



*Anatomy
Passion*



Lecture: Anatomy "Lab II"

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Lab 11

Nervous system

كَيْفَ عَرَفْتَهُ؟ medial surface

انه انا شايغ
ar corpus
callosum

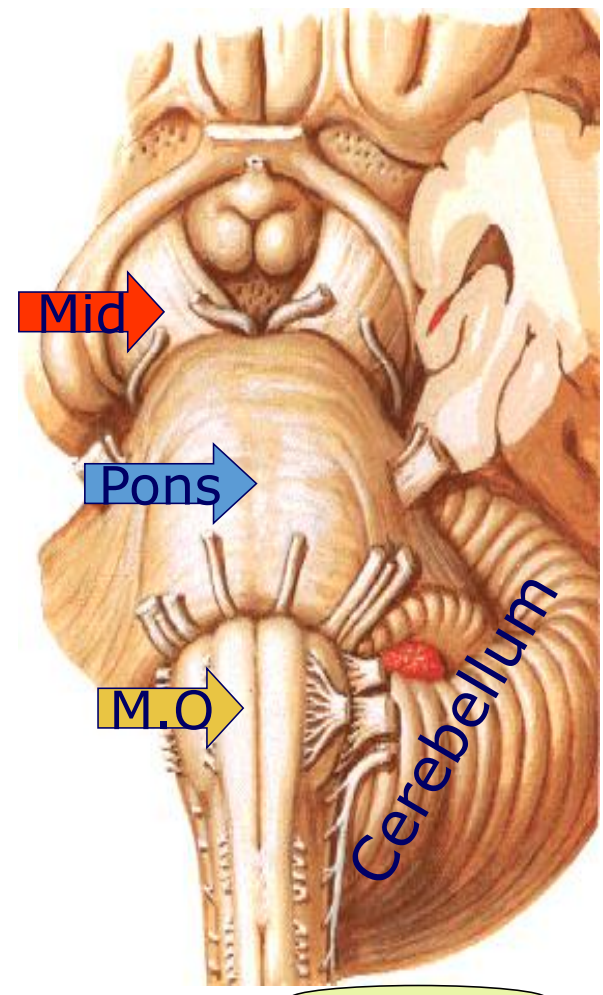
Cerebrum

← corpus
callosum

Brain stem

Cerebellum

Parts of the brain



Mid →

Pons →

M.O. →

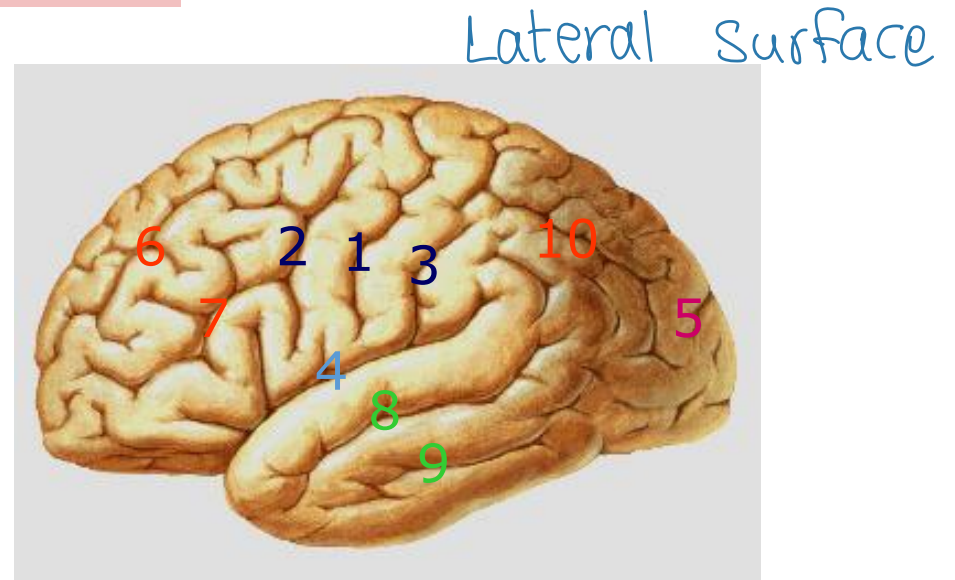
Cerebellum

Parts of the brain stem

Superolateral surface of cerebral hemisphere

▪ Sulci on the superolateral surface:

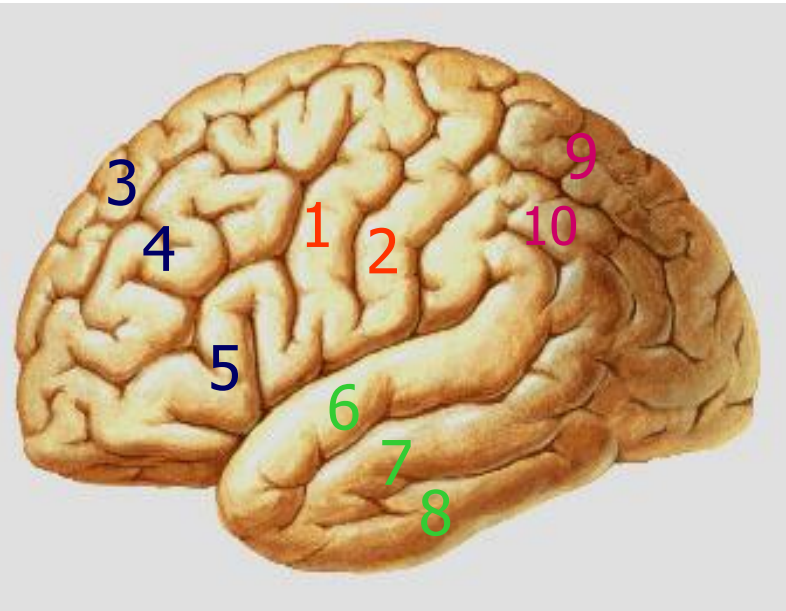
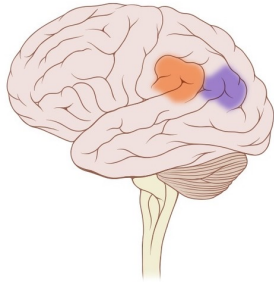
1. Central, 2. precentral & 3. postcentral sulci.
4. Lateral sulcus.
5. Parieto-occipital sulcus.
6. Superior & 7. inferior frontal sulci.
8. Superior & 9. inferior temporal sulci.
10. Intraparietal sulcus.



▪ Gyri on the superolateral surface:

1. Precentral & 2. Postcentral gyri.
3. Superior, 4. Middle & 5. Inferior frontal gyri.
6. Superior, 7. Middle & 8. Inferior temporal gyri.
9. Superior & 10. Inferior parietal lobules.
11. Angular gyrus (An).
12. Supramarginal gyrus (SM).

Supramarginal gyrus ■ Angular gyrus ■



Medial surface of cerebral hemisphere

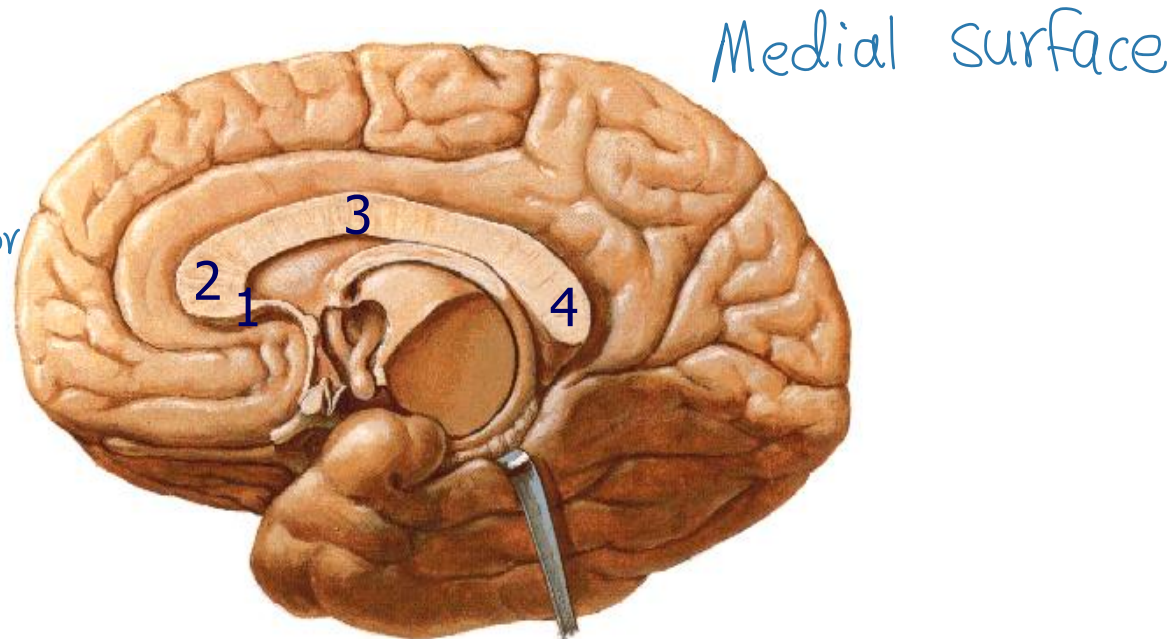
- The medial surface presents the *corpus callosum* formed of white matter & is divided into 4 parts; from anterior to posterior these parts are:

1. Rostrum. → inferior

2. Genu. → anterior

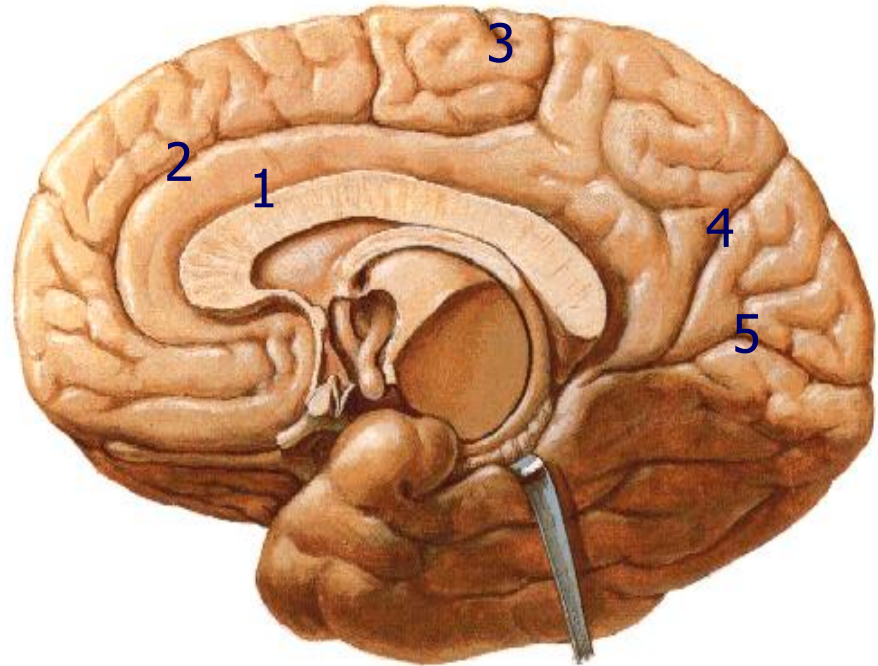
← اكر واحد 3. Body (trunk).

4. Splenium. → posterior



▪ Sulci on the medial surface:

1. Callosal sulcus.
2. Cingulate sulcus.
3. Central sulcus.
4. Parieto-occipital sulcus.
5. Calcarine sulcus.

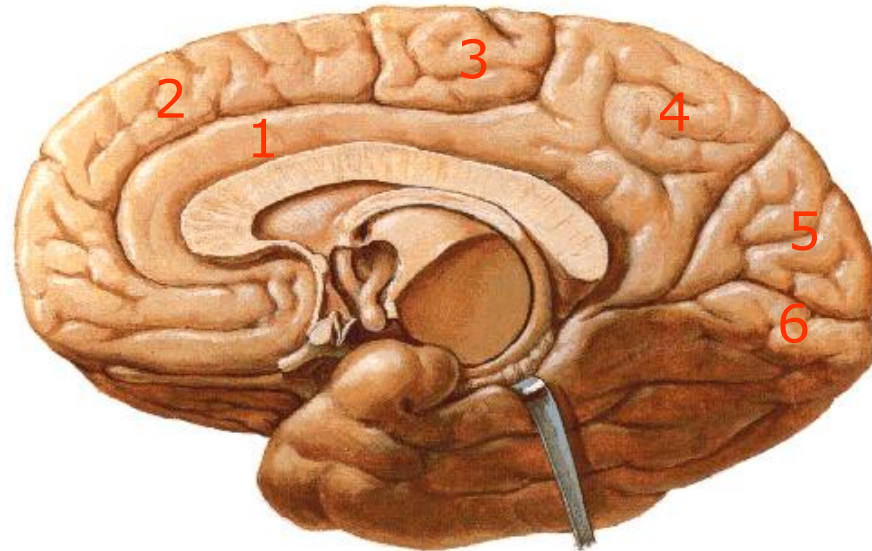


▪ Gyri on the medial surface:

1. Cingulate gyrus.
2. Medial frontal gyrus.
3. Paracentral lobule.
4. Precuneus.
5. Cuneus.
6. Lingual gyrus.

which one of the following Gyri is between the callosal sulcus and Cingulate sulcus ?

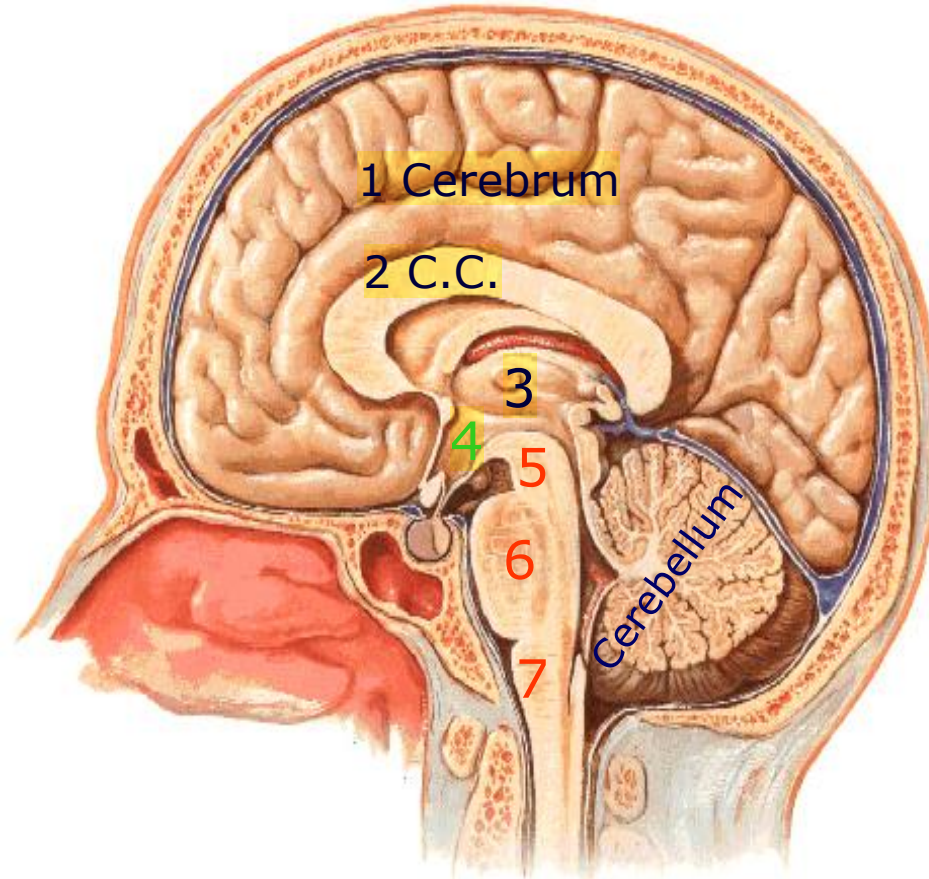
Cingulate gyrus



Median sagittal section of the brain:

From above downwards the following areas could be identified:

- 1- Medial surface of the cerebrum.
2. Corpus callosum with its 4 parts.
3. Thalamus.
4. Hypothalamus.
5. Mid brain.
6. Pons.
7. Medulla oblongata.
8. Cerebellum.





Thank You
Thank You
Thank You!!!!