Базальные ядра. Боковые желудочки

Зав.кафедрой фундаментальной медицины БФУ им.И.Канта

д.м.н., проф. В.А.Изранов

Компьютерная графика: Т. Зайцева

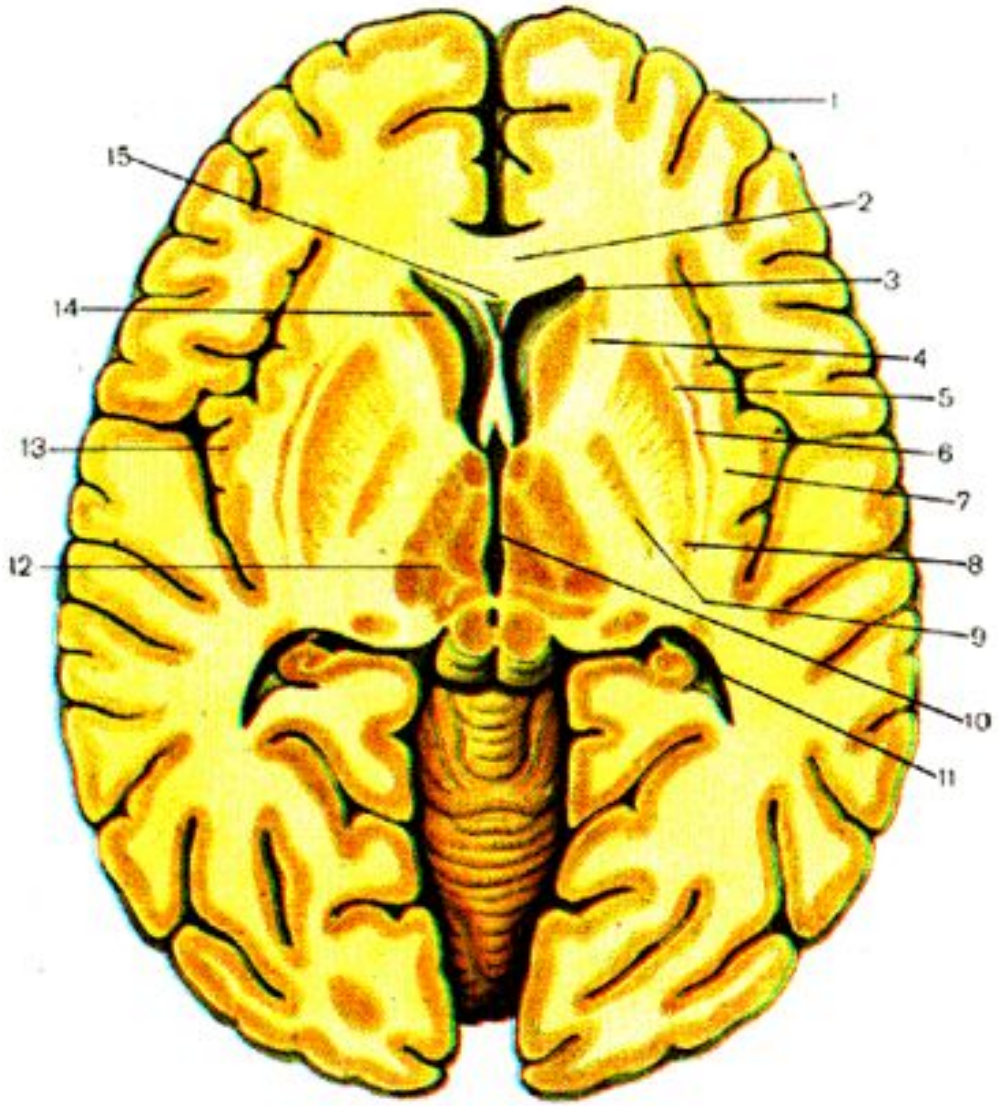
Nuclei basales

1. Nucleus caudatus
2. Nucleus lentiformis =
   putamen + globus pallidus

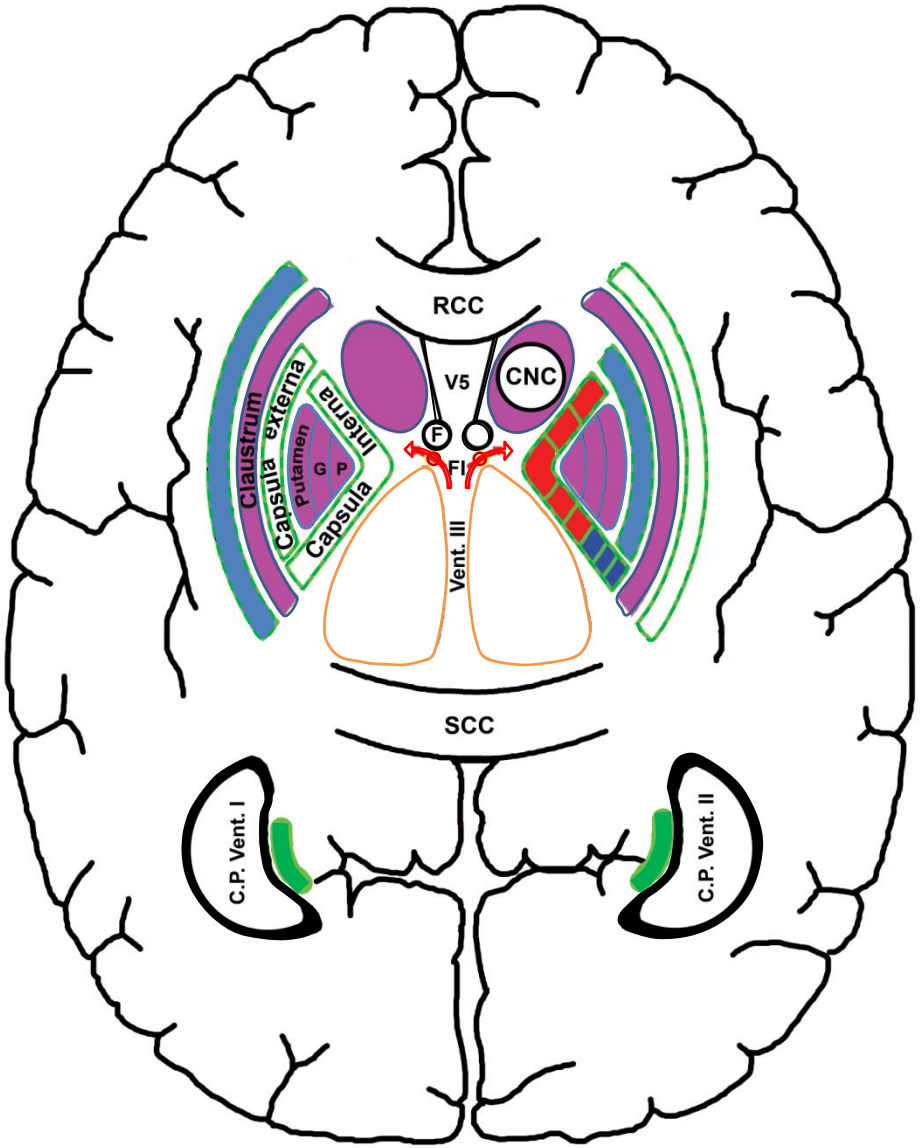
} **Corpus striatum**

3. Claustrum
4. Nucleus amigdaloideum

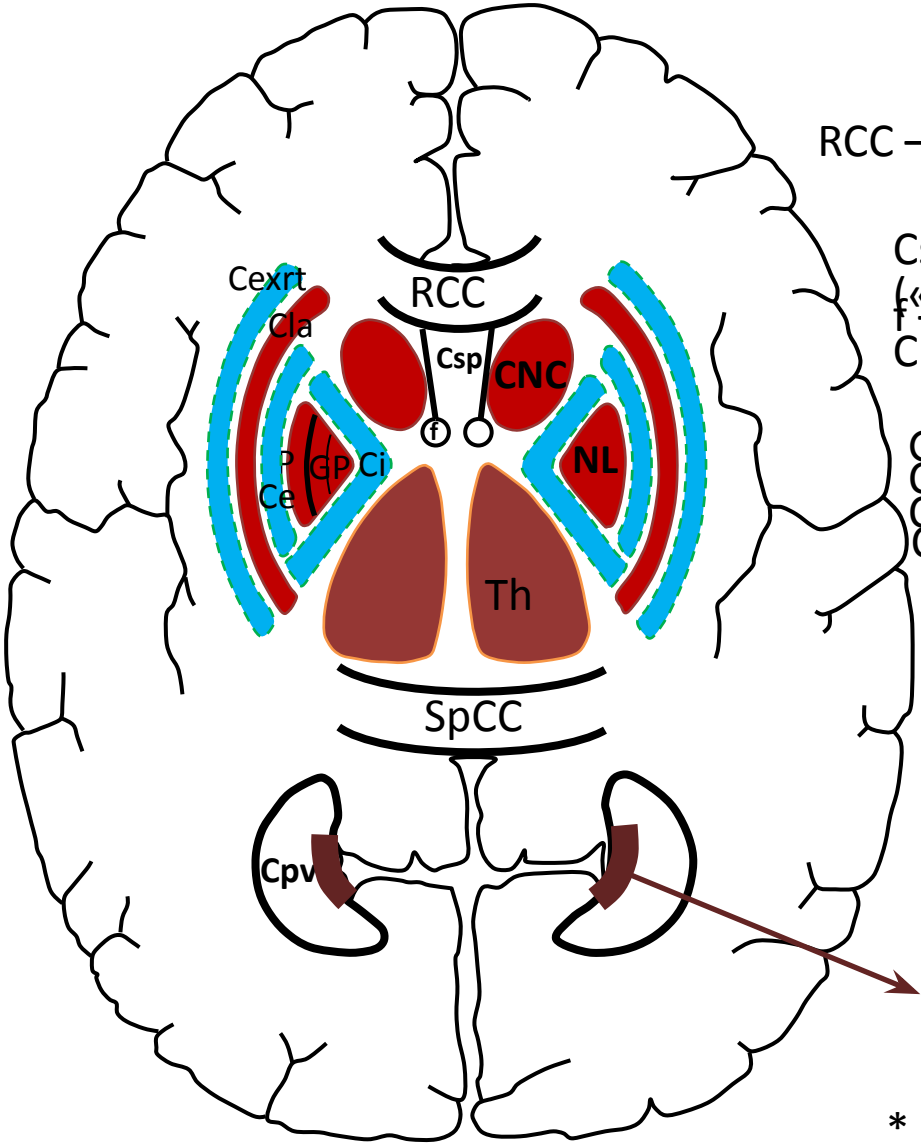
Горизонтальное сечение полушарий конечного мозга (рисунок из учебника М.Р. Сапина)



Горизонтальное сечение полушарий конечного мозга



Базальные ядра конечного мозга



RCC – rostrum corporis callosi

Csp – cavum septi pellucidi («пятый желудочек»)

f – fornix (columna fornicis)

