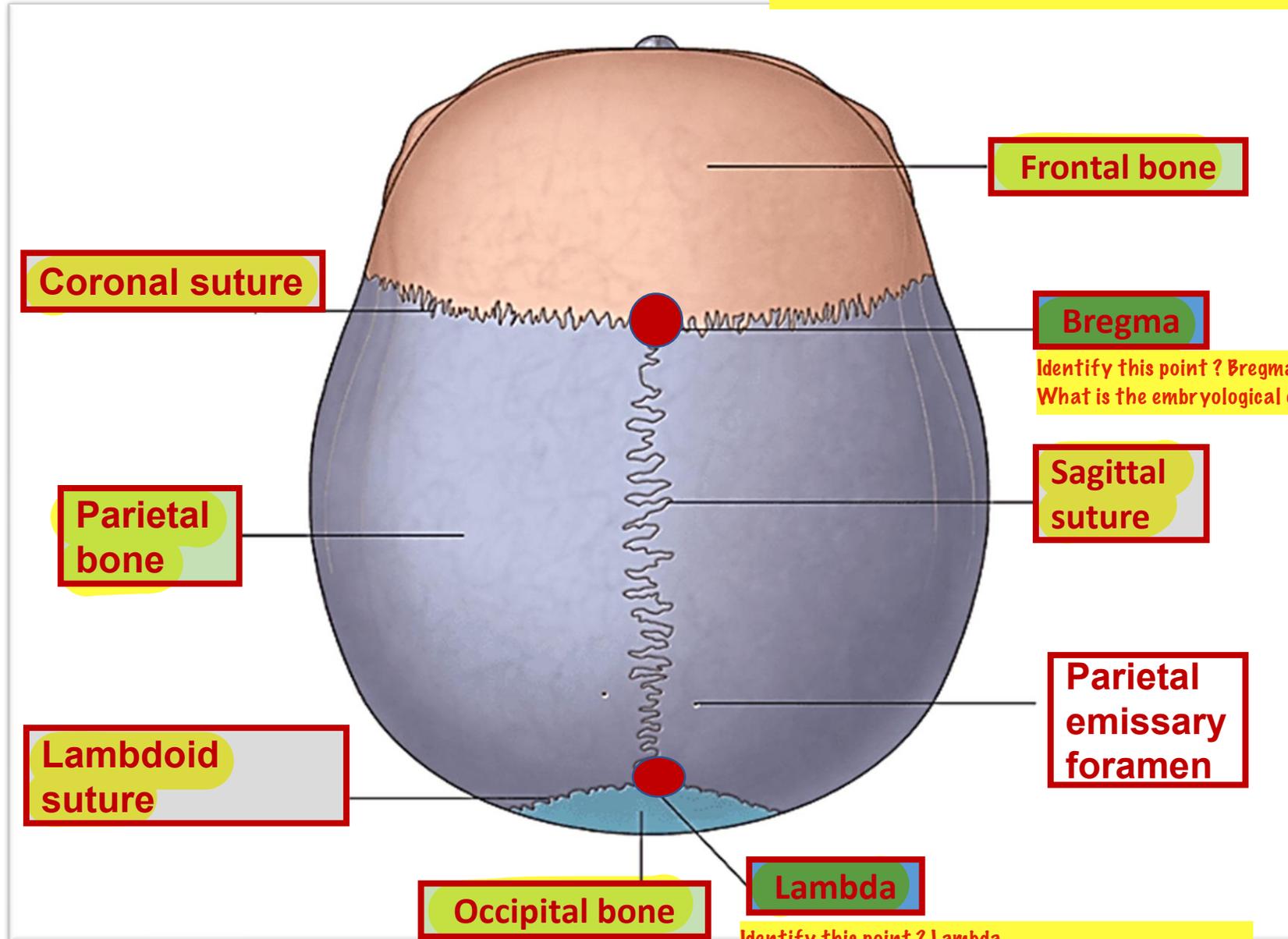
1. **Rostrum**: continuous with **lamina terminalis**.
2. **Genu**: fibers form **forceps minor** that connect the two **frontal** lobes.
3. **Body**: form a radiation of posterior fibers called **tapetum** connecting the two **temporal** lobes.
4. **Splenium**: its fibers form **forceps major** that connect the two **occipital** lobes.



