

Toshkent tibbiyot akademiyasi
nevrologiya kafedrası

4-ma'ruza

BOSH MIYA KATTA YARIM SHARLARI

TTA asab kasalliklari
kafedrası professori
Zarifboy Ibodullayev

BOSH MIYA KATTA YARIM SHARLARI

1

- PO`STLOQ ANATOMIYASI

2

- PO`STLOQ FUNKSIYASI

3

- PO`STLOQ PATOLOGIYASI

BOSH MIYA KATTA YARIM SHARLARI

1

• PESHONA

2

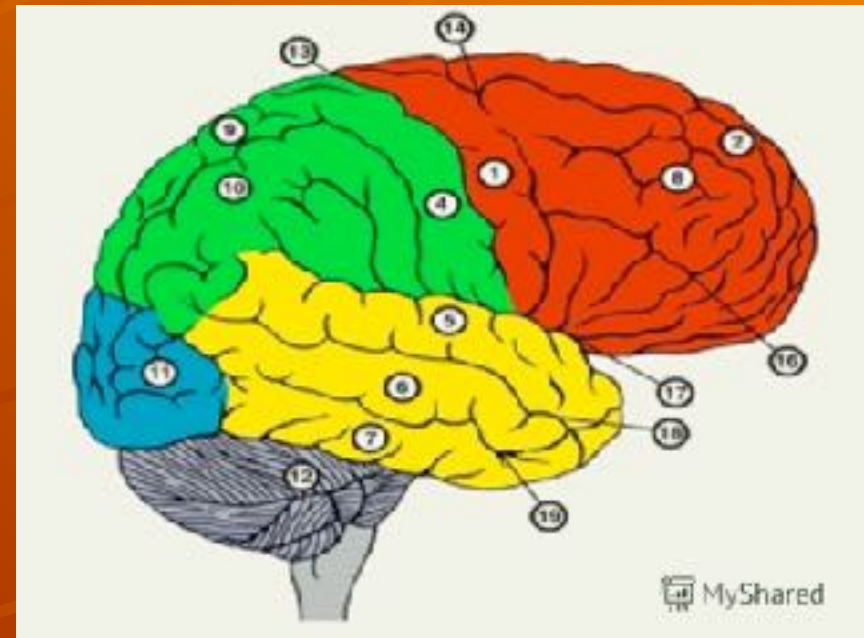
• TEPA

3

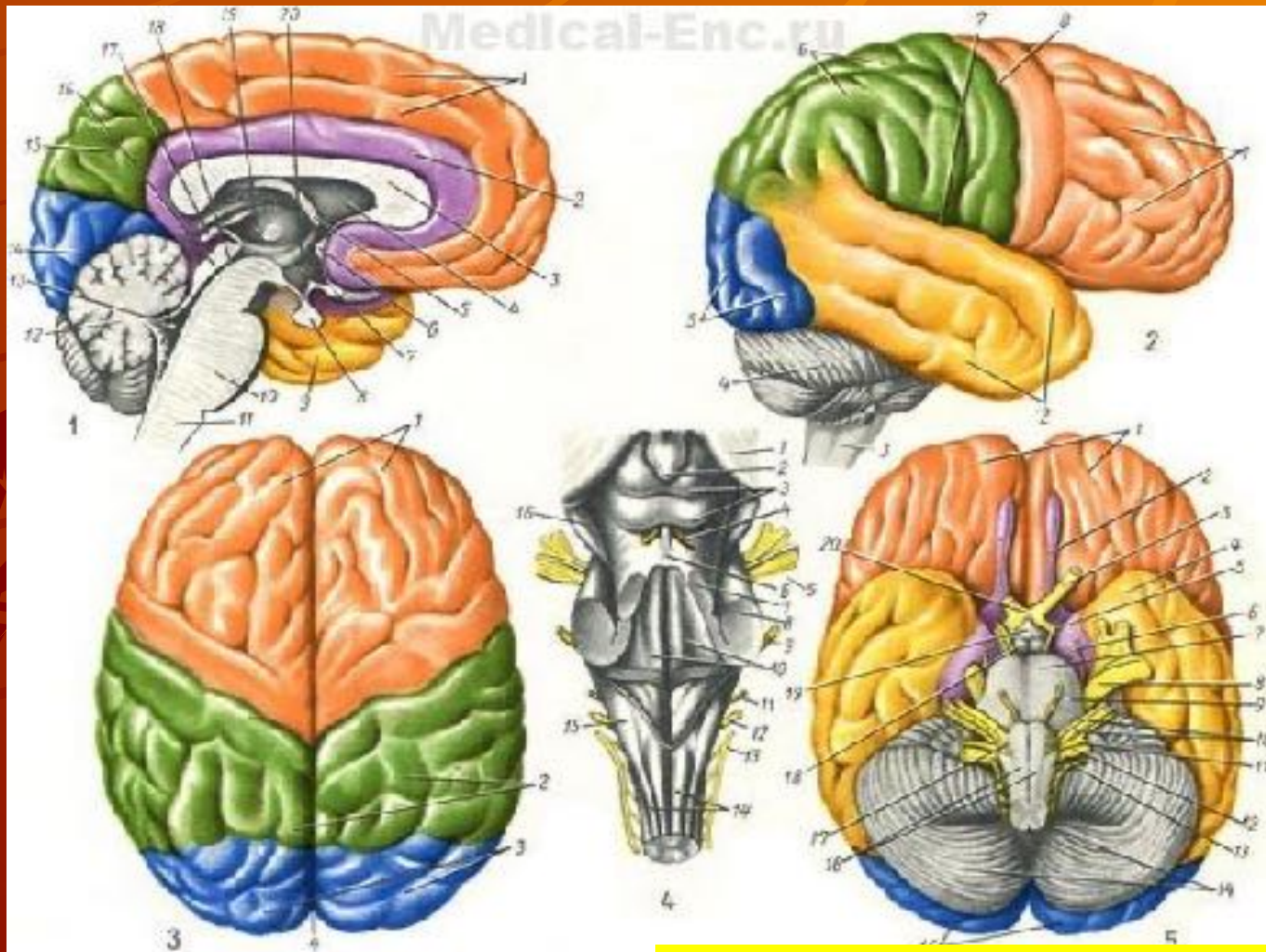
• CHAKKA

4

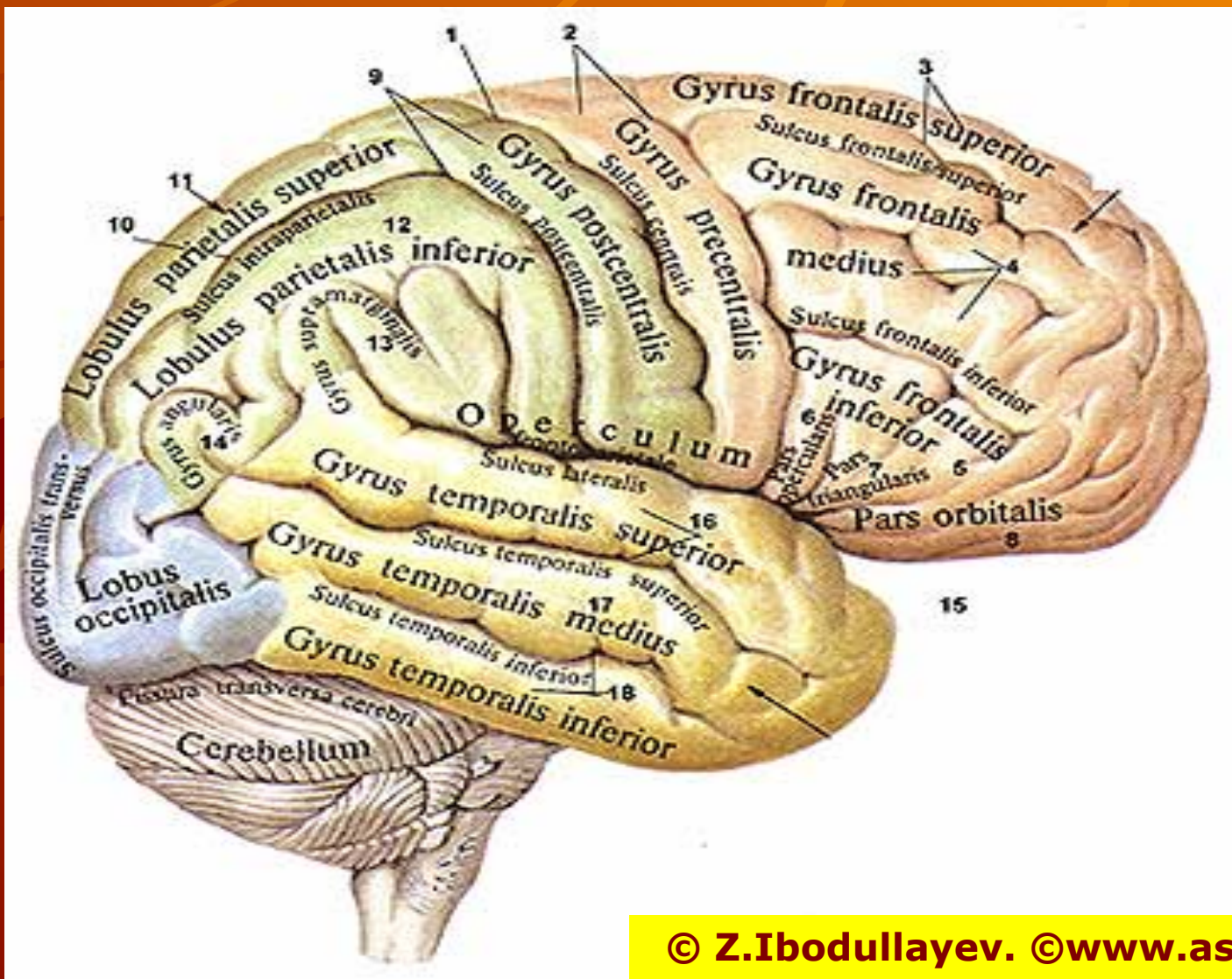
• ENSA



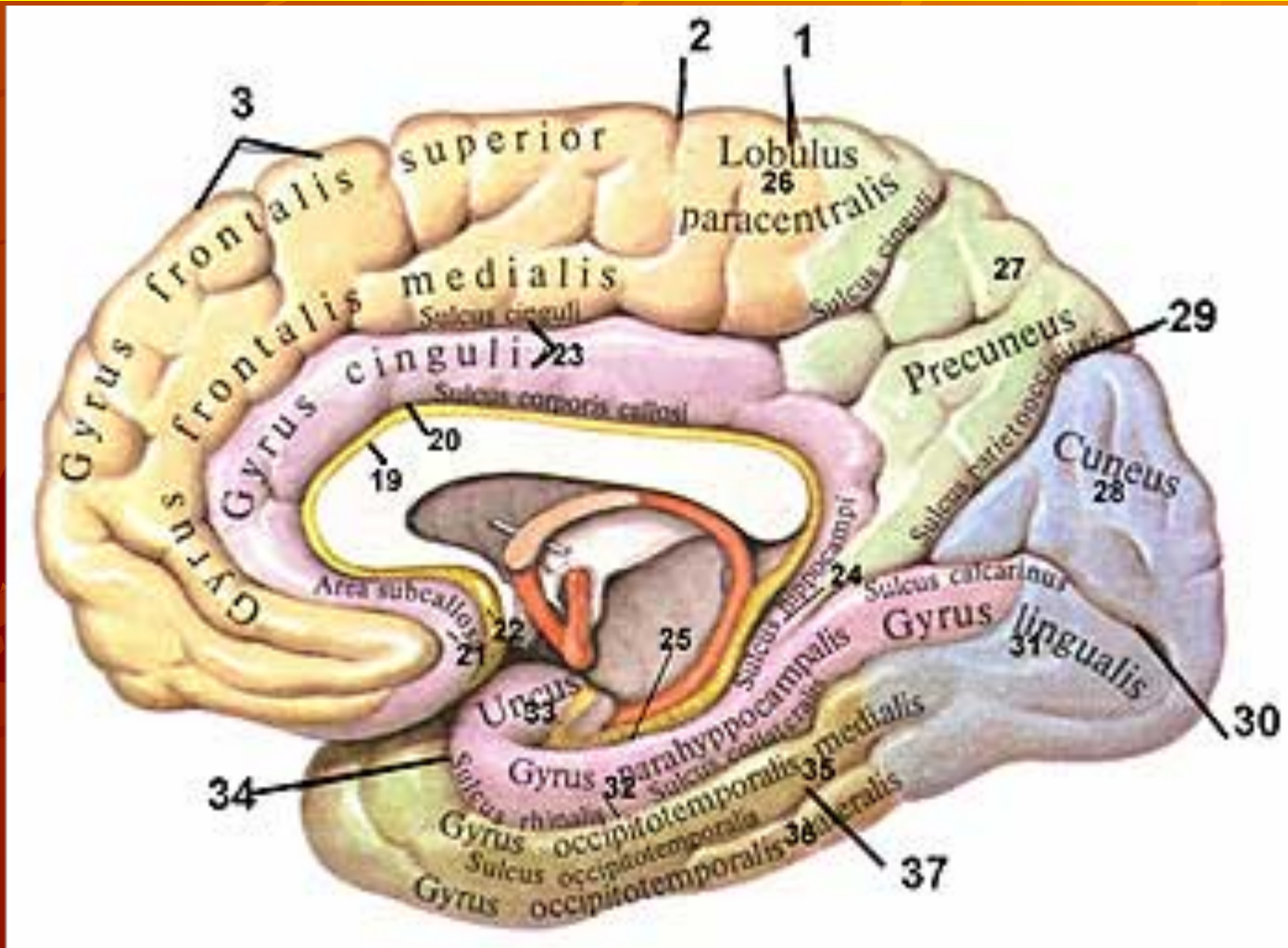
Bosh miya katta yarim sharlarining 4 yuzasi farqlanadi



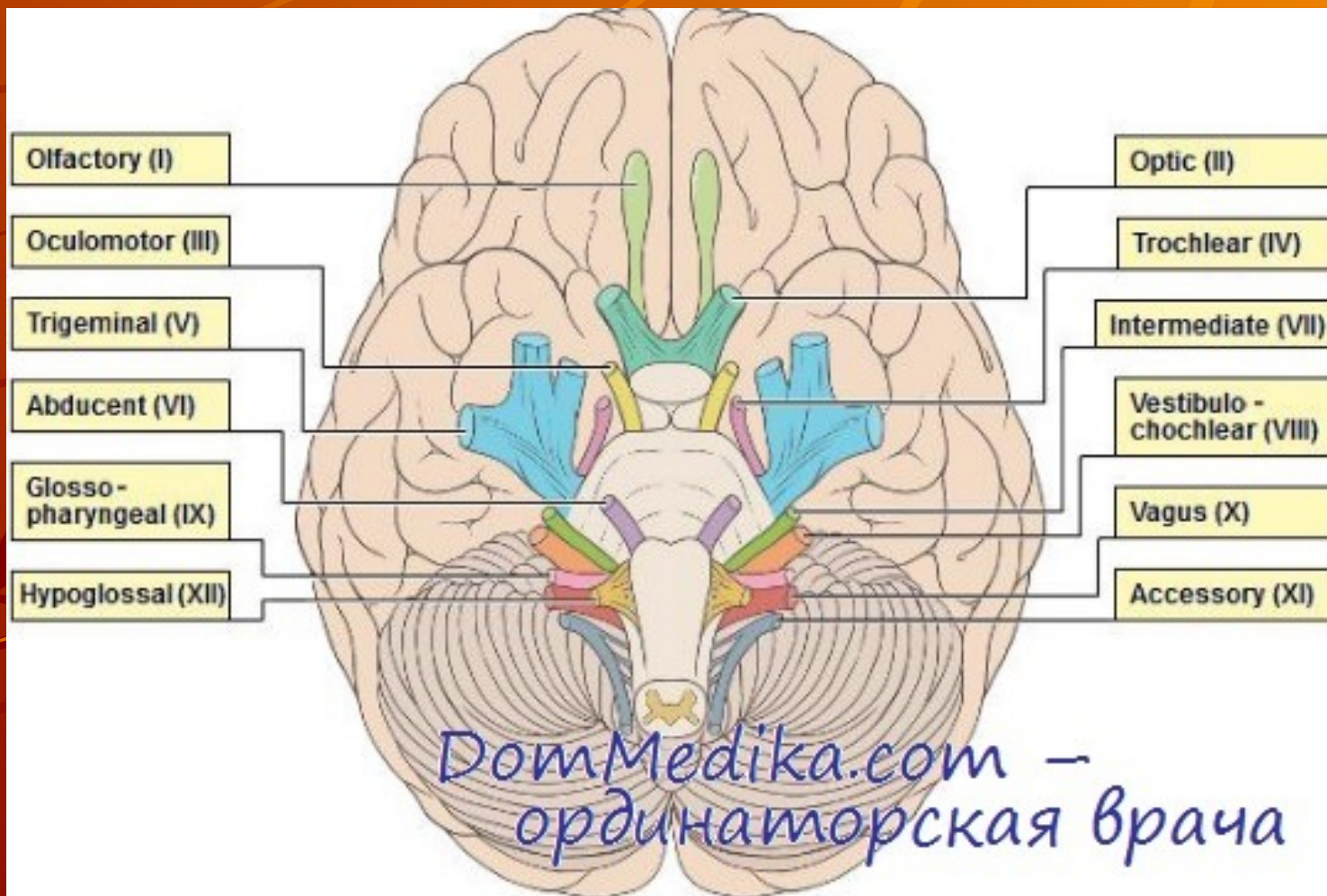
Egatchalar (sulcus) va pushtalar (gyrus). Lateral yuza.