CNC – caput nuclei caudati

NL – nucleus lentiformis

P – putamen

GP – globus pallidus

Ci – capsula interna

Cla – claustrum

Ce – capsula externa

Th - thalamus

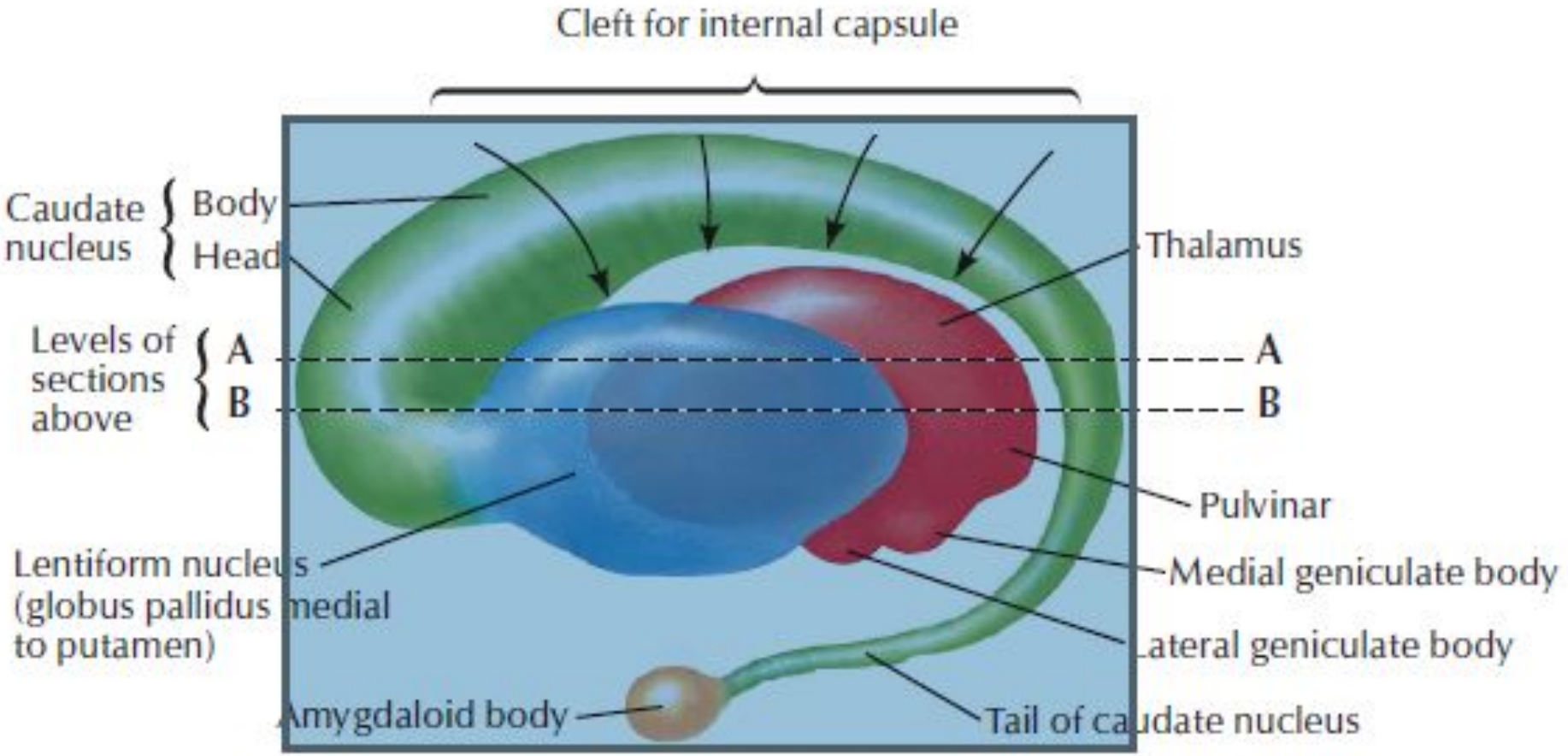
Cextr – capsula extrema

SpCC – splenium corporis callosi

Cpvl – cornu posterior ventriculi lateralis

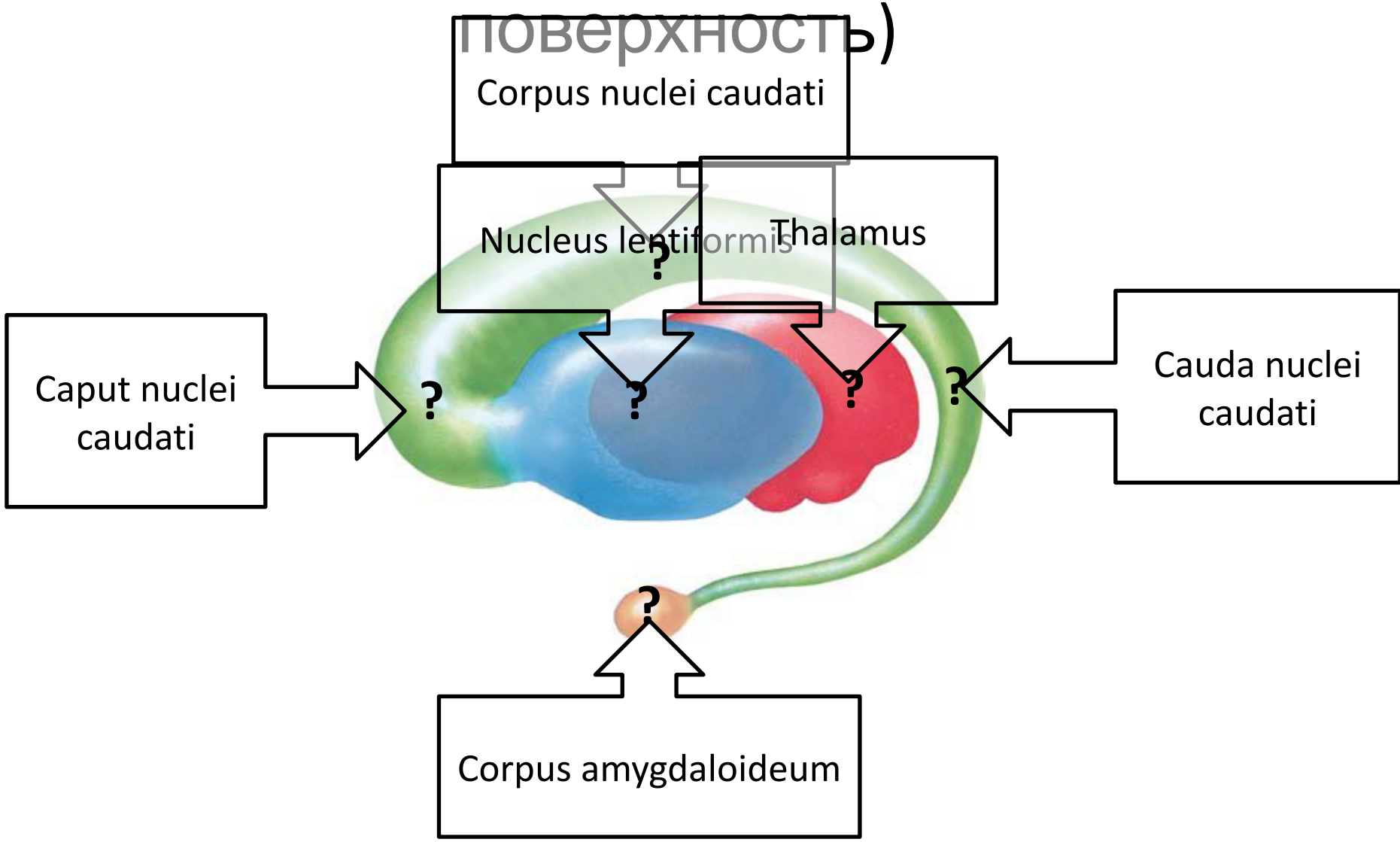
Ca – calcar avis – выпячивание на медиальной стенке заднего рога вследствие глубокого вдавления шпорной борозды

*

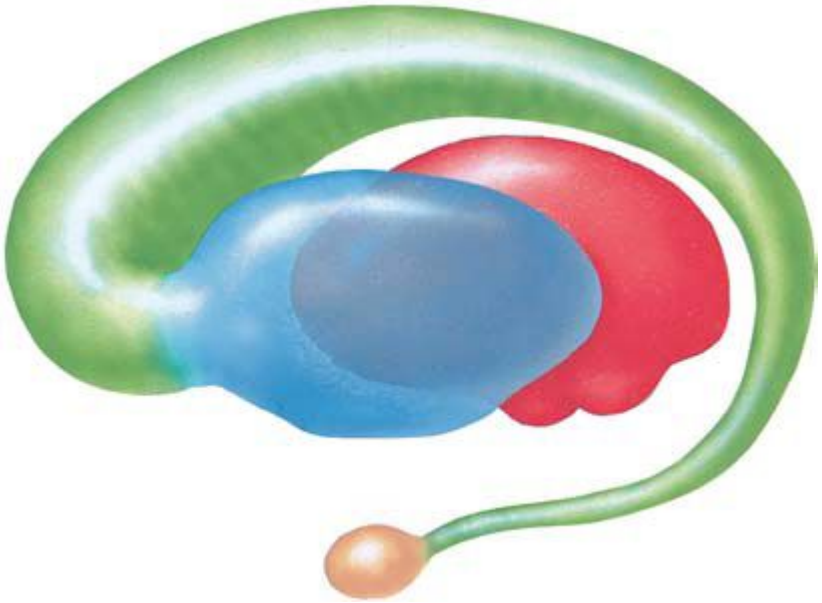


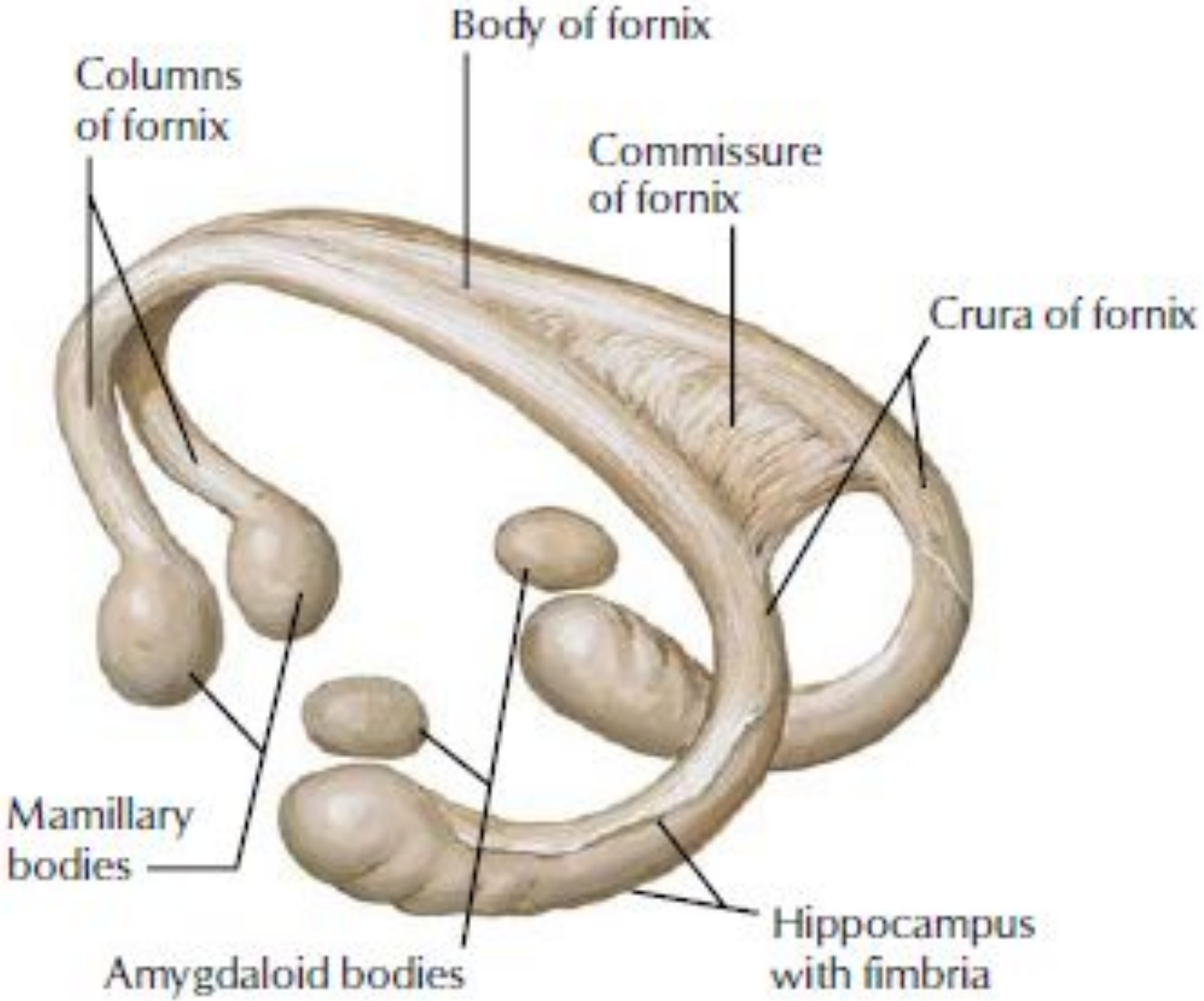
Interrelationship of thalamus, lentiform nucleus, caudate nucleus and amygdaloid body (schema): left lateral view