مطلوب بس اللي متحدد بالأصفر : OSPE

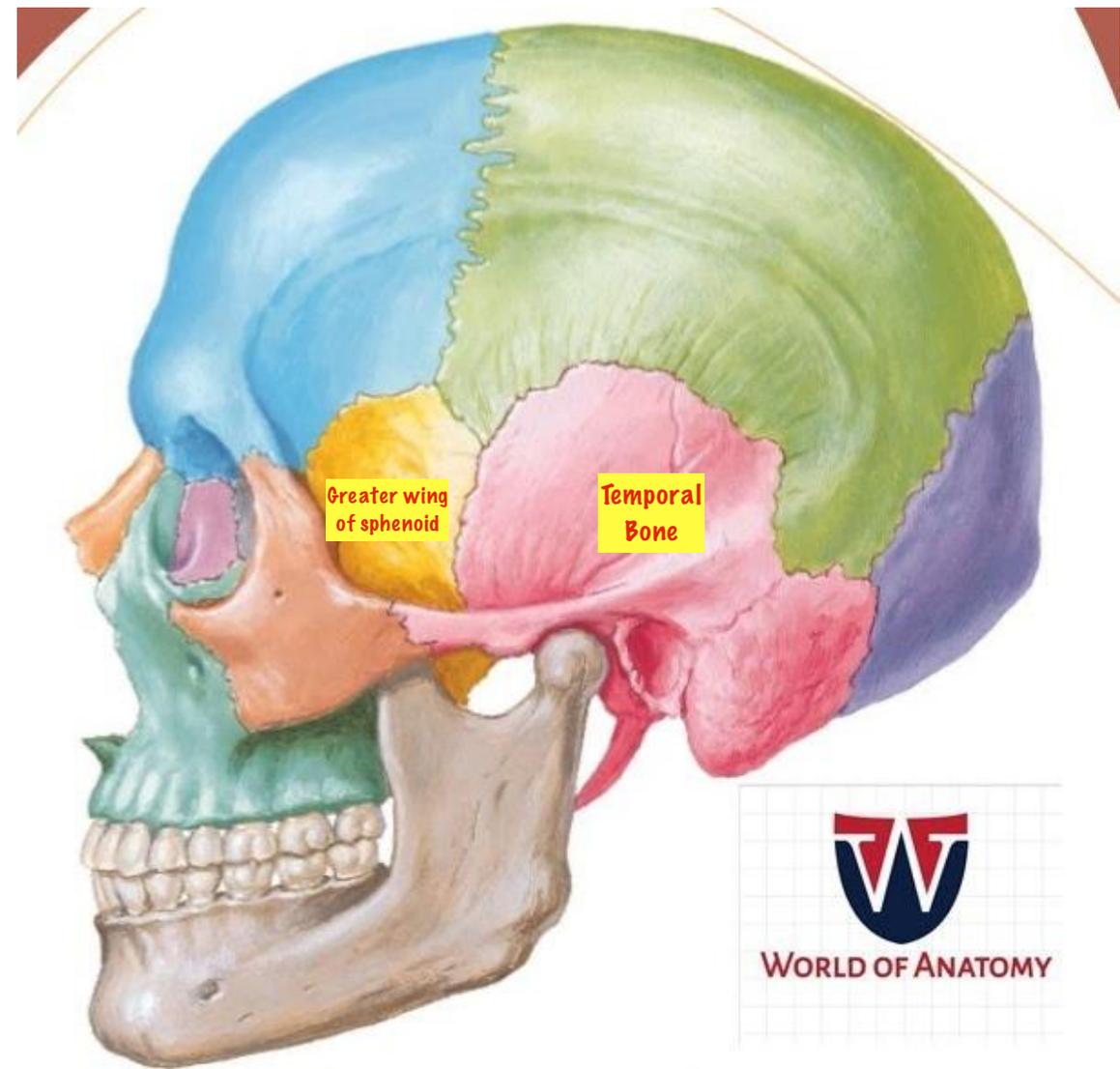
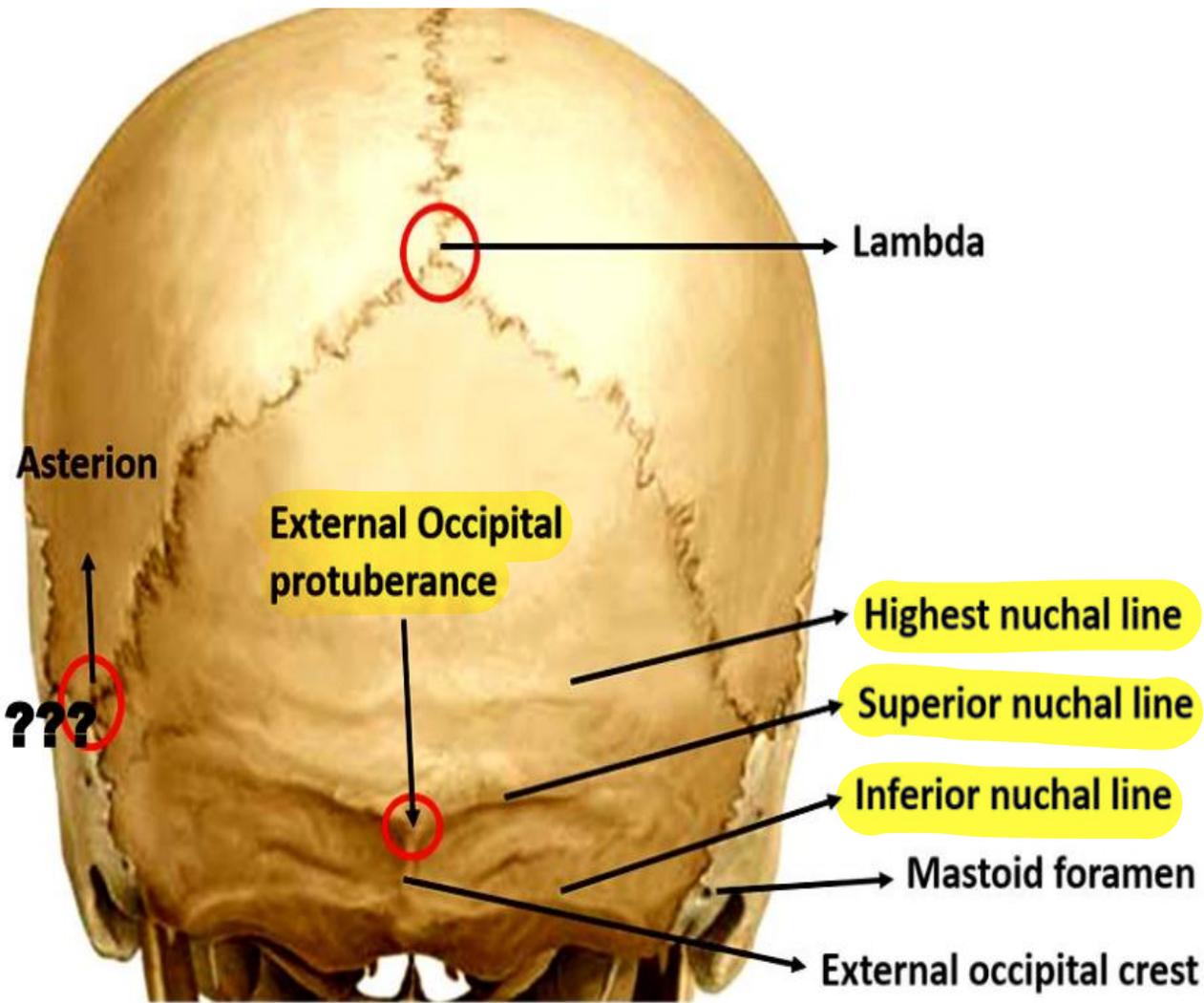
Identify this part ?