Egatchalar (sulcus) va pushtalar (gyrus). Medial yuza

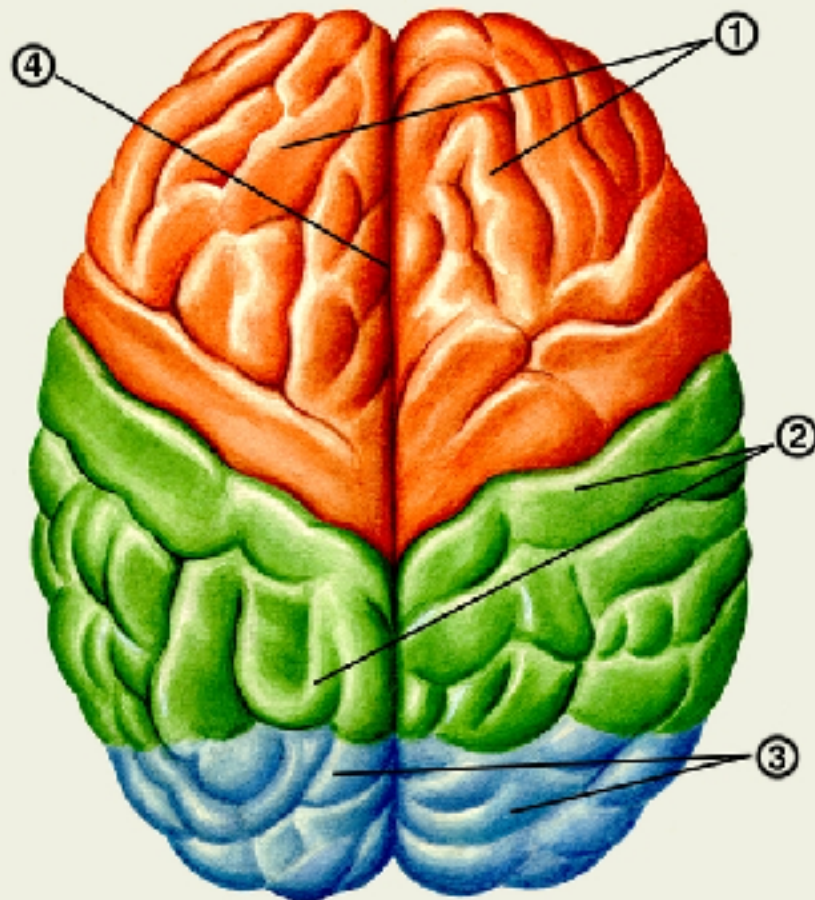


Bosh miya katta yarim sharlari bazal yuzasi

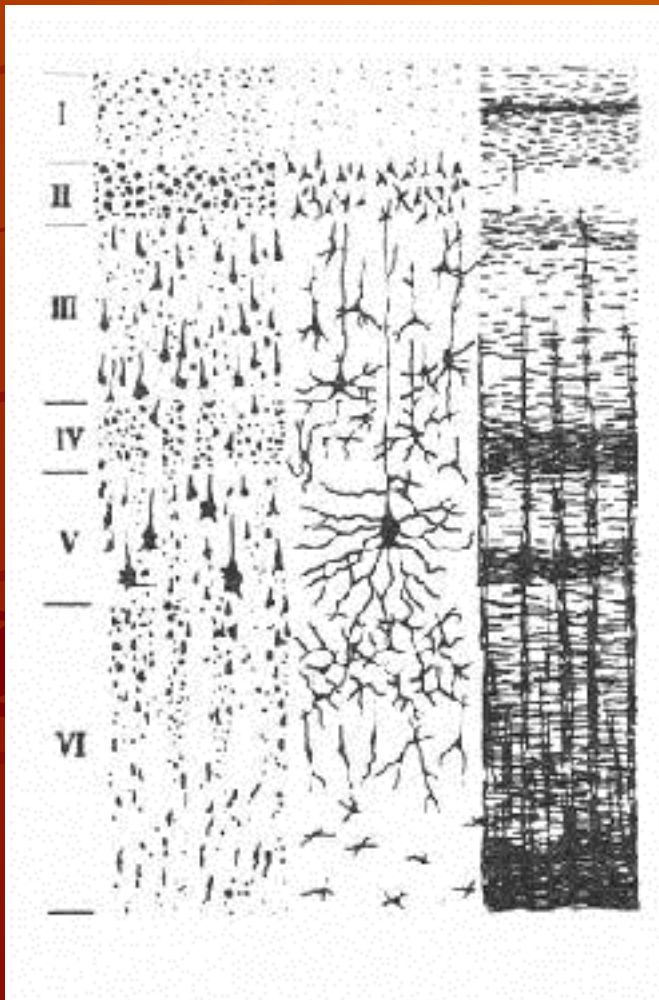


Bosh miya katta yarim sharlari konveksital yuzasi

- 1- Lobus frontalis
- 2- Lobus parietalis
- 3- Lobus occipitalis
- 4-fissura
longitudinalis cerebri



Po'stloq 6 qavatdan iborat

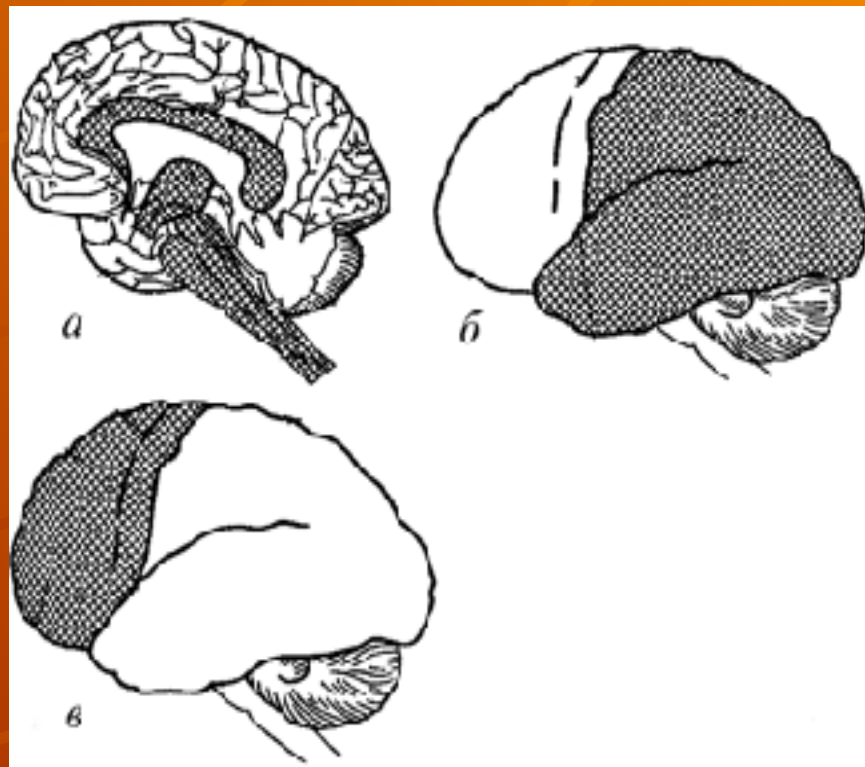


- ◆ 1. Molekulyar qavat
- ◆ 2. Tashqi donador
- ◆ 3. Kichik piramidal hujayralar
- ◆ 4. Ichki donador
- ◆ 5. Katta piramidal hujayralar
- ◆ 6. Polimorf hujayralar