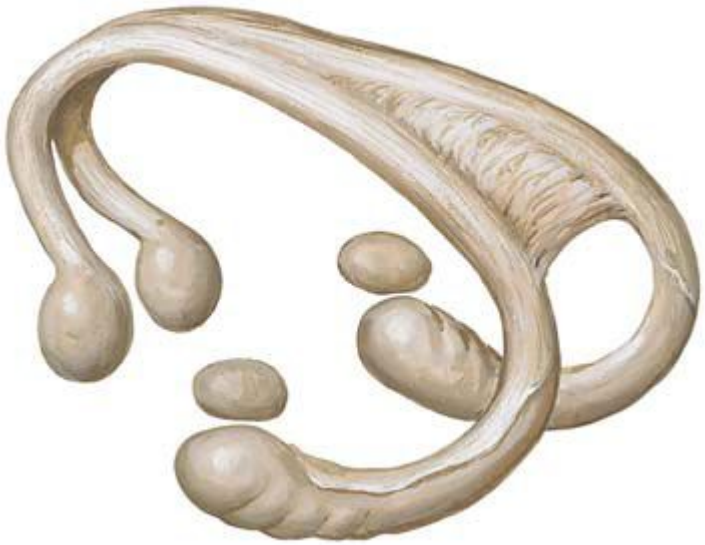
Взаимоотношения таламуса и базальных ядер (левая боковая поверхность)

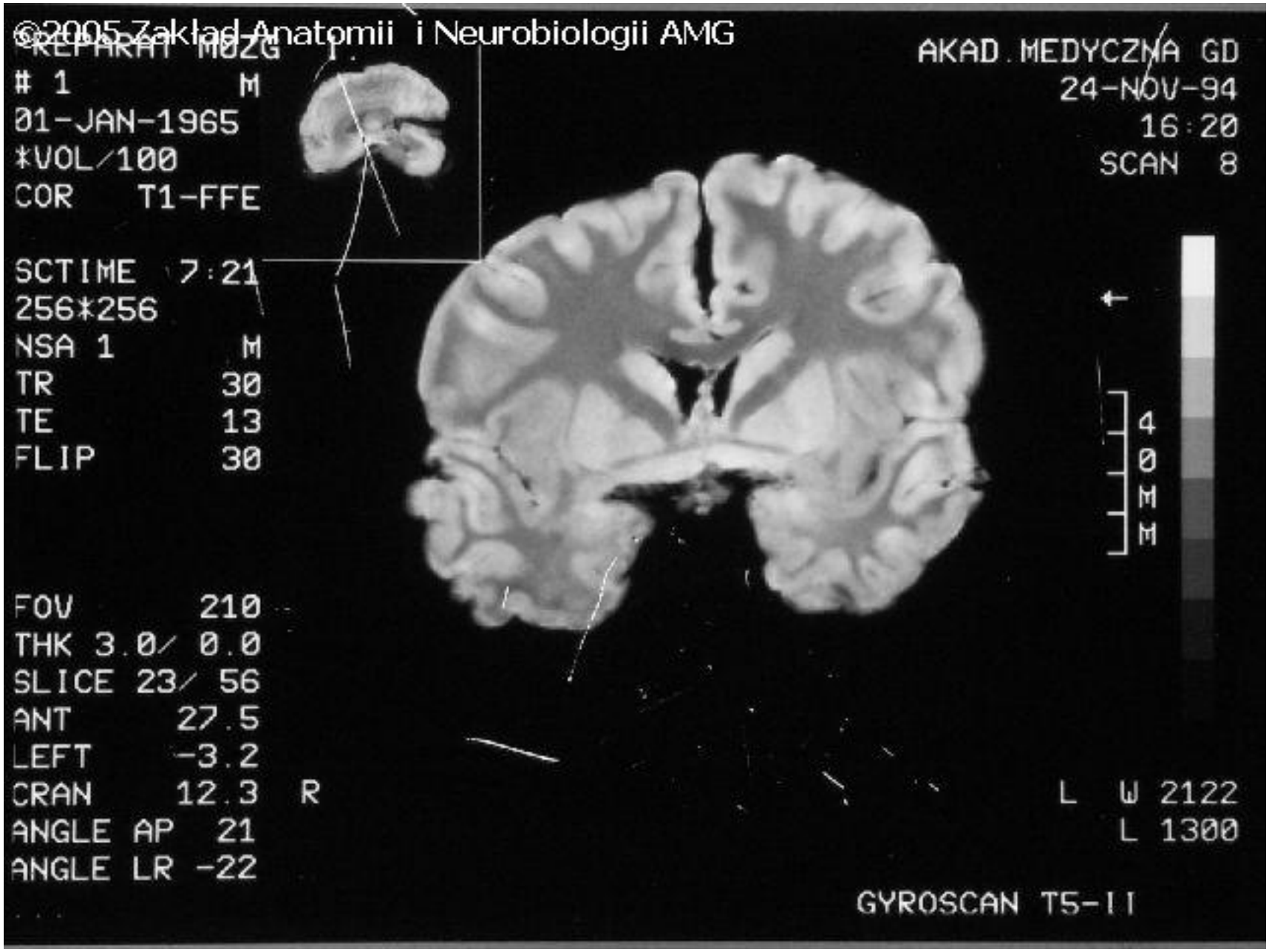


Взаимоотношения таламуса и базальных ядер (левая боковая поверхность)




Body of fornix
Columns of fornix
Commissure of fornix
Crura of fornix
Mamillary bodies
Amygdaloid bodies
Hippocampus with fimbria