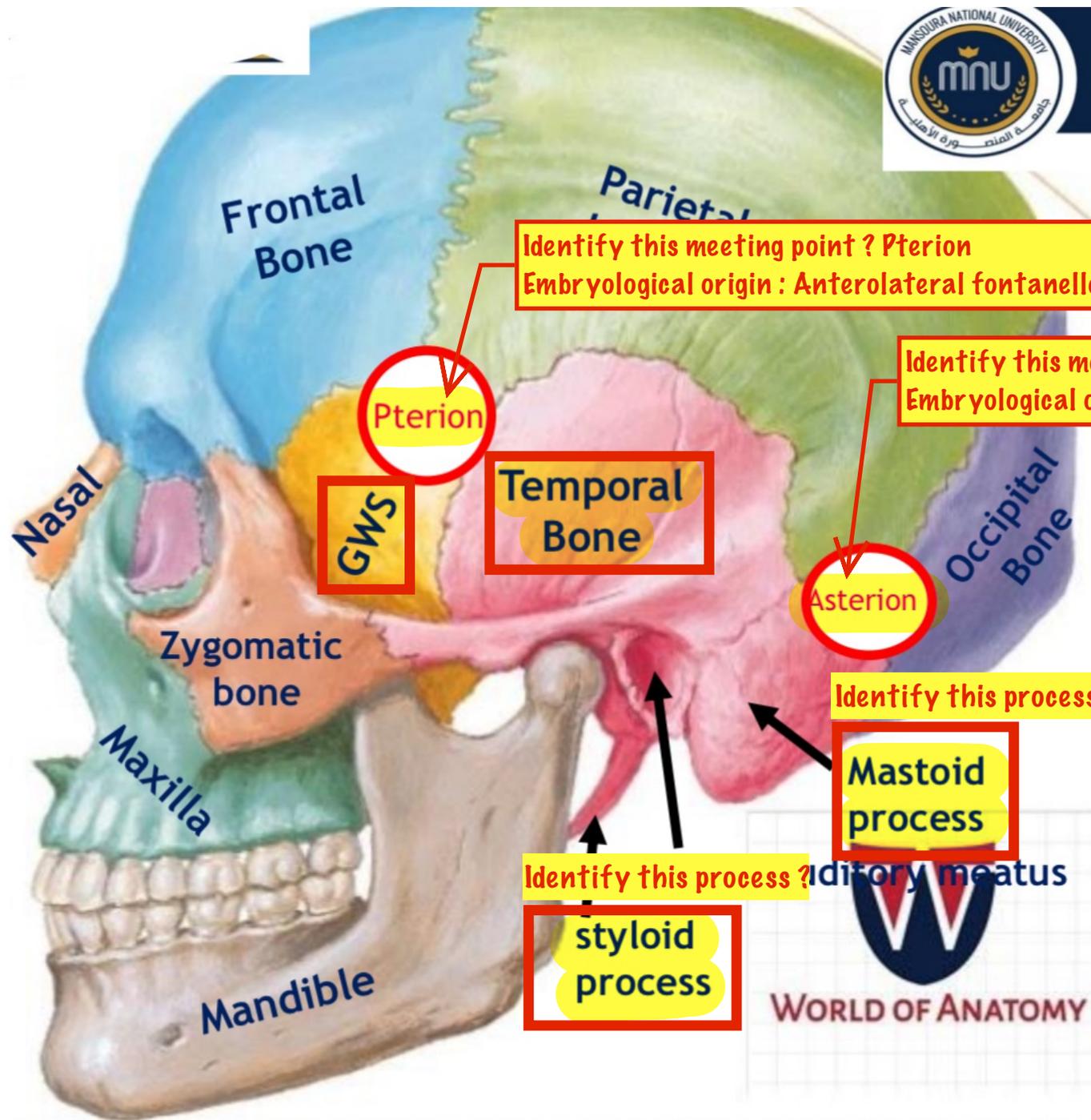
Name the Fibers originates from this part ?



Identify this point ? Bregma  
What is the embryological origin ? Anterior fontanelle

Identify this point ? Lambda  
What is the embryological origin ? Posterior fontanelle



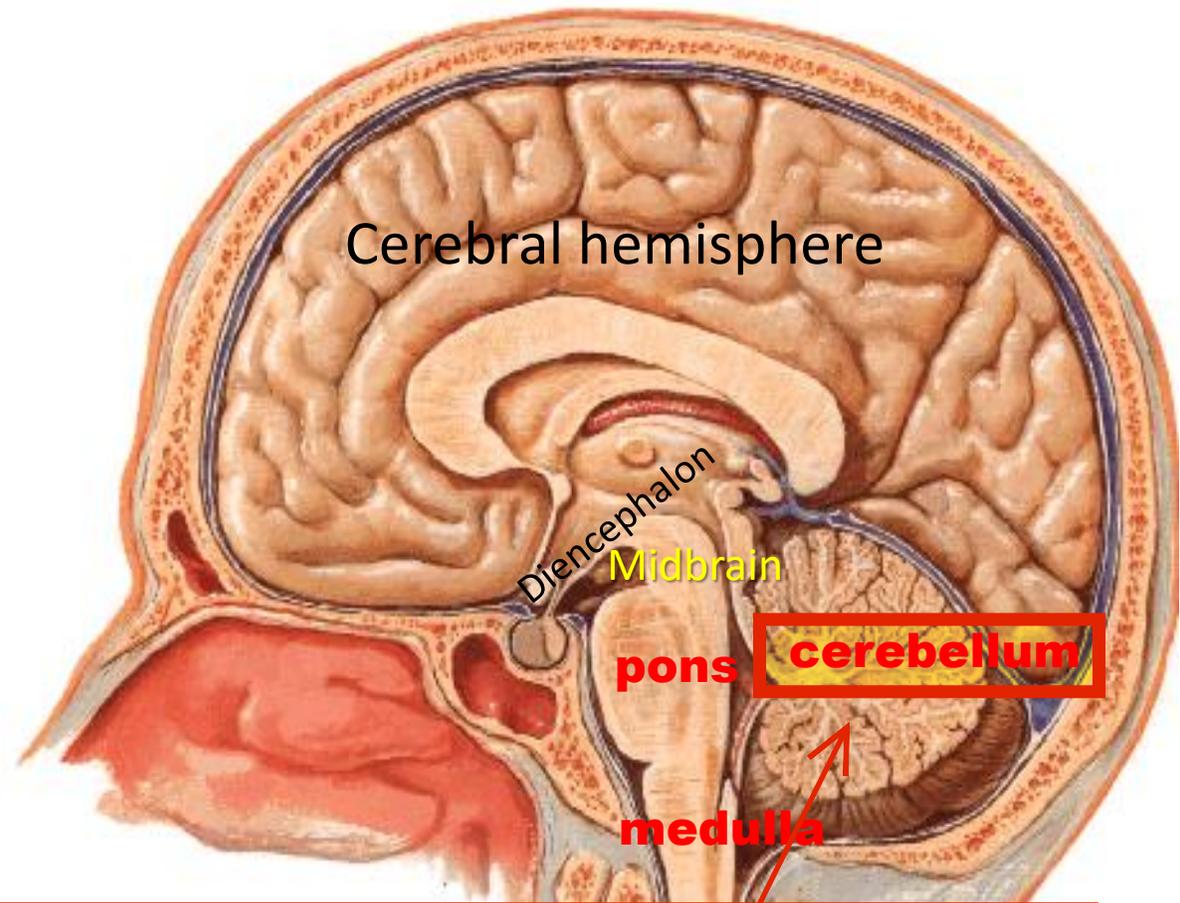
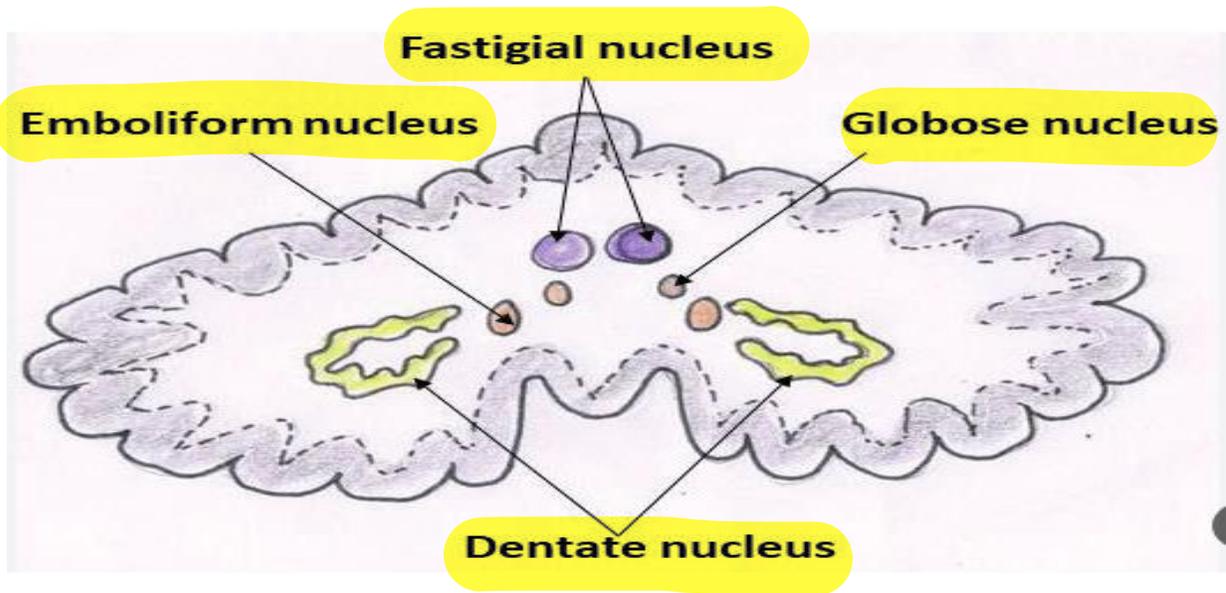