Funksional bloklar

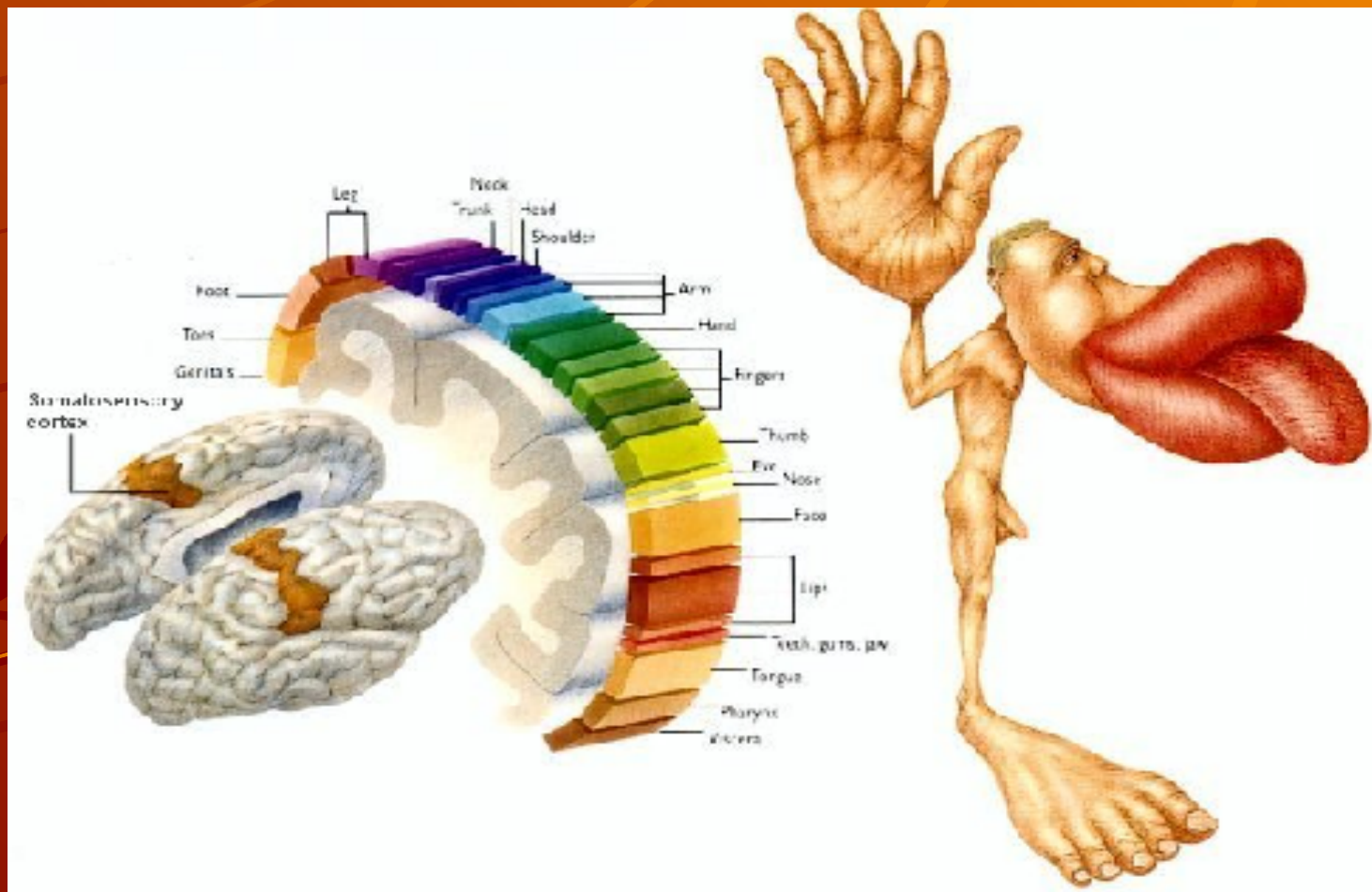


A.R. LURIYA (1902-1977)