©2005 Zakład Anatomii i Neurobiologii AMG
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SCAN 8
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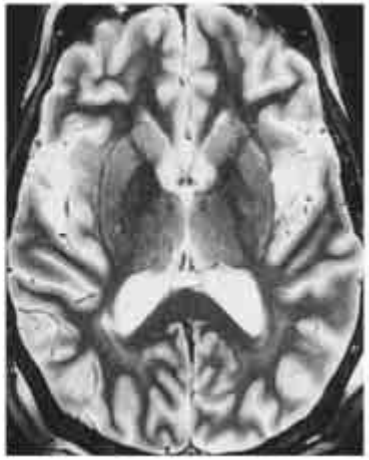
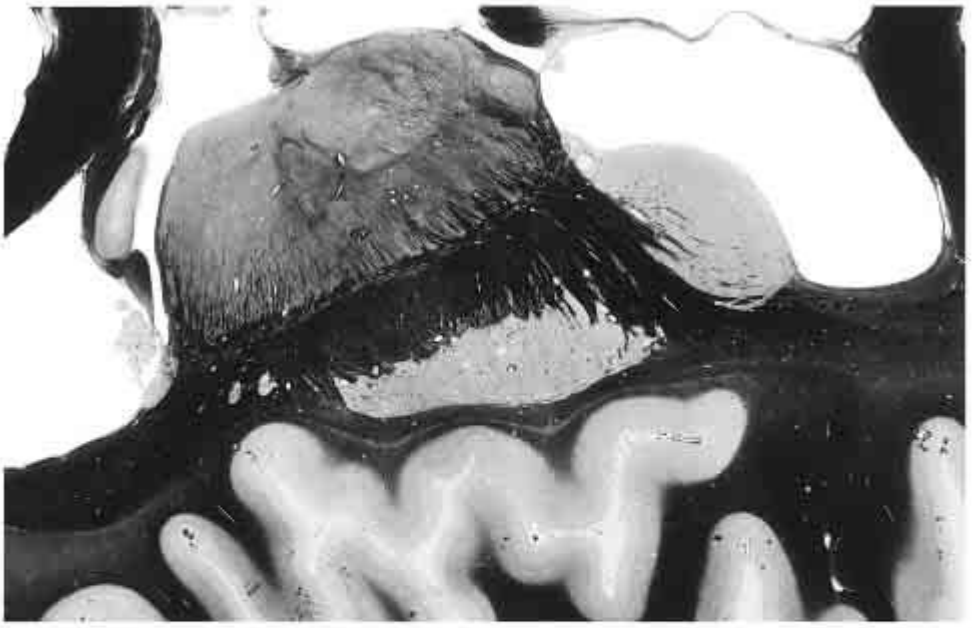
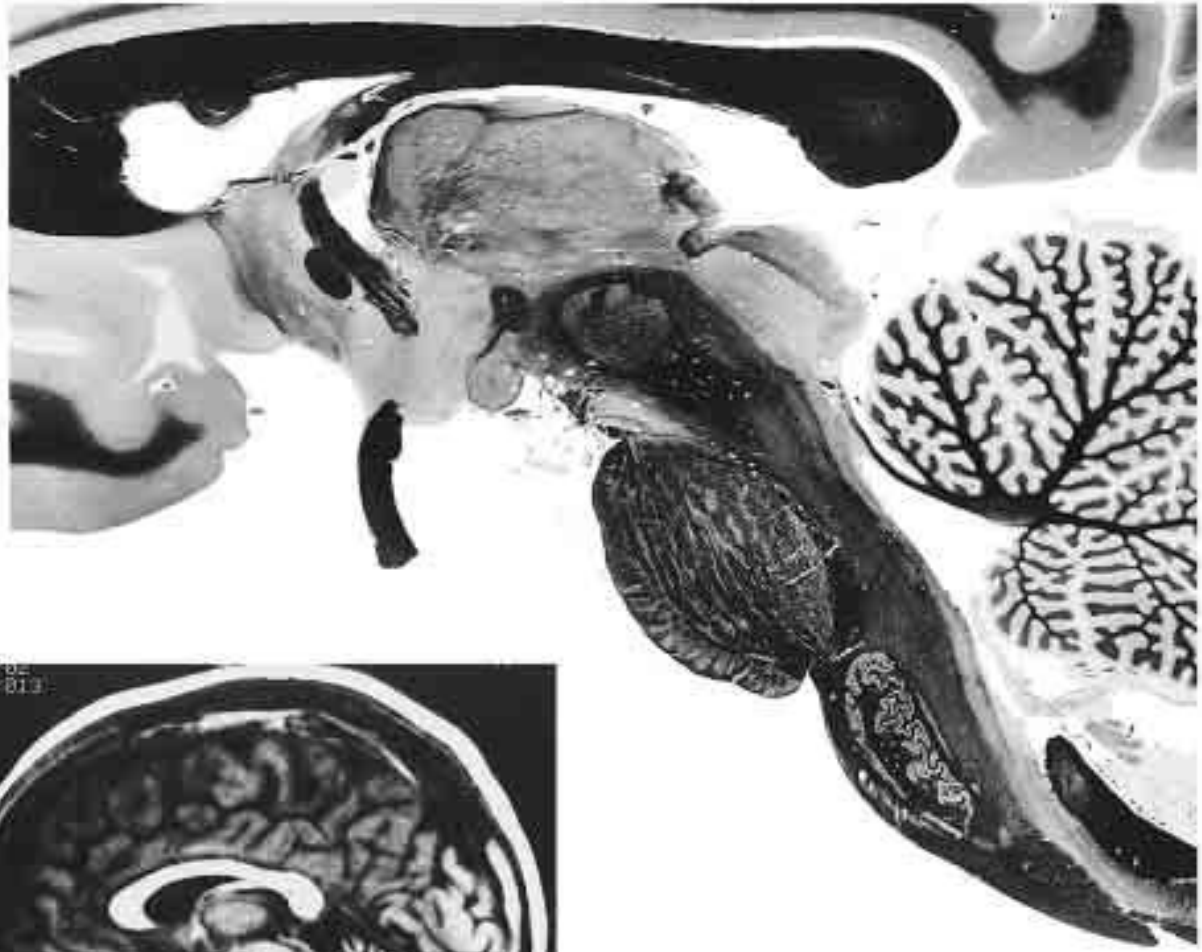
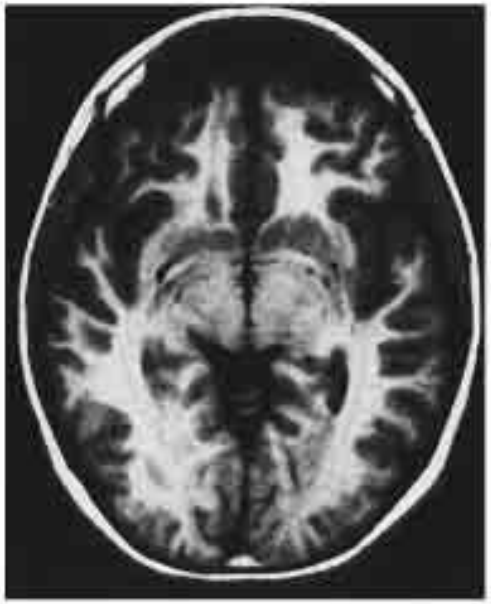
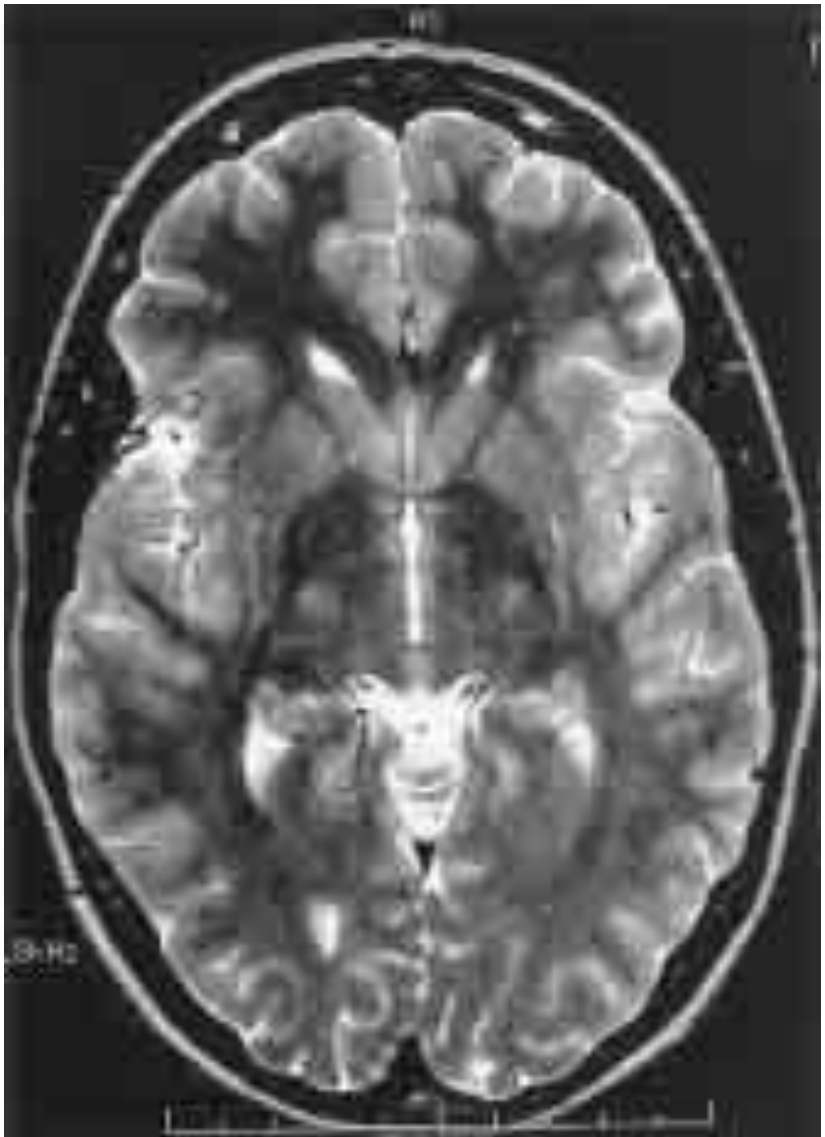
L 1300
GYROSCAN T5-II