Identify this meeting point ? Pterion  
Embryological origin : Anterolateral fontanelle

Identify this meeting point ? Asterion  
Embryological origin : Posterolateral fontanelle

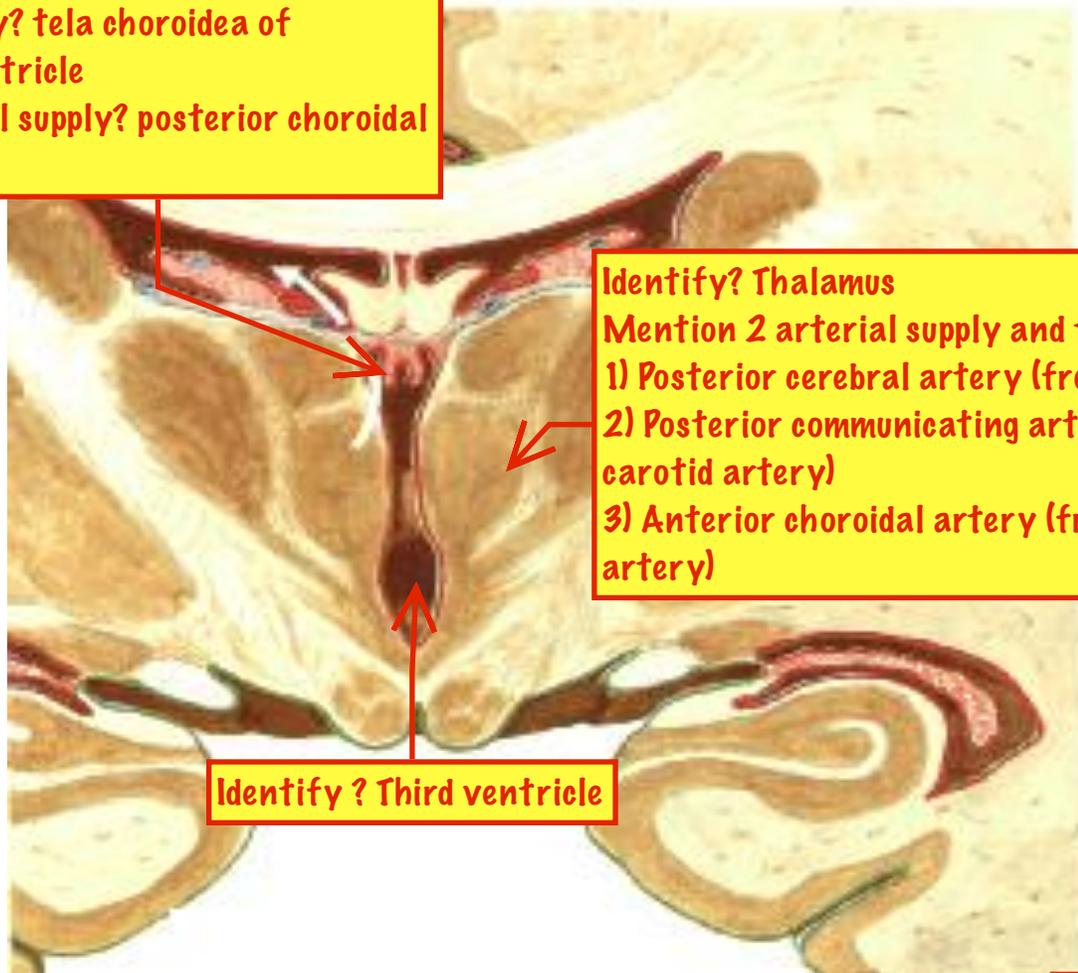
Identify this process ?

Identify this process ?