A) 1-; Б) 2-; B) 3-funksional bloklar

PENFILD JADVALI

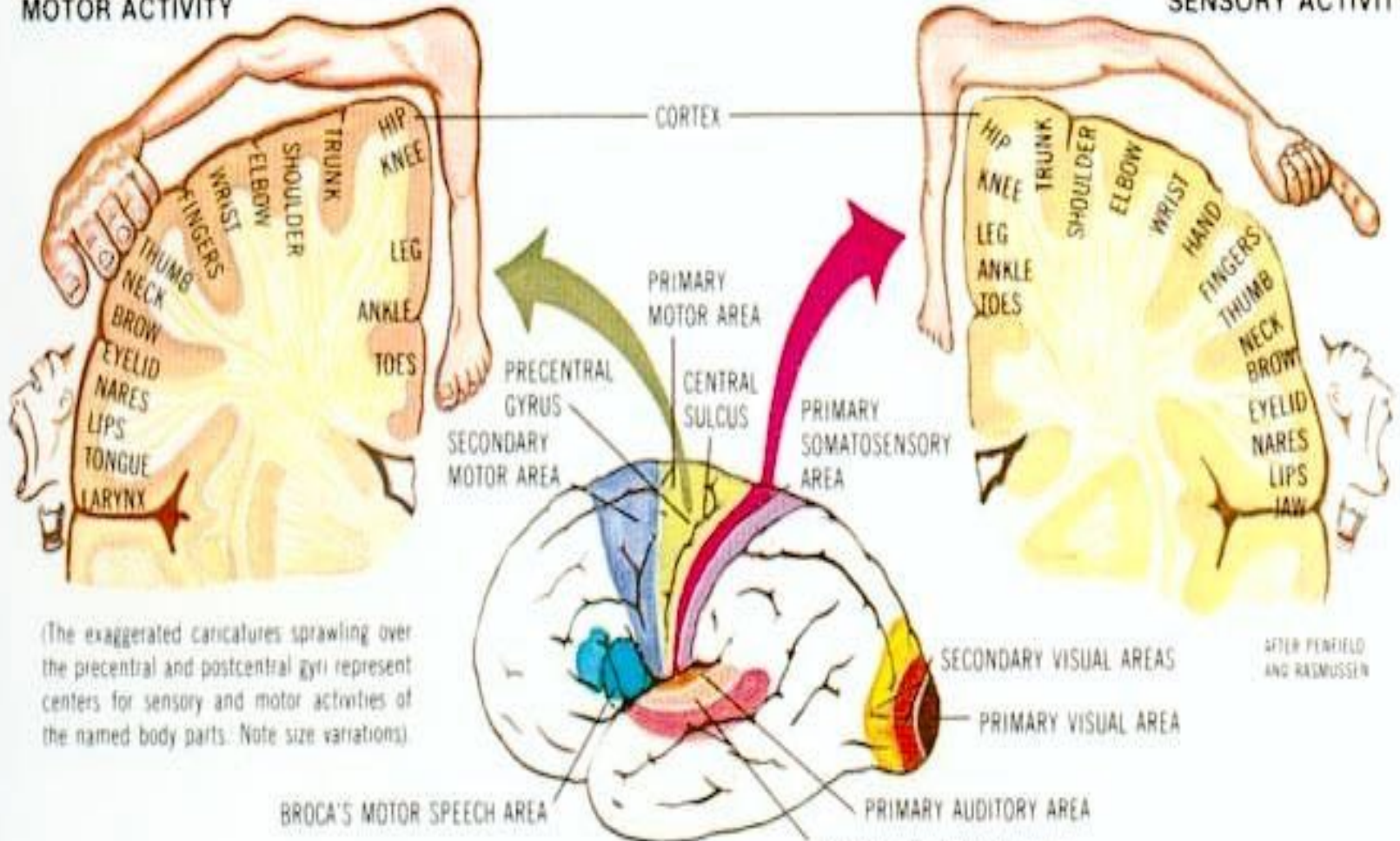


Harakat va sezgi markazlari

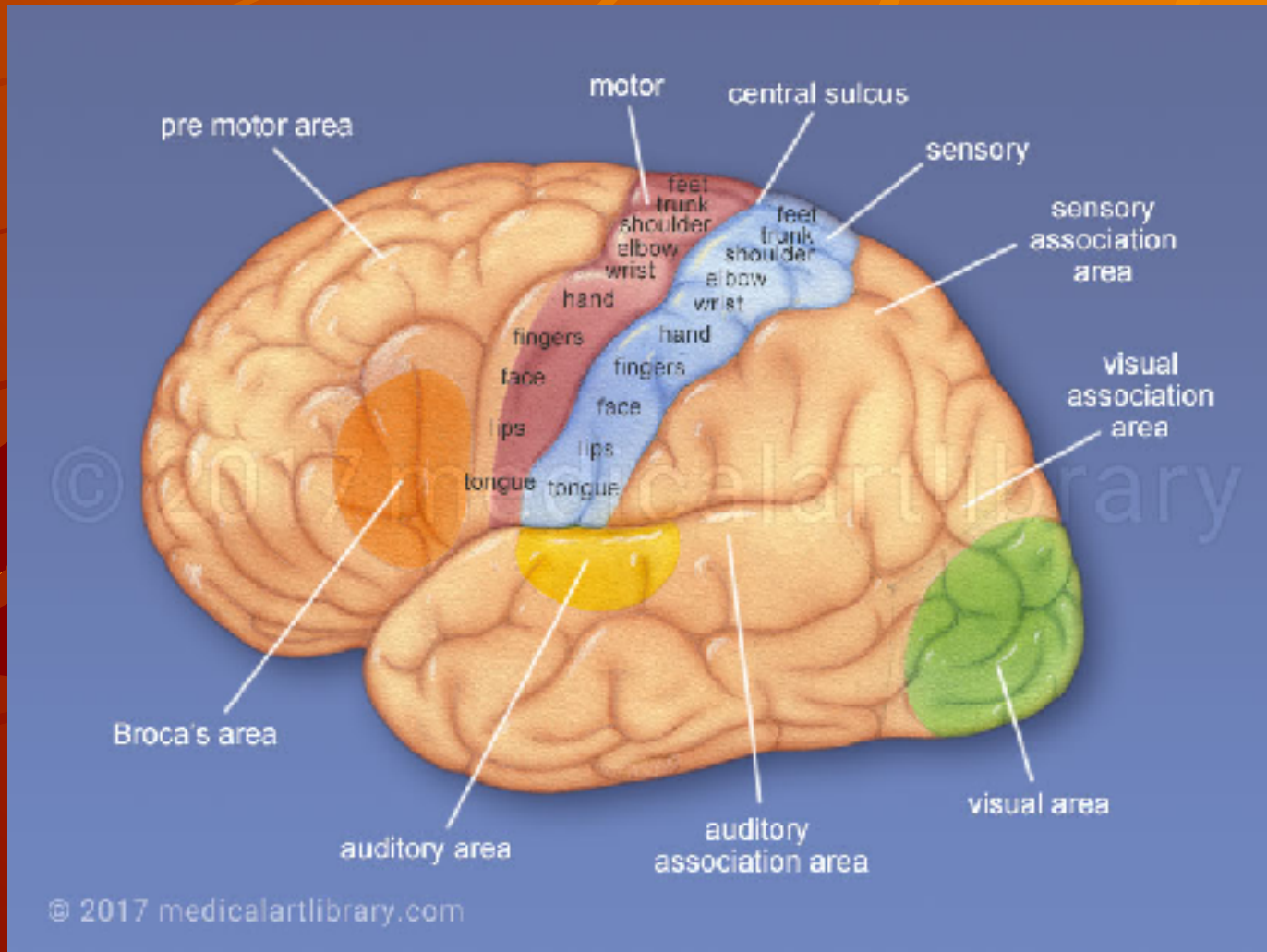
SOMATOTOPIC ORGANIZATION OF THE CEREBRUM

MOTOR ACTIVITY

SENSORY ACTIVITY



Po'stloqda joylashgan markazlar



YIRIK MARKAZLAR

1

- Proeksion (birlamchi)

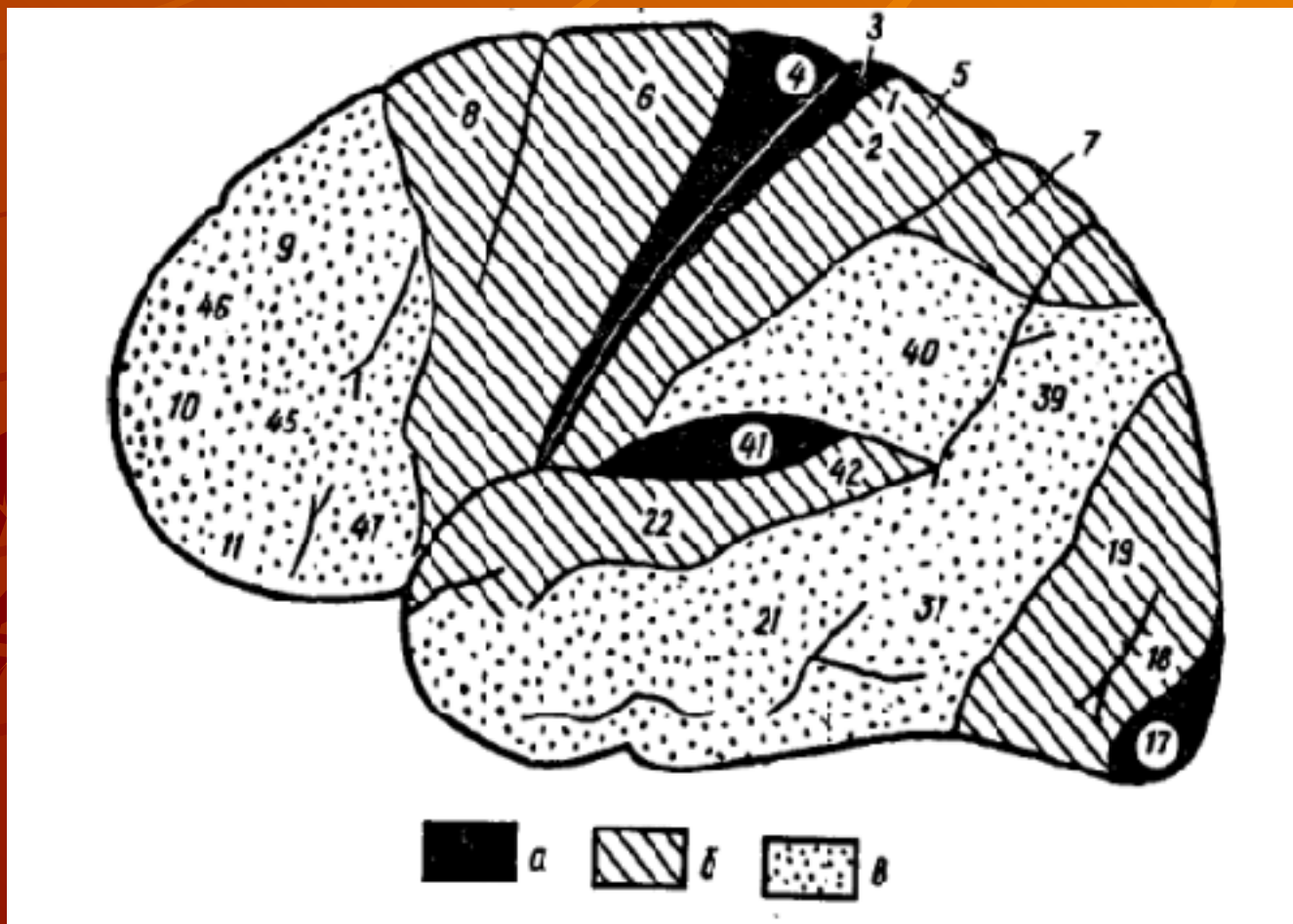
2

- Proeksion-assotsiativ (ikkilamchi)