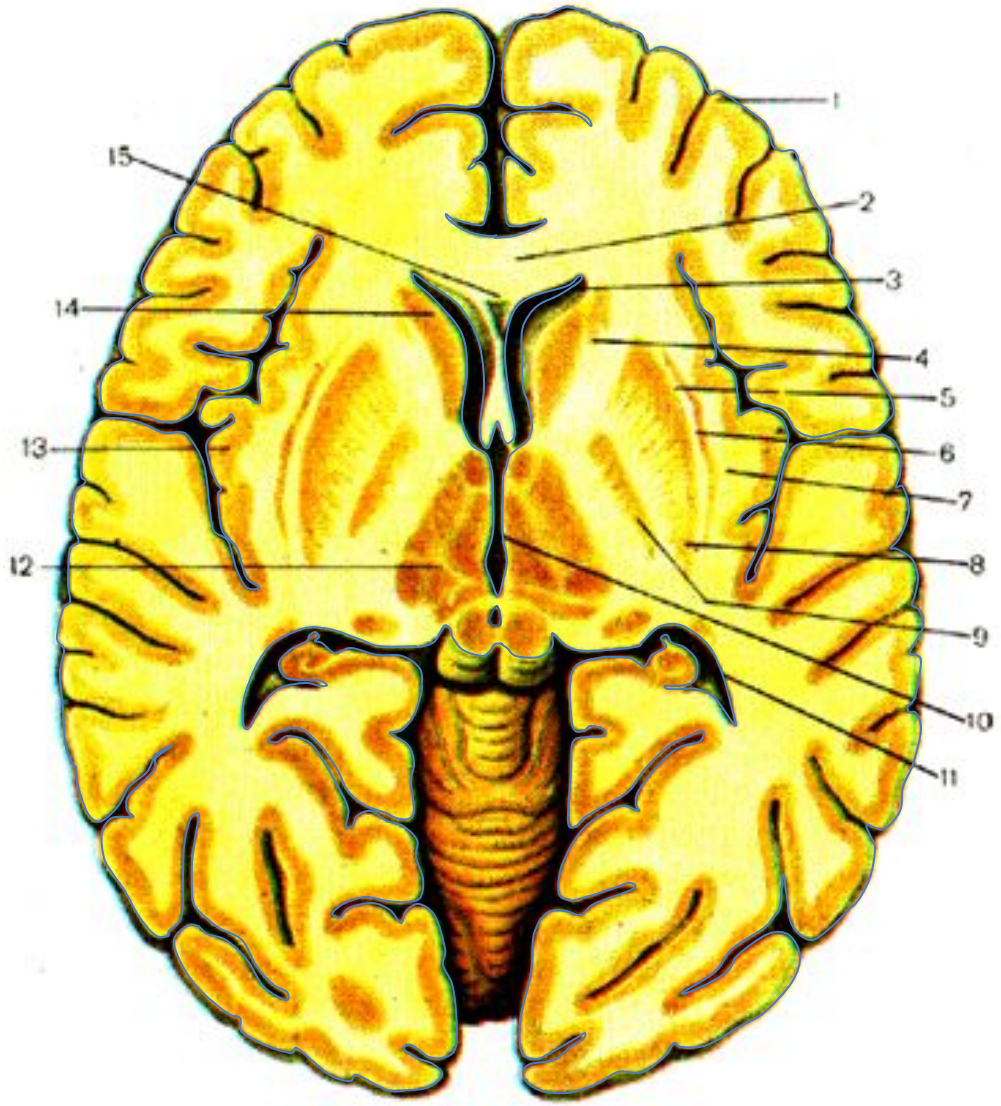








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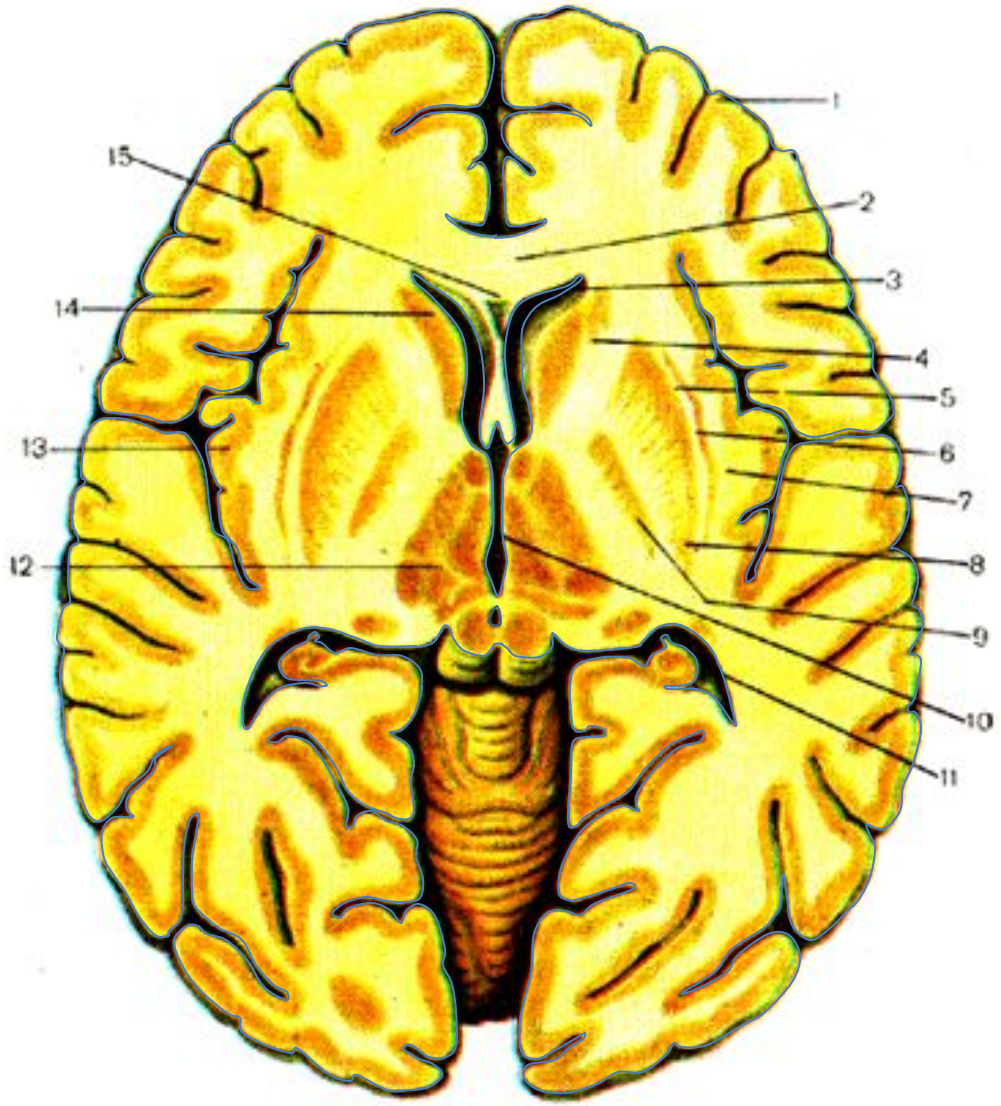
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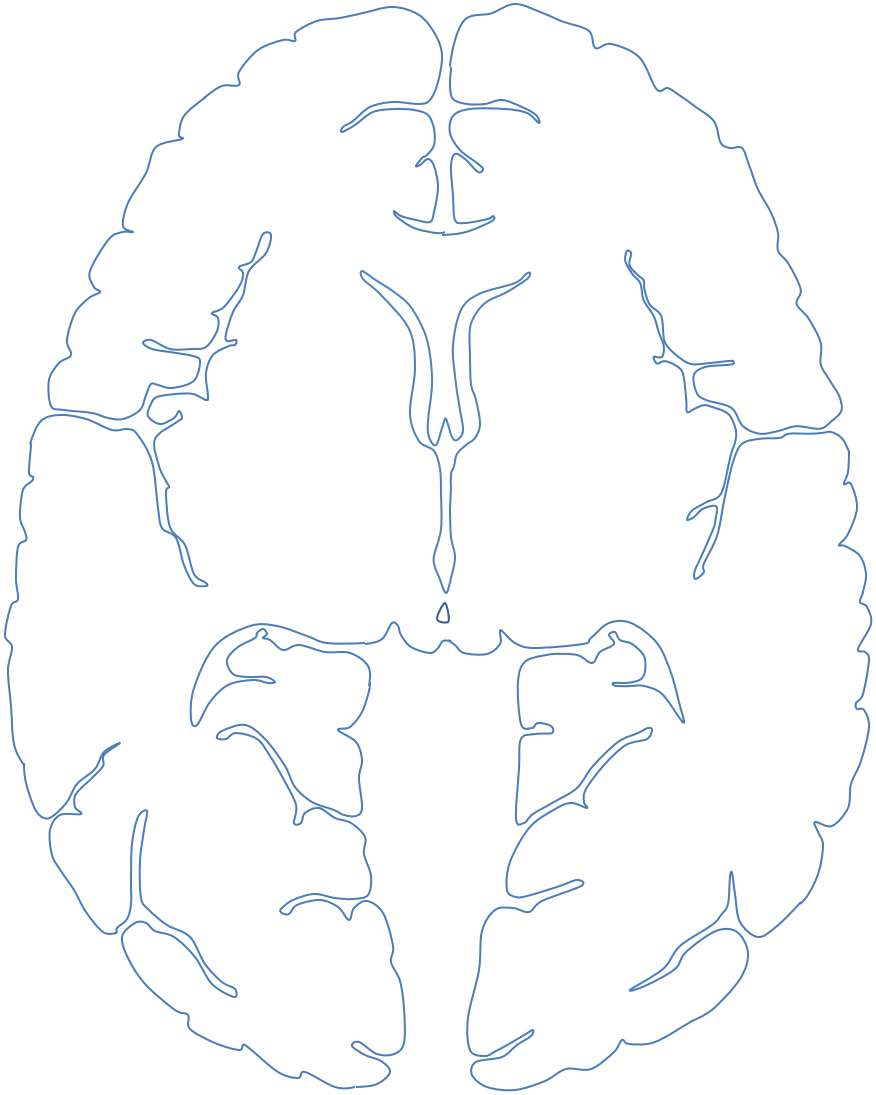
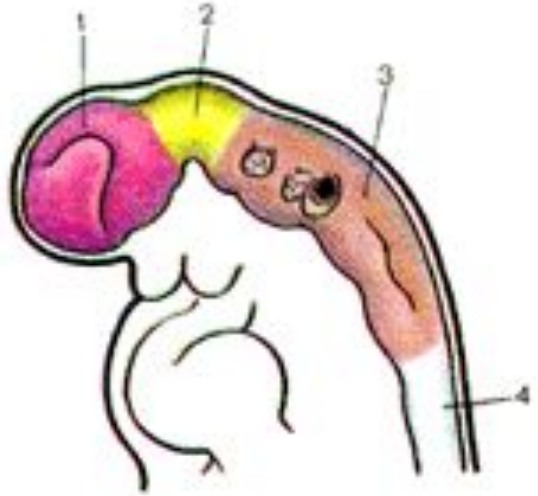


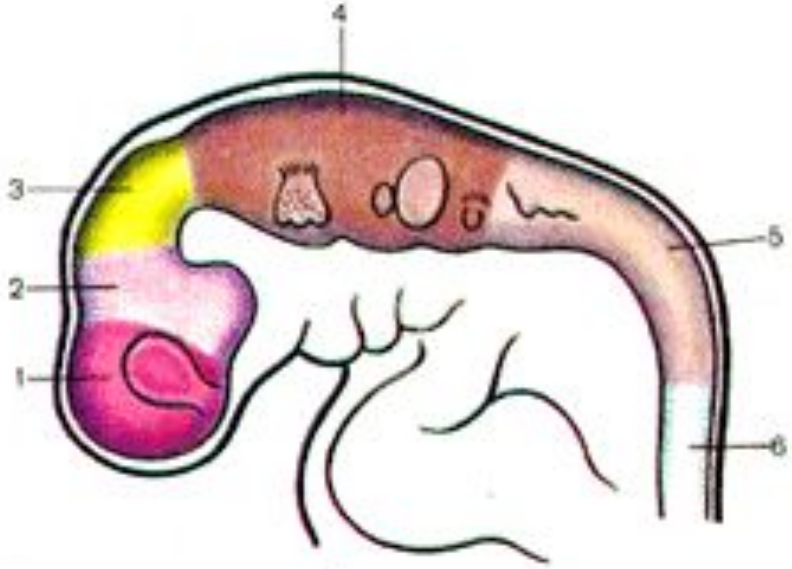
ДОПОЛНИТЕЛЬНЫЙ МАТЕРИАЛ

Рис. 110. Головной мозг эмбриона человека на стадиях трех (А) и пяти (Б) мозговых пузырей.



А

А – 3 1/2 нед:
1 – prosencephalon;
2 – mesencephalon;
3 – rhombencephalon;
4 – medulla spinalis.



Б

Б – 4 нед:
1 – telencephalon;
2 – diencephalon;
3 – mesencephalon;
4 – metencephalon;
5 – myelencephalon;
6– medulla spinalis.

Мозговые пузыри и их производные

Стадия 3-х мозговых пузырей (25 дней)	Стадия 5 мозговых пузырей (28 дней)	Полости головного мозга – производные мозговых пузырей	Отделы головного мозга – производные мозговых пузырей
	Tel	Боковые желудочки (I, II)	Hemispheria cerebri, corpus callosum, fornix, septum pellucidum, comissura anterior
Pro	Di	III желудочек	Thalamus, epiphysis; Hypothalamus (corpora mamillaria, tuber cinereum, infundibulum, chiasma, tractus opticus)
Mes	Mes	Aquaeductus cerebri (Sylvii)	Pedunculus cerebri, lamina quadrigemina
Rhomb	Met	IV желудочек	Pons, cerebellum
	Miel		Medulla oblongata

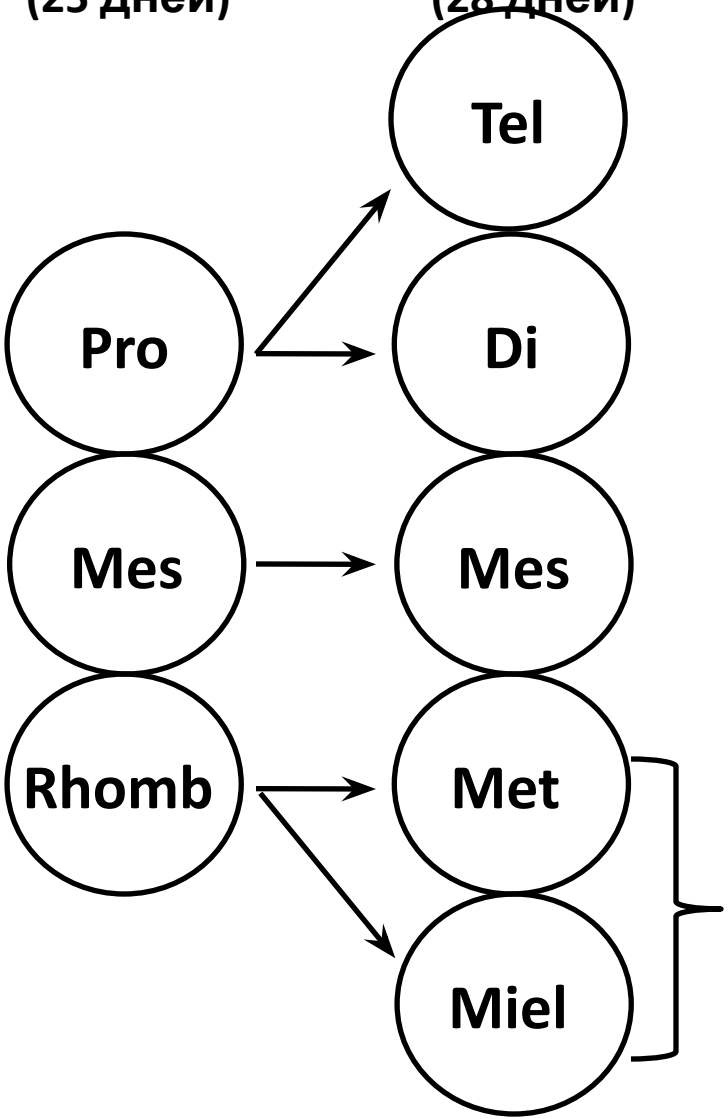
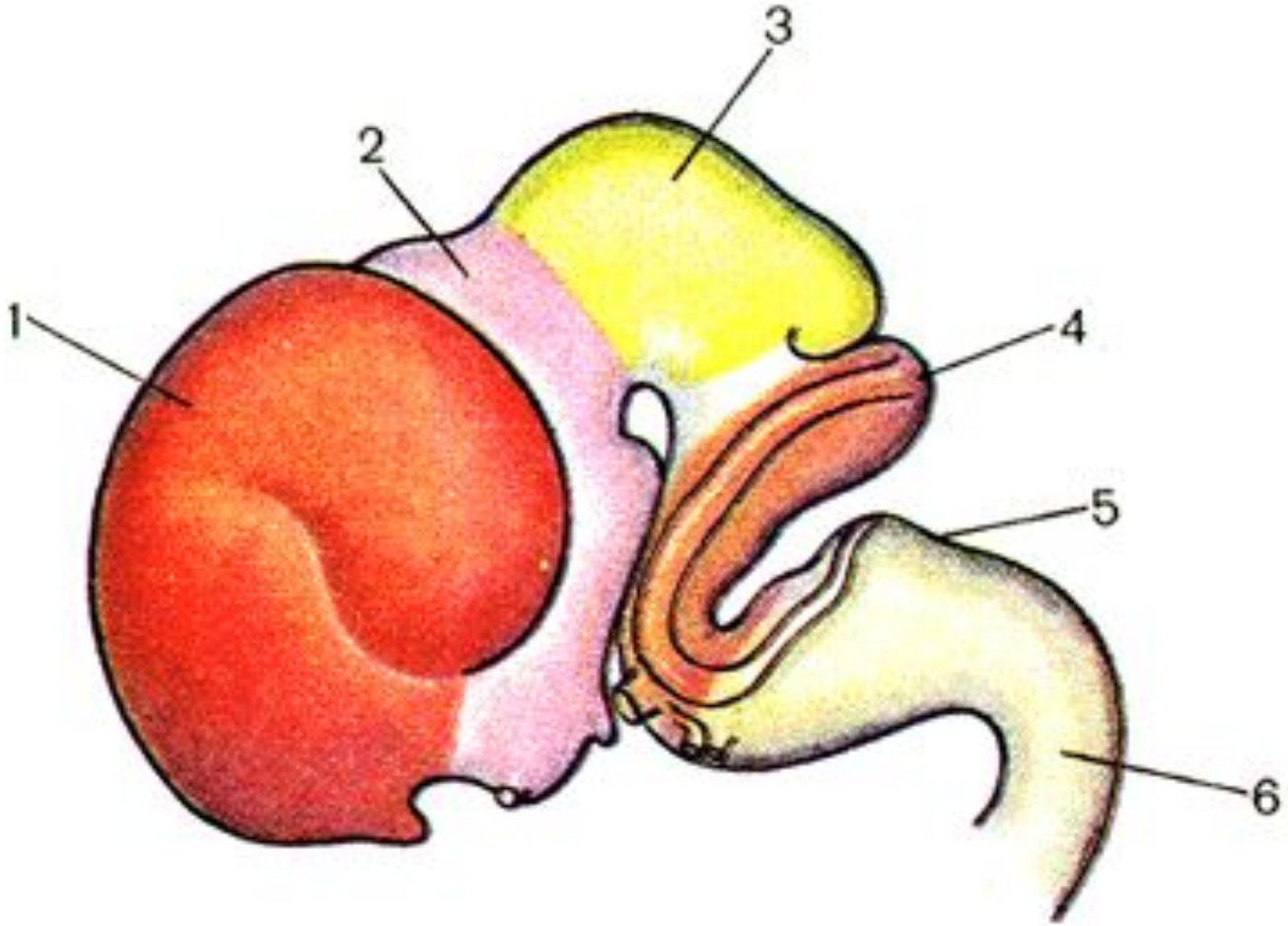
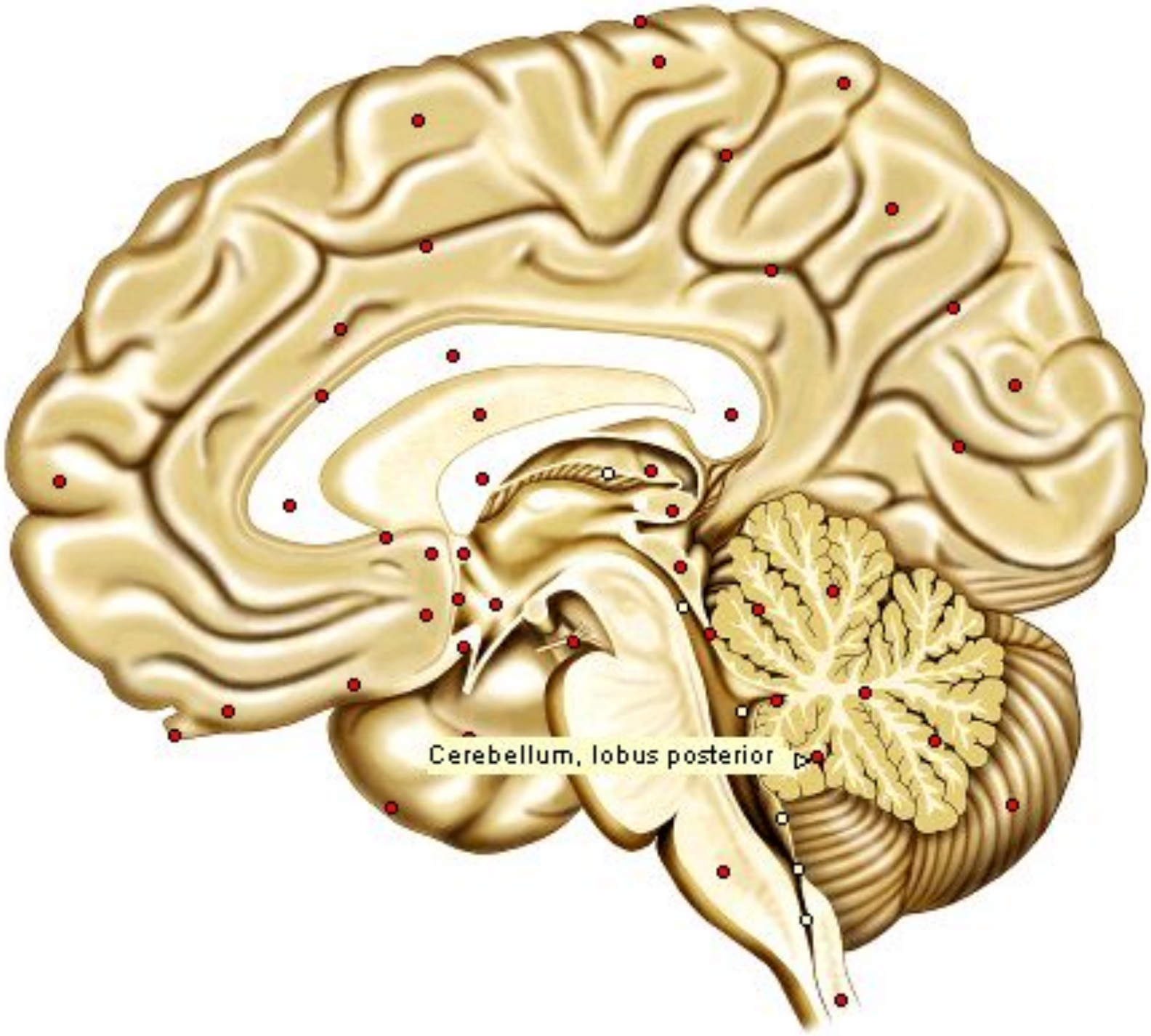
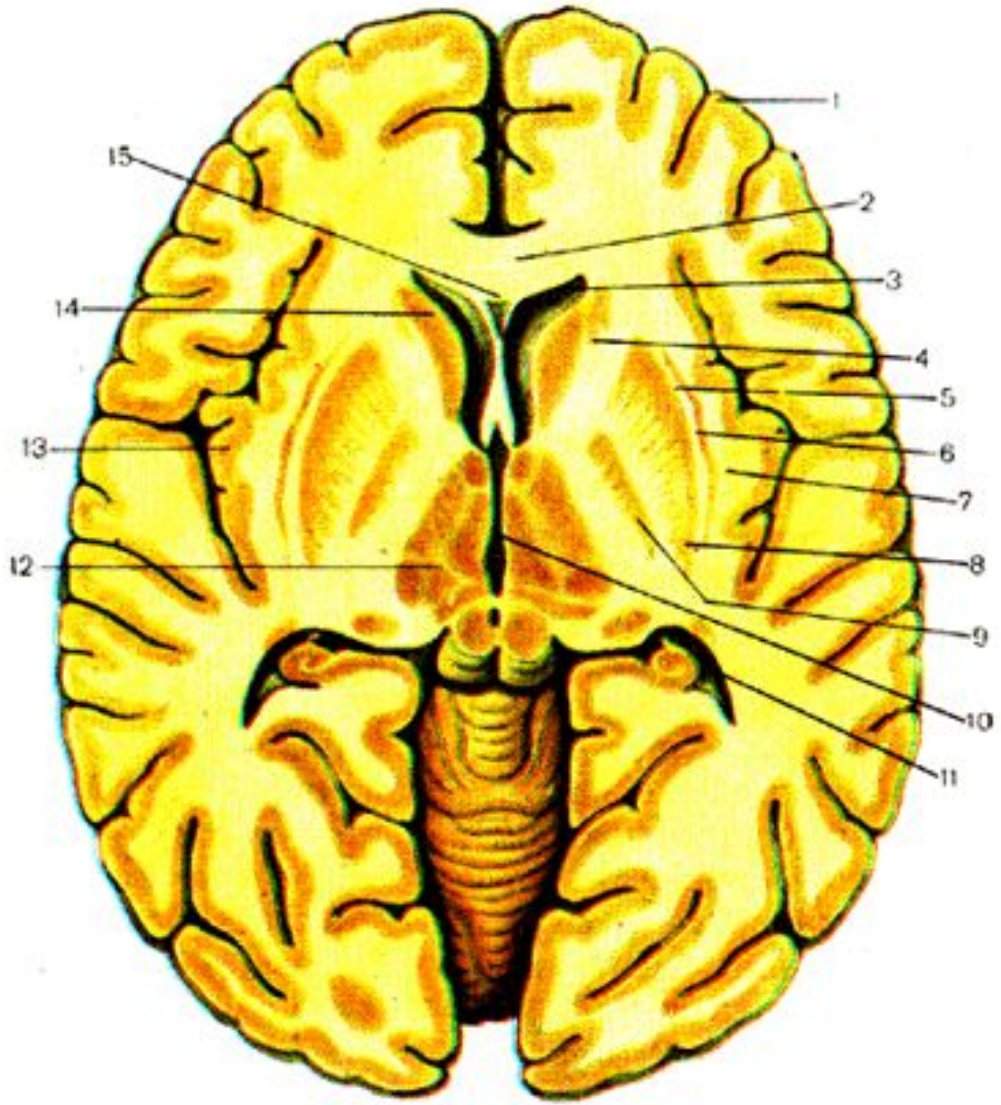


Рис. 111. Головной мозг эмбриона человека, 8 нед.



1 — telencephalon;
2 — diencephalon;
3 — mesencephalon;
4 — metencephalon;
5 — myelencephalon;
6 — medulla spinalis.