- \* Identify this structure ? Cerebellum
  - \* Mention it's deep nucleus?
- Fastigial - Globose - Emboliform - dentate
- \* Enumerate 2 arterial supply of this organ and their origin ?
- 1) Superior cerebellar artery (SCA) (Origin (basilar artery)
  - 2) Anterior inferior cerebellar artery (Aica) (Origin : basilar artery)
  - 3) Posterior inferior cerebellar artery (Pica) (Origin : vertebral artery)

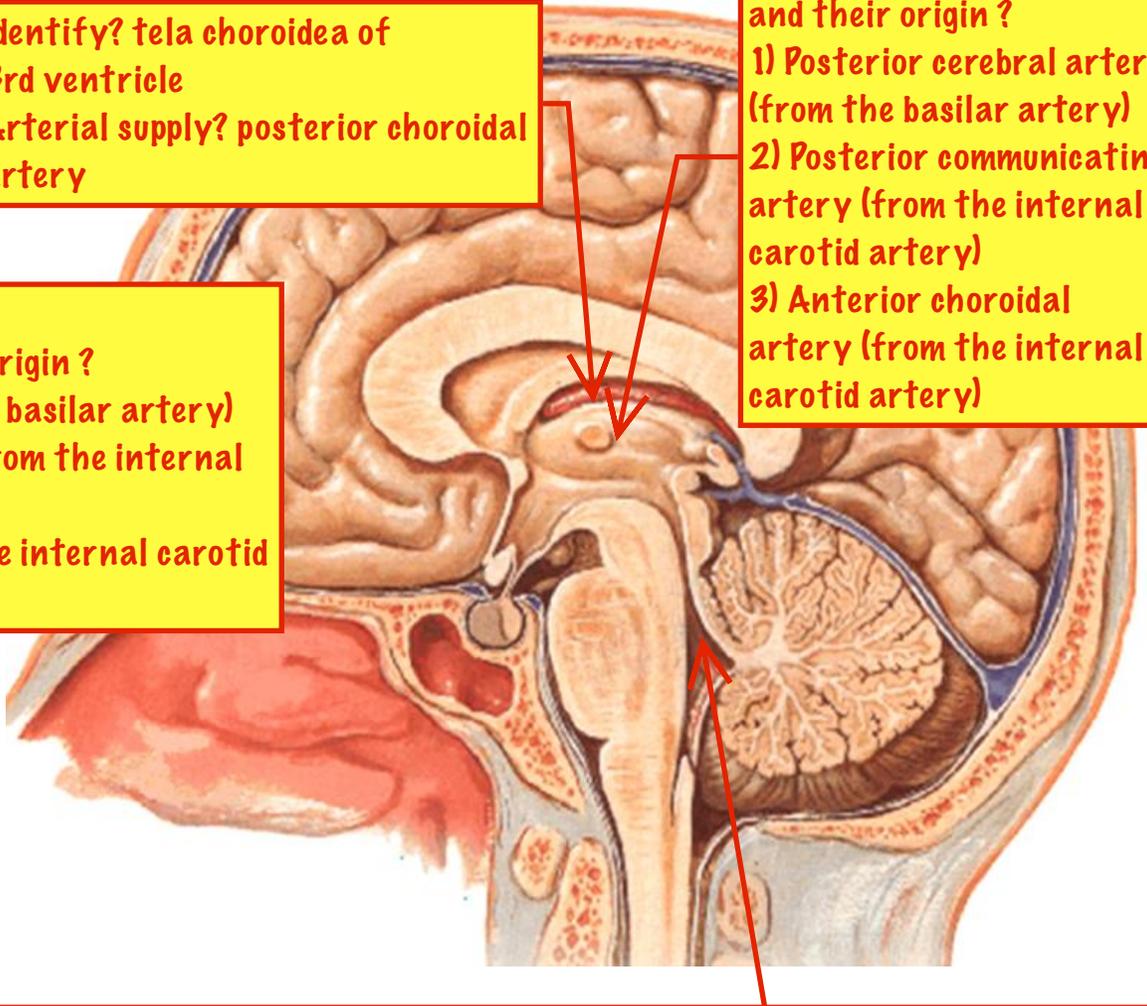
Identify? tela choroidea of 3rd ventricle  
Arterial supply? posterior choroidal artery



Identify? Thalamus  
Mention 2 arterial supply and their origin ?  
1) Posterior cerebral artery (from the basilar artery)  
2) Posterior communicating artery (from the internal carotid artery)  
3) Anterior choroidal artery (from the internal carotid artery)

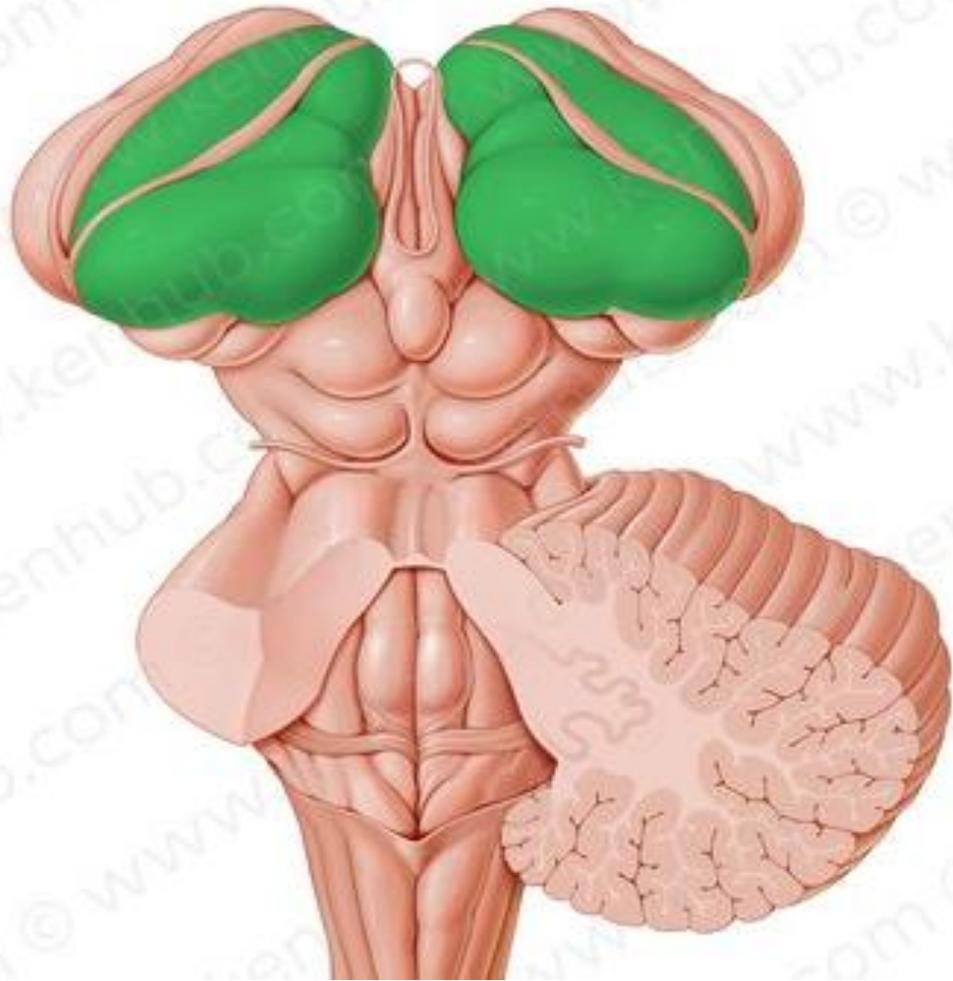
Identify ? Third ventricle

Identify? tela choroidea of 3rd ventricle  
Arterial supply? posterior choroidal artery