3

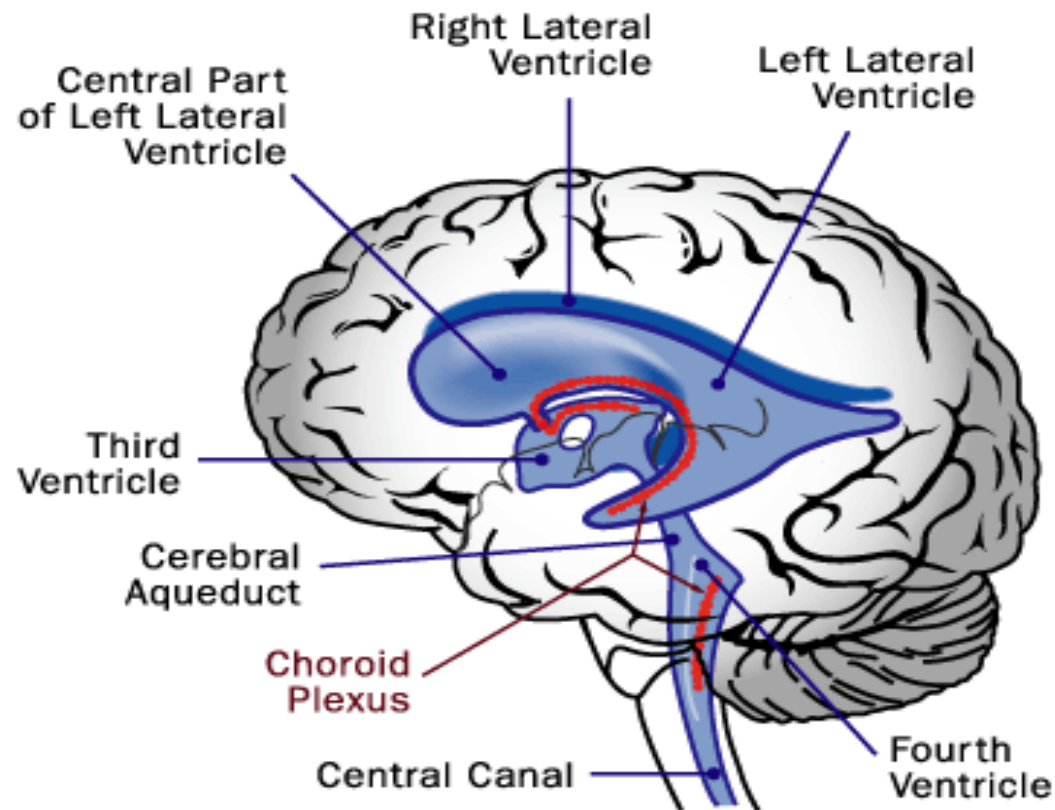
- Assotsiativ (uchlamchi)

Po'stloqning birlamchi, ikkilamchi va uchlamchi sohalari



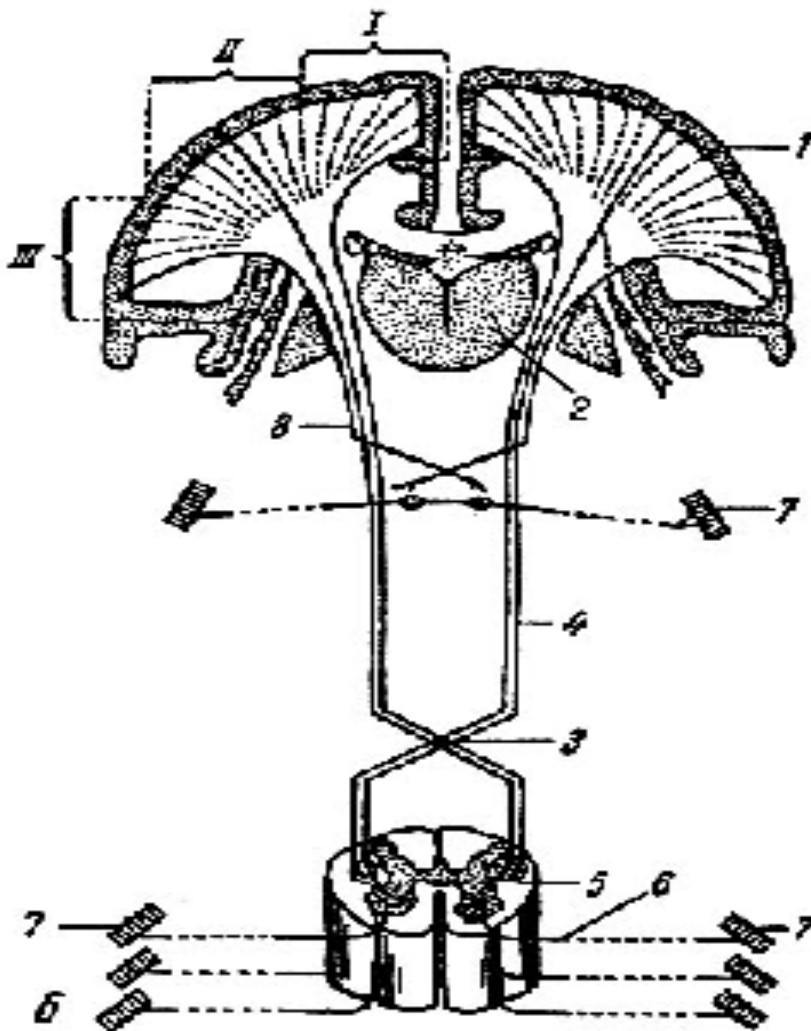
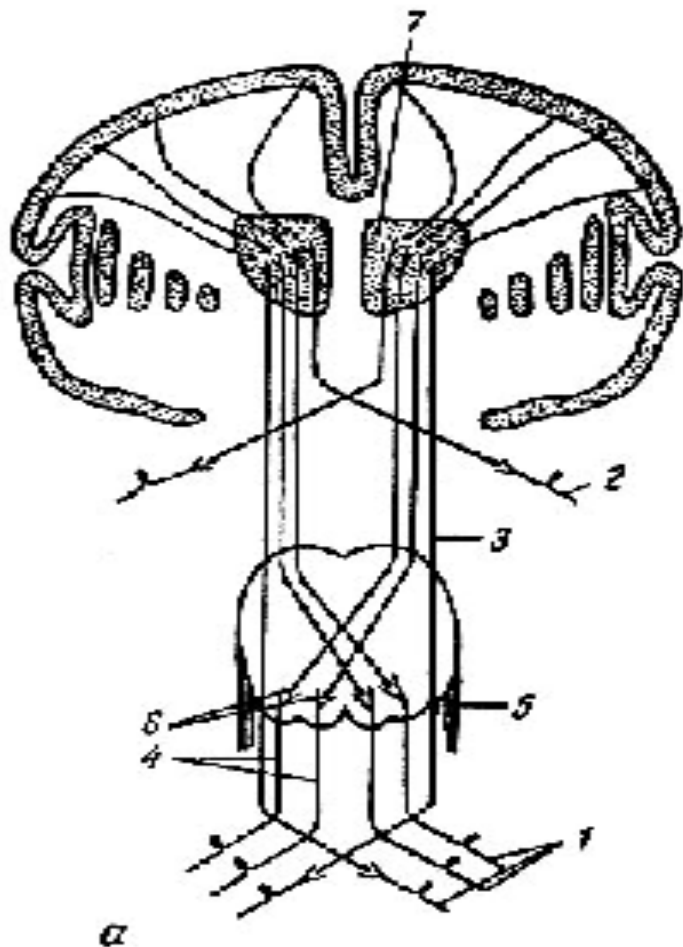
Bosh miyaning ichida joylashgan qorinchalar