Cerebellum, lobus posterior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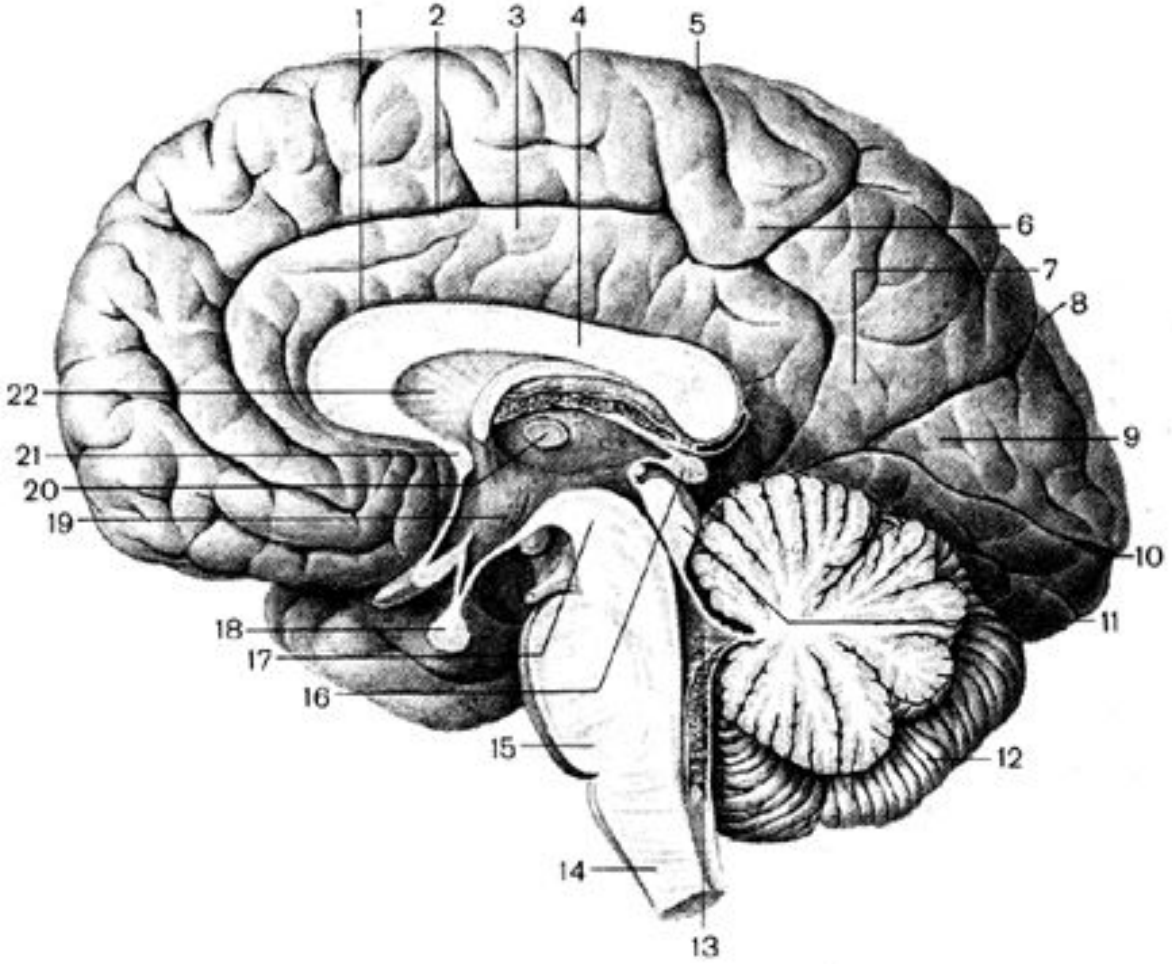
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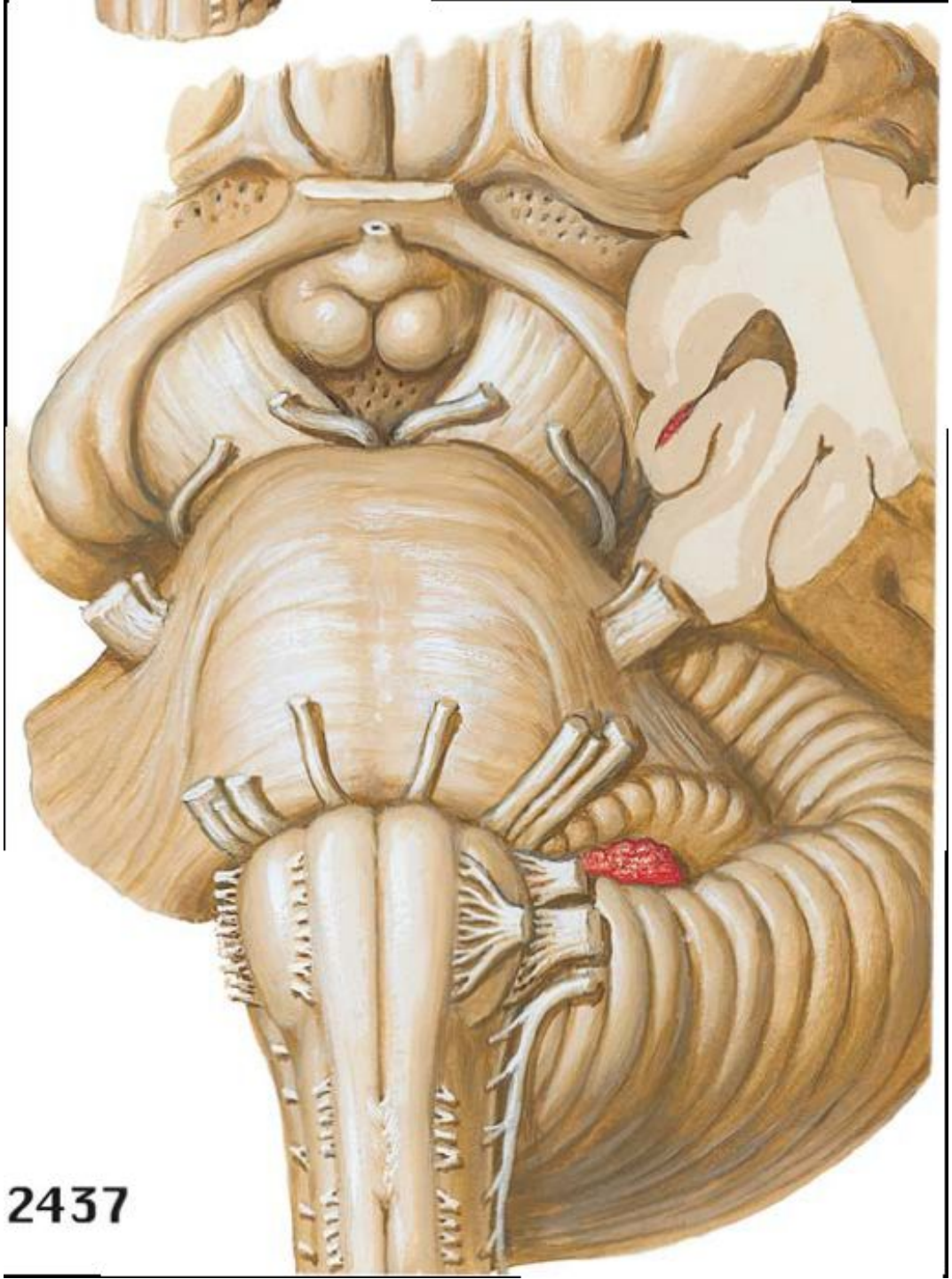

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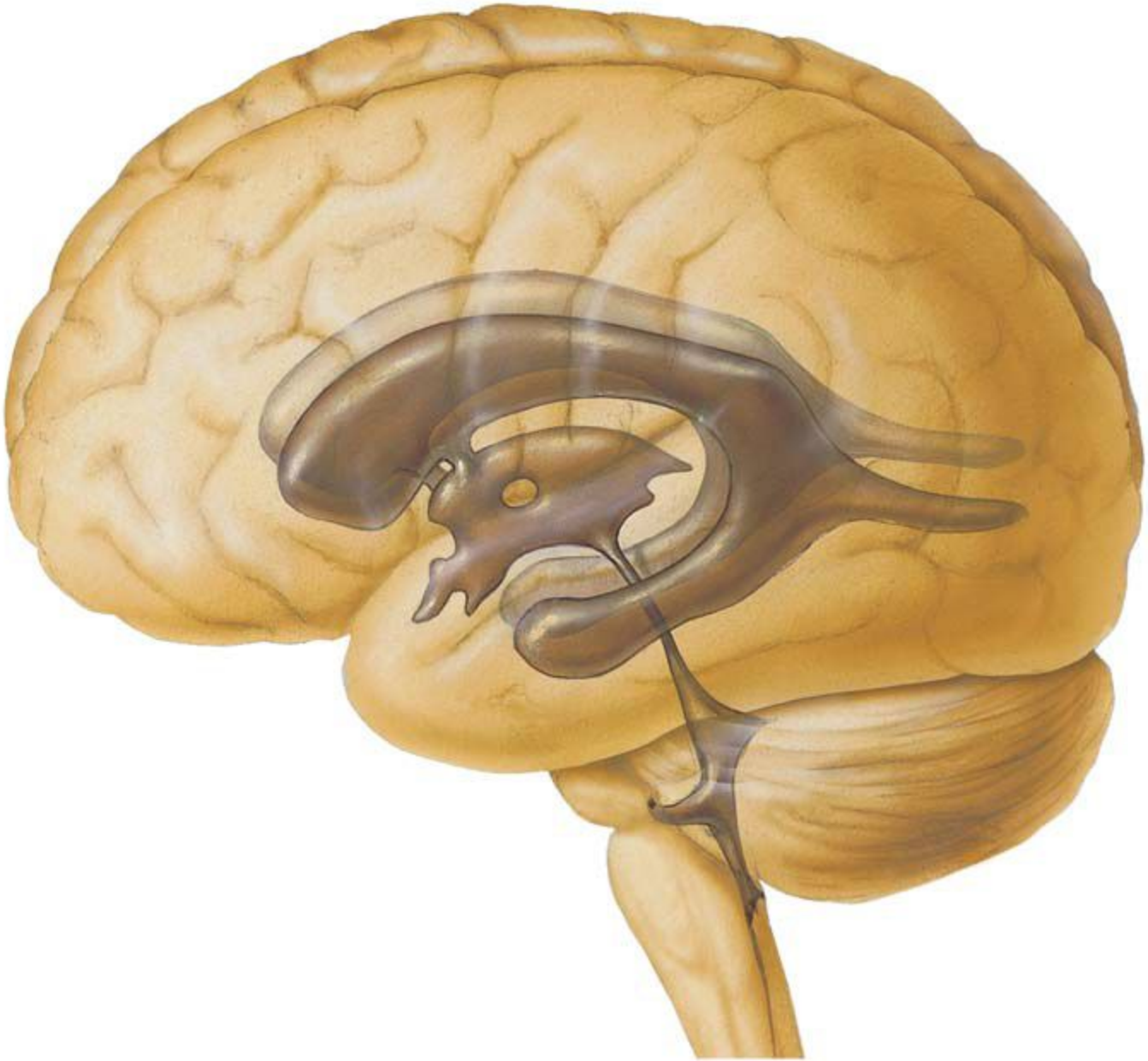

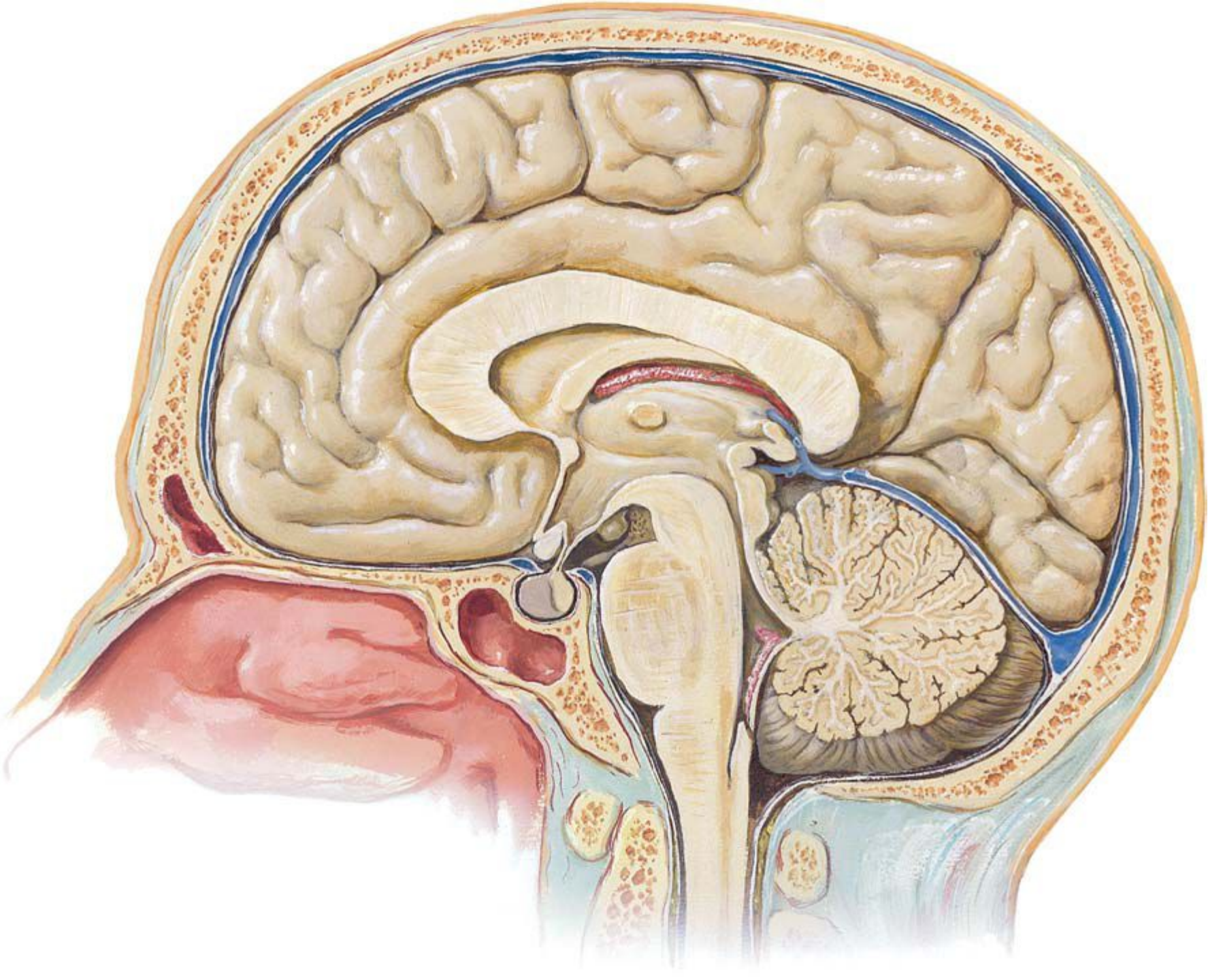

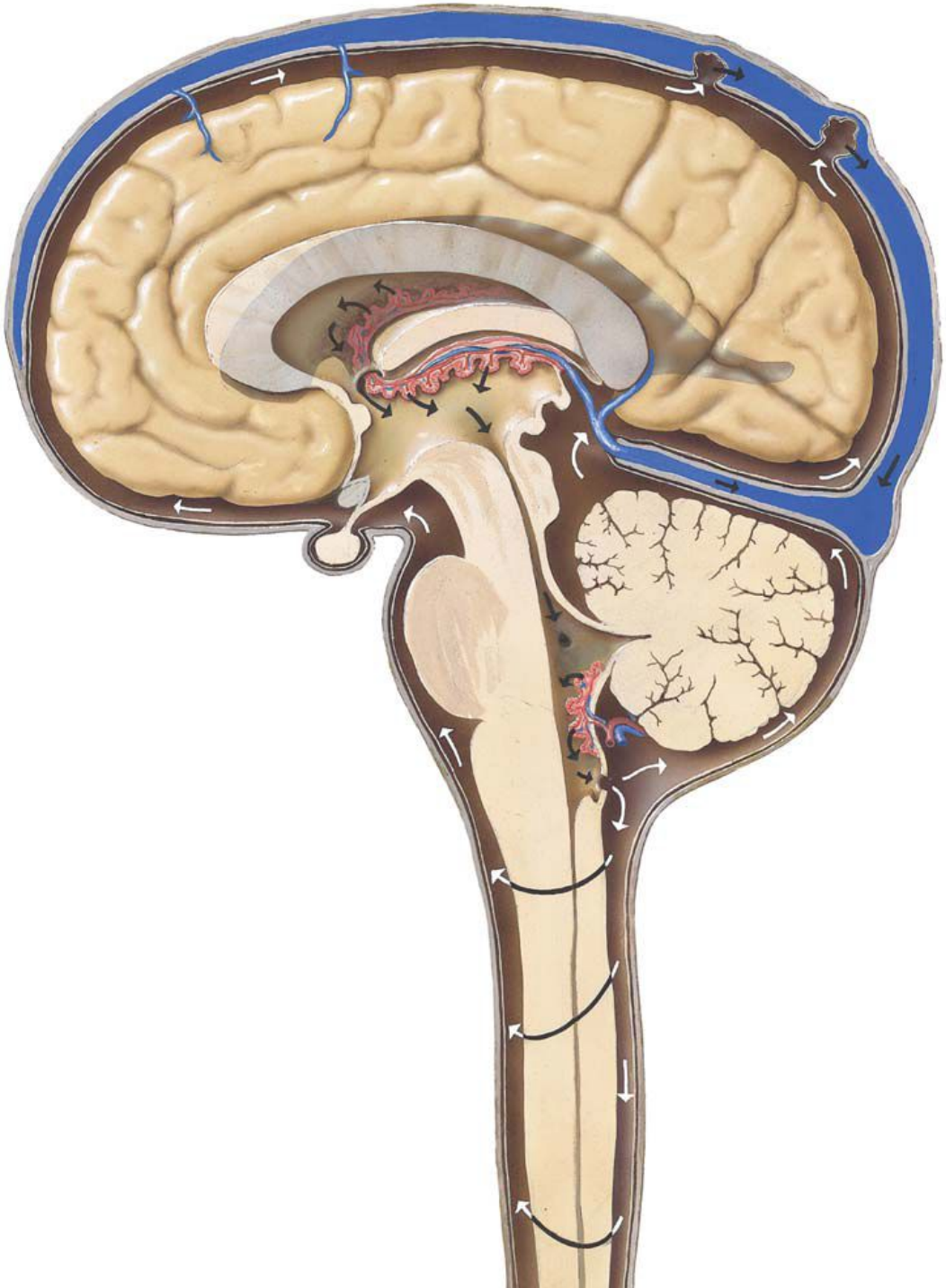

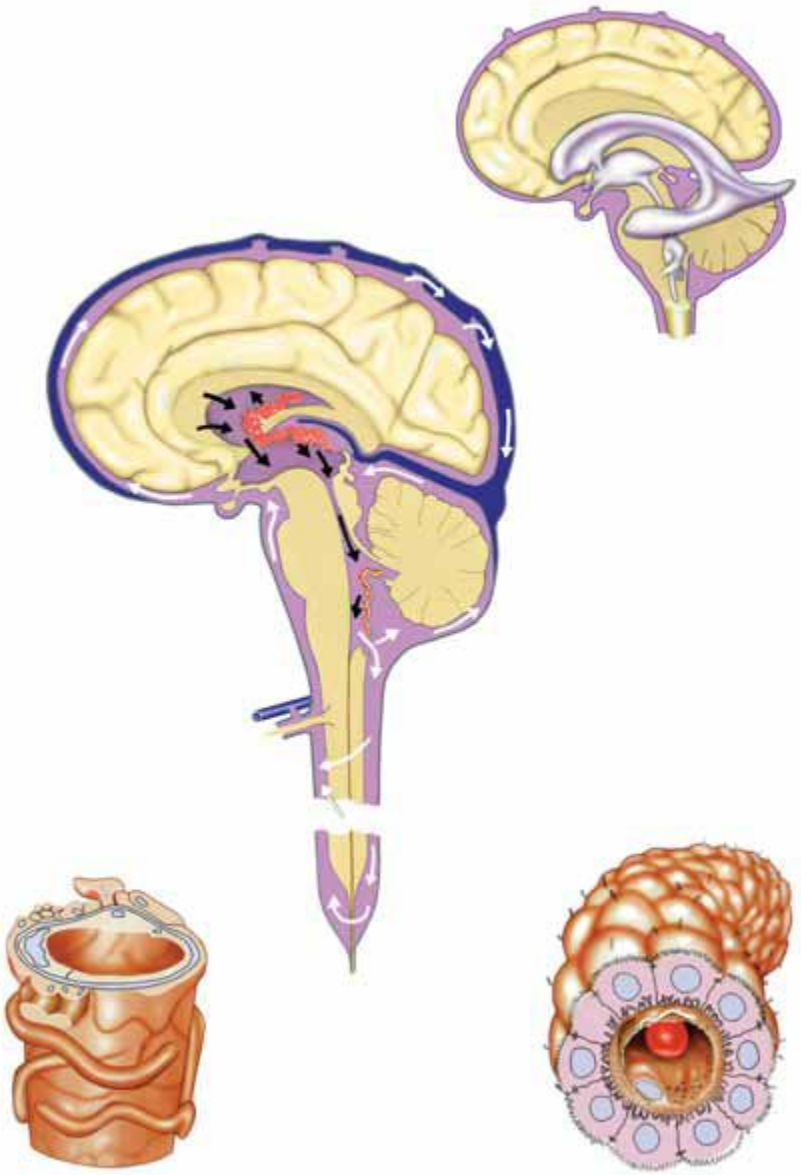

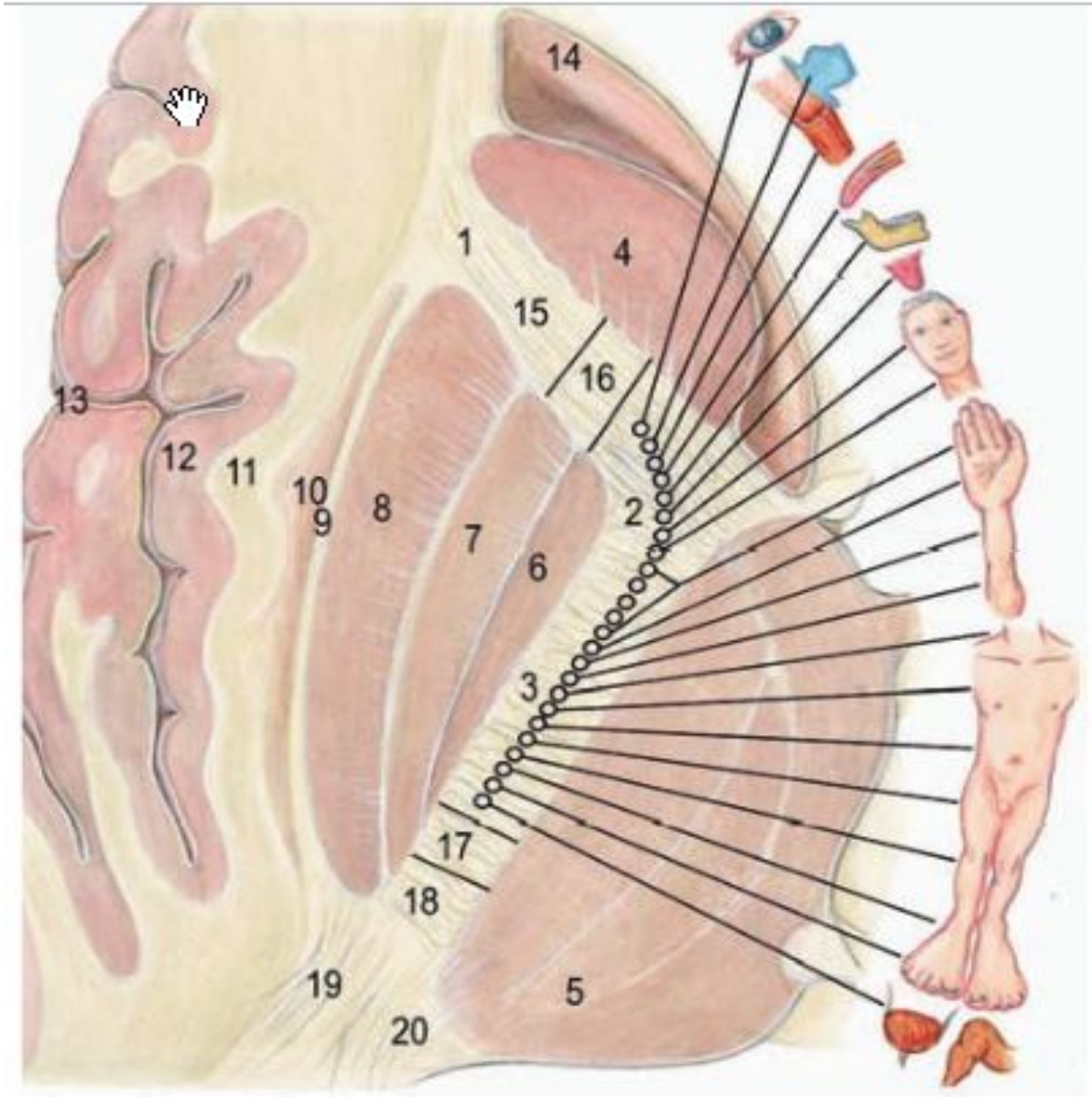

1–3 Capsula interna
1 Crus anterius
2 Genu capsulae internae
3 Crus posterius
4 Nucleus caudatus, Caput
5 Thalamus
6 Globus pallidus medialis
7 Globus pallidus lateralis
8 Putamen
9 Capsula externa
10 Claustrum
11 Capsula extrema
12 Insula [Lobus insularis]
13 Sulcus lateralis
14 Ventriculus lateralis, Cornu frontale [anterius]
15 Fibrae frontopontinae
16 Radiatio thalami anterior
17 Radiatio thalami posterior
18 Fibrae parietopontinae
19 Radiatio optica [Fibrae geniculocalcarinae]
20 Radiatio acustica [Fibrae geniculotemporales]