Identify ? Thalamus  
Mention 2 arterial supply and their origin ?  
1) Posterior cerebral artery (from the basilar artery)  
2) Posterior communicating artery (from the internal carotid artery)  
3) Anterior choroidal artery (from the internal carotid artery)

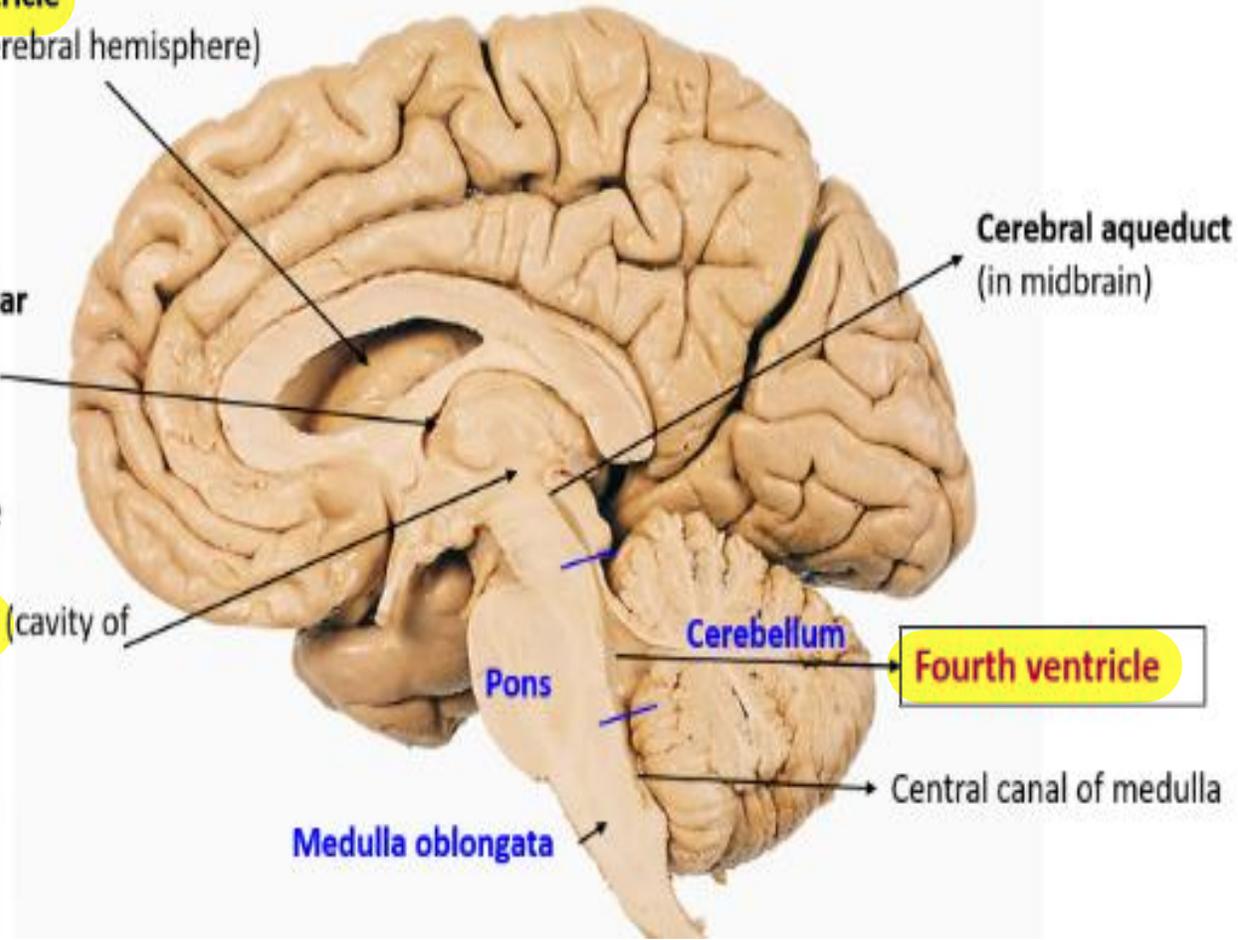
\* Identify this organ ? 3rd ventricle  
\* Enumerate cranial nerve nucleus in the floor of this cavity ?  
Abducent nucleus - Vestibular nuclei - Dorsal motor nucleus of the vagus - Hypoglossal nucleus.