The Ventricular System of the Human Brain

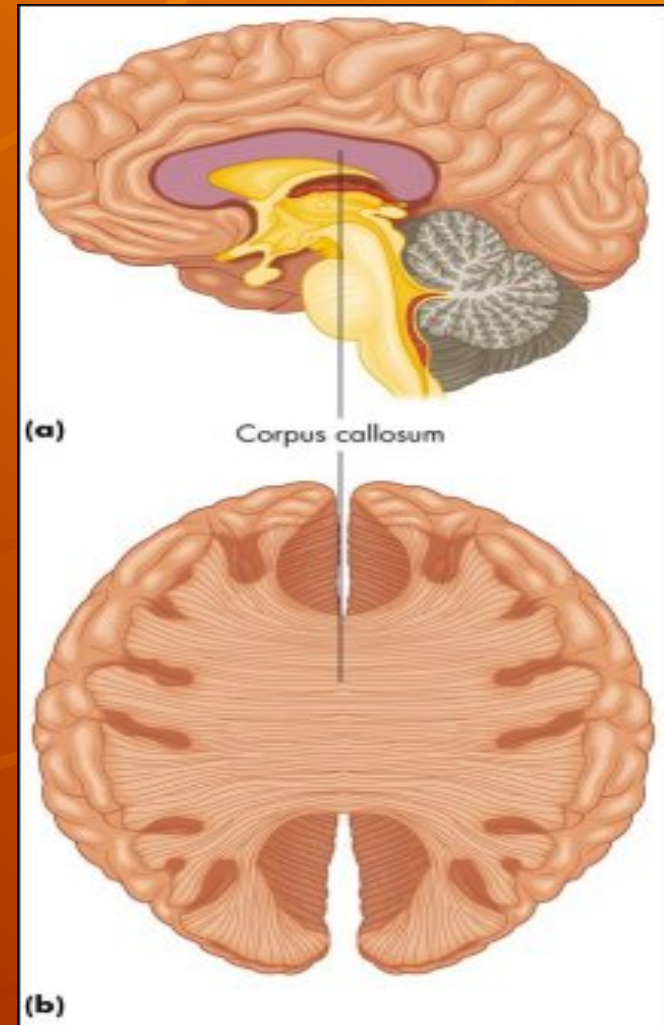
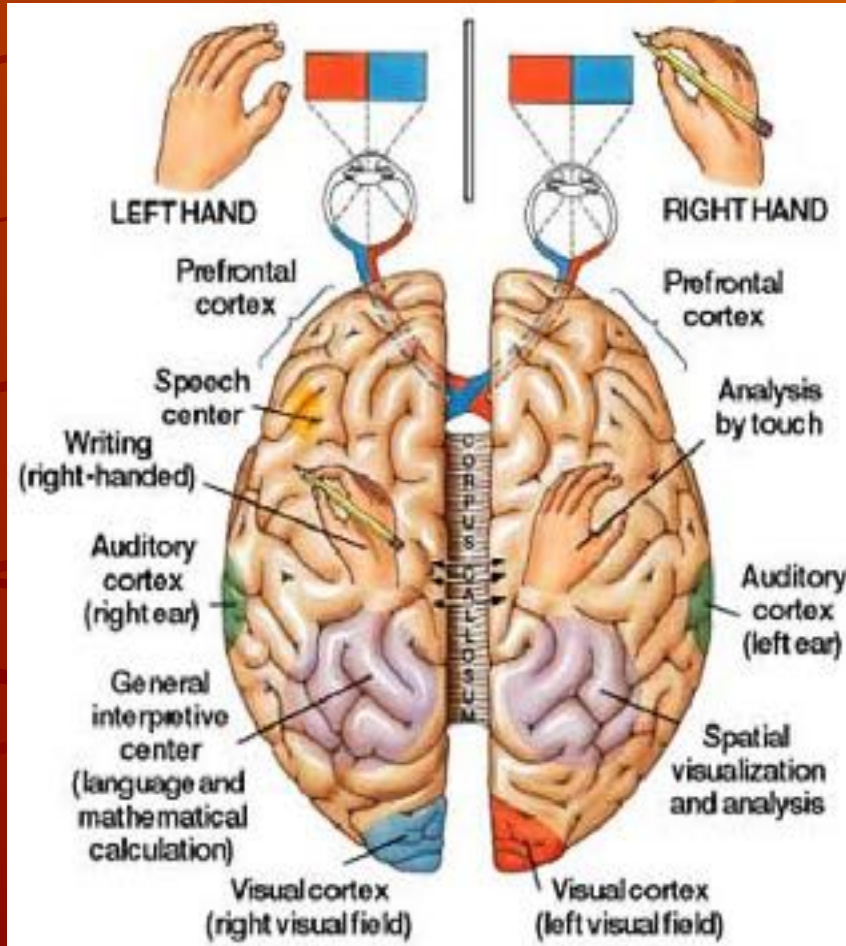


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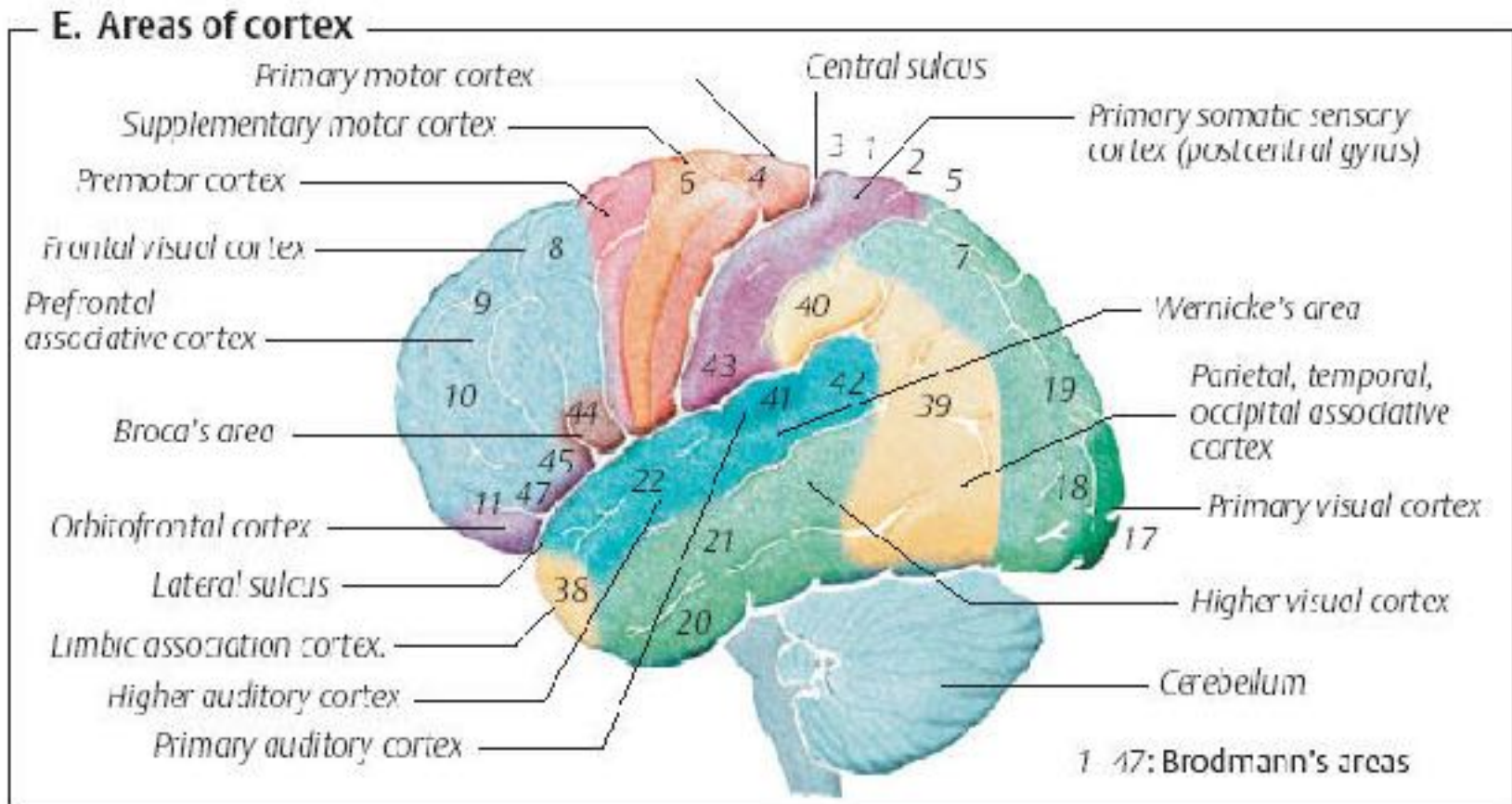
Bosh miyaning o'tkazuvchi yo'llari



Corpus callosum



Po'stloq markazlari va patologiyasi



Despopoulos, Color Atlas of Physiology © 2003 Thieme

Peshona bo'lagida 5 ta asosiy markaz joylashgan

- ◆ **Harakat analizatori**
- ◆ **Motor nutq markazi**
- ◆ **Bosh va ko'zni burish markazi**
- ◆ **Yozish markazi**
- ◆ **Harakat koordinatsiyasini nazorat qilish markazi**

PARIETAL SOHA MARKAZLARI

- ◆ Sezgi analizatori
- ◆ Stereognoz markazi
- ◆ Tana qismlarini anglash markazi
- ◆ Praksis markazi
- ◆ Hisoblash markazi
- ◆ Afferent nutq markazi

CHAKKA BO‘LAGI MARKAZLARI

- ◆ Eshitish
- ◆ Sensor nutq
- ◆ Vestibulyar analizator
- ◆ Hid va ta‘m bilish markazi
- ◆ Musqal tovushlarni anglash markazi

ENSA BO'LAGI MARKAZLARI

◆ **Ko'rish**

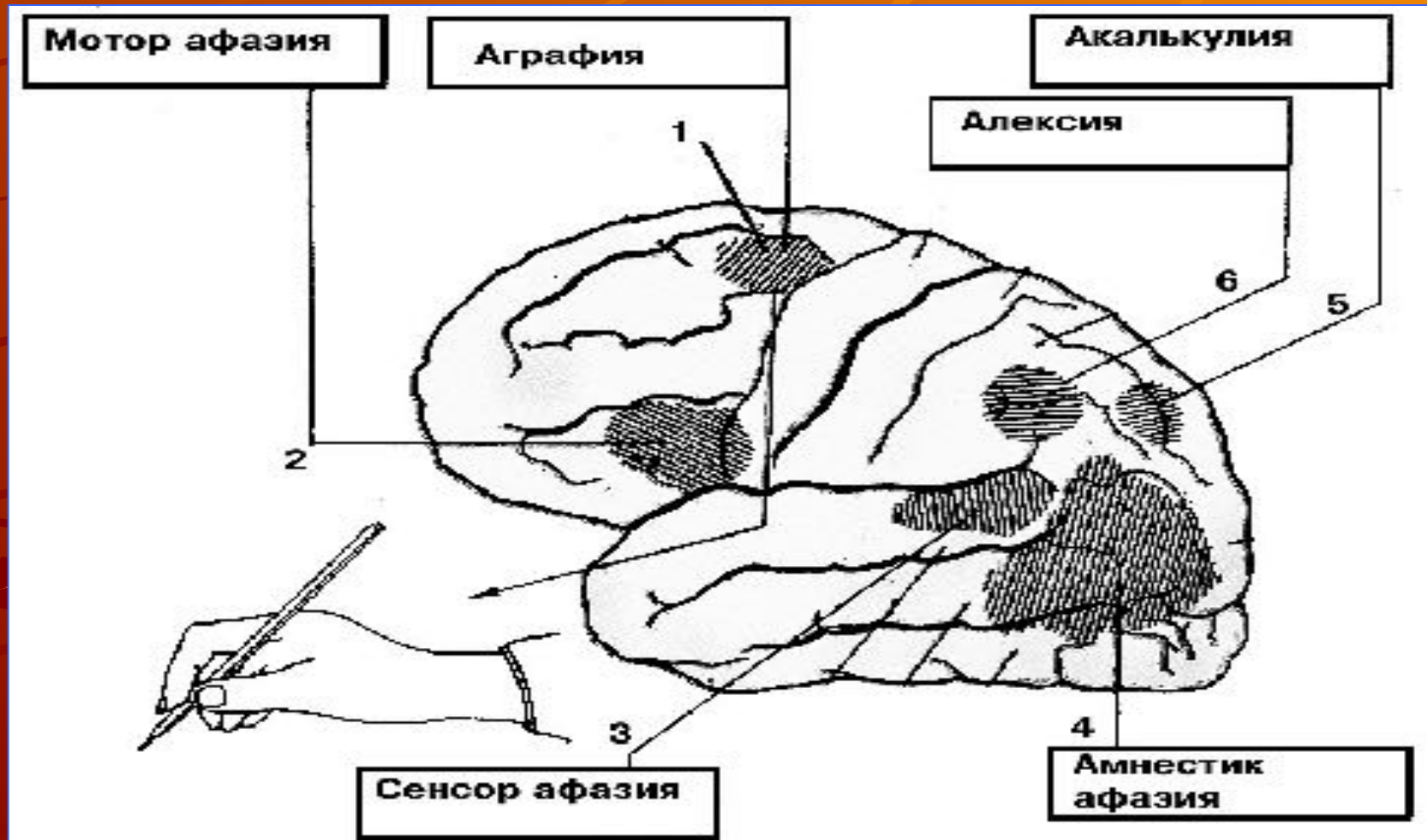
◆ **O'qish**

◆ **Optik-fazoviy analiz**

ENSA SOHASI ZARARLANSA



PO'STLOQ SINDROMLARI



PESHONA SOHASI SINDROMLARI

- ◆ Monoparez, gemiparez
- ◆ Peshona psixikasi
- ◆ Motor afaziya
- ◆ Agrafiya
- ◆ Nigox falaji
- ◆ Astaziya, abaziya

PARIETAL SINDROMLAR

- ◆ Monoanesteziya, gemianesteziya
- ◆ Astereognoziya
- ◆ Anozognoziya
- ◆ Autotopognoziya
- ◆ Apraksiya
- ◆ Aleksiya, akalkuliya

NORMAL KO'RISH



Fazoning bir tomonini inkor qilish sindromi



Chakka sohasi zararlanishi belgilari

- ◆ Sensor afaziya
- ◆ Fonematik eshitishning buzilishi
- ◆ Hid va ta'm va gallyutsinatsiyalari
- ◆ Amuziya
- ◆ Chakka epilepsiyasi
- ◆ Emotsional-vegetativ buzilishlar

Ensa sohasi zararlanishi belgilari

- ◆ Kvadrant gemianopsiya
- ◆ Ko`ruv agnoziyasi
- ◆ Fotopsiyalar
- ◆ Metamorfopsiya
- ◆ Mikropsiya, makropsiya
- ◆ Skotomalar

NUTQ BUZILISHLARI

- ◆ Motor afaziya
- ◆ Sensor afaziya
- ◆ Amnestik afaziya
- ◆ Semantik afaziya
- ◆ Dizartriya
- ◆ Mutizm
- ◆ Skandirlashgan nutq
- ◆ Duduqlanish

XOTIRA BUZILISHI TURLARI

- ◆ Korsakov amneziyasi
- ◆ Retrograd amneziya
- ◆ “Avval koʻrgan” yoki “hech qachon koʻrmagan” fenomeni
- ◆ Konfabulyasiya

TAFAKKUR BUZILISHI TURLARI

◆ Oligofreniya

◆ Demensiya