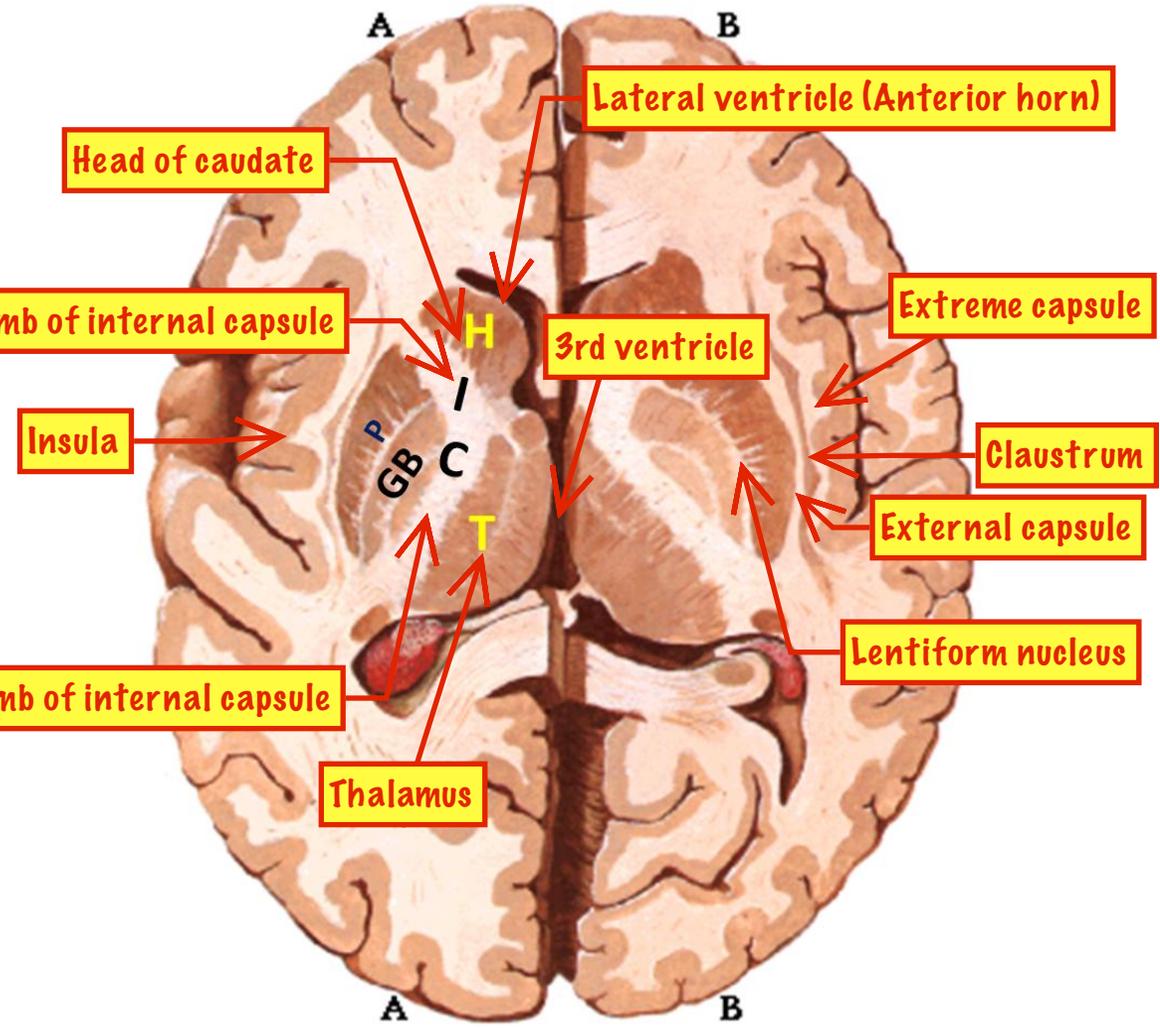
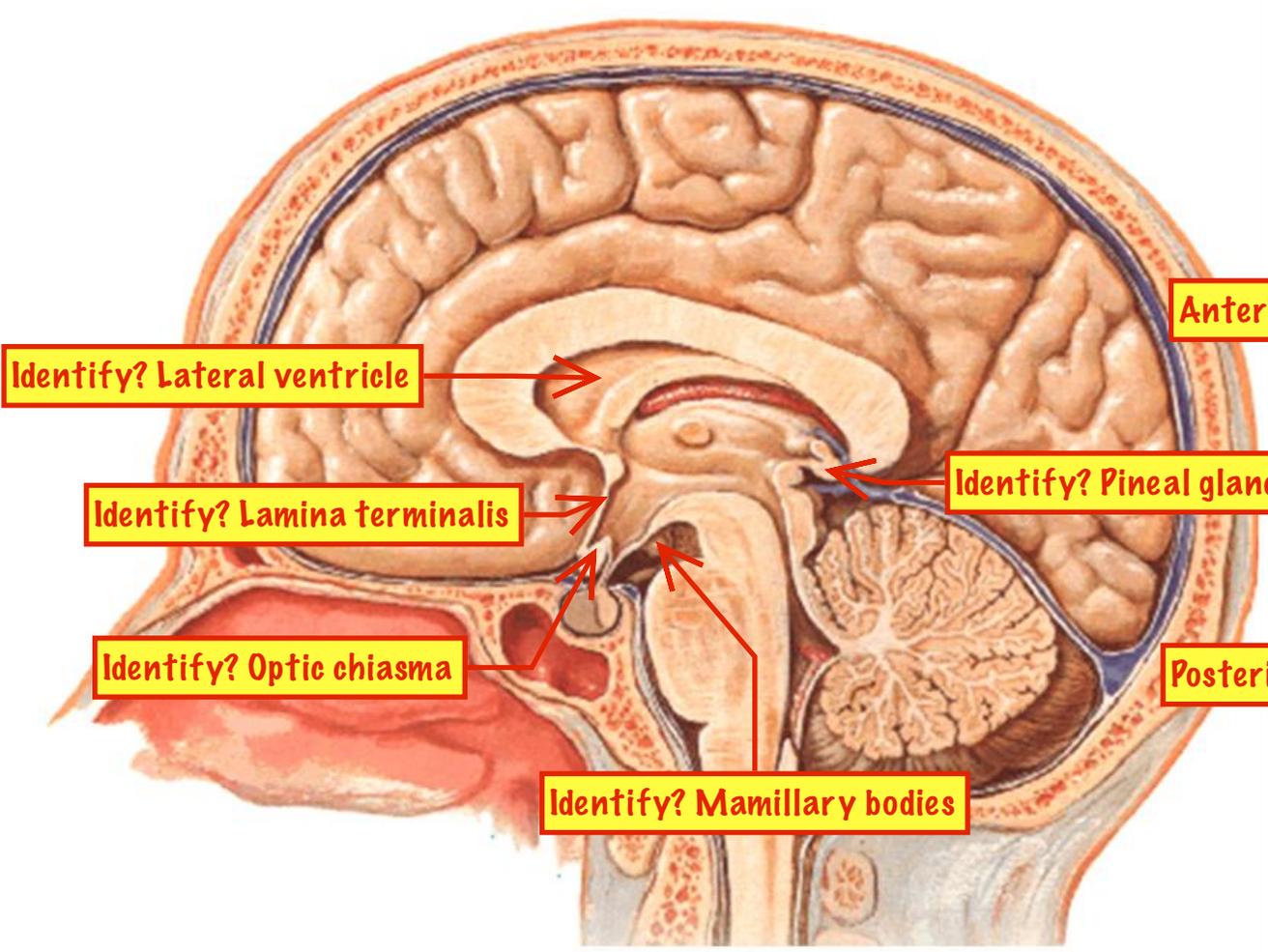


**Lateral ventricle**  
(cavity of cerebral hemisphere)

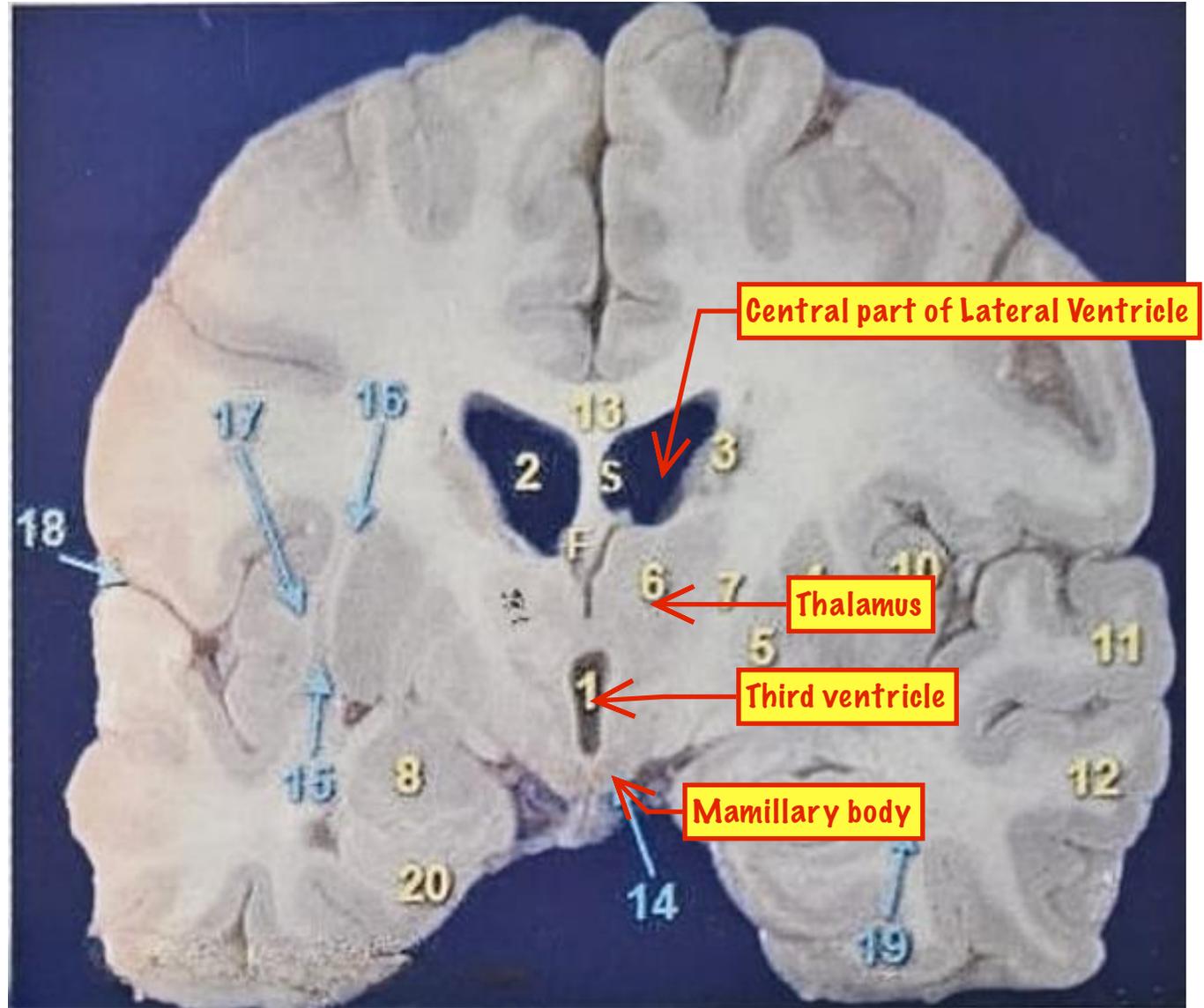
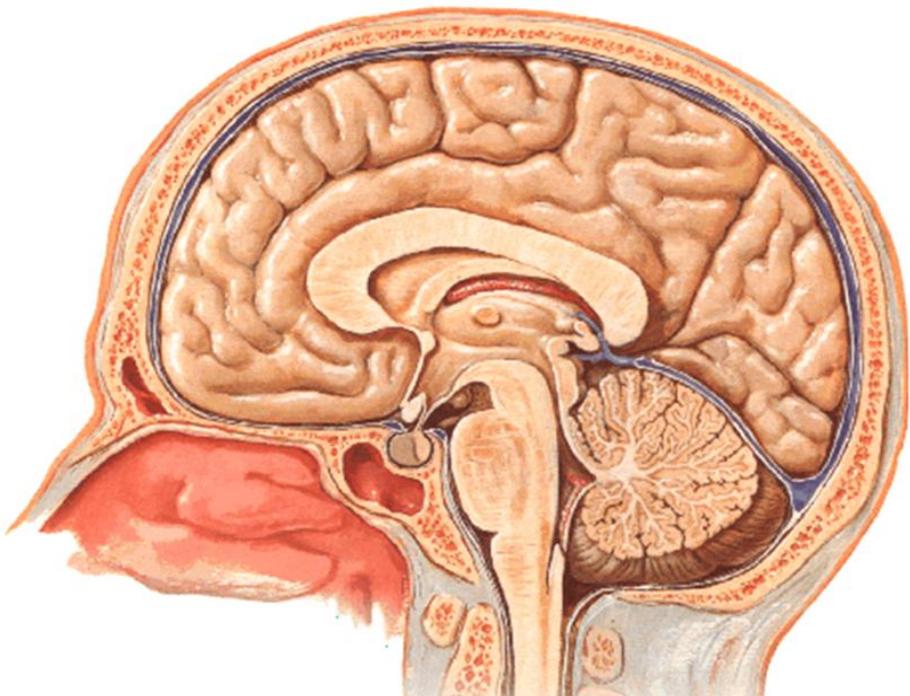
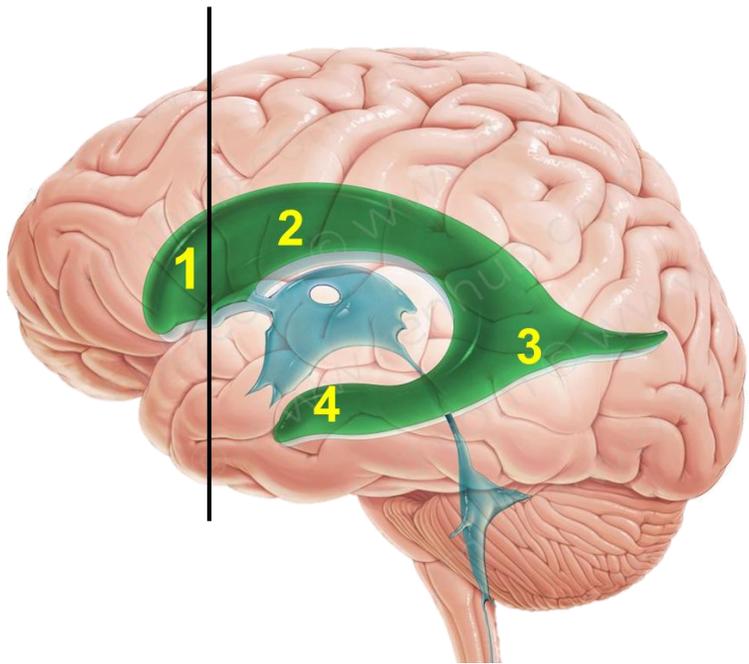
**Interventricular foramina**  
(connecting lateral and third ventricle)

**Third ventricle** (cavity of diencephalon)





**OSPE : Identify?**



**OSPE : Identify?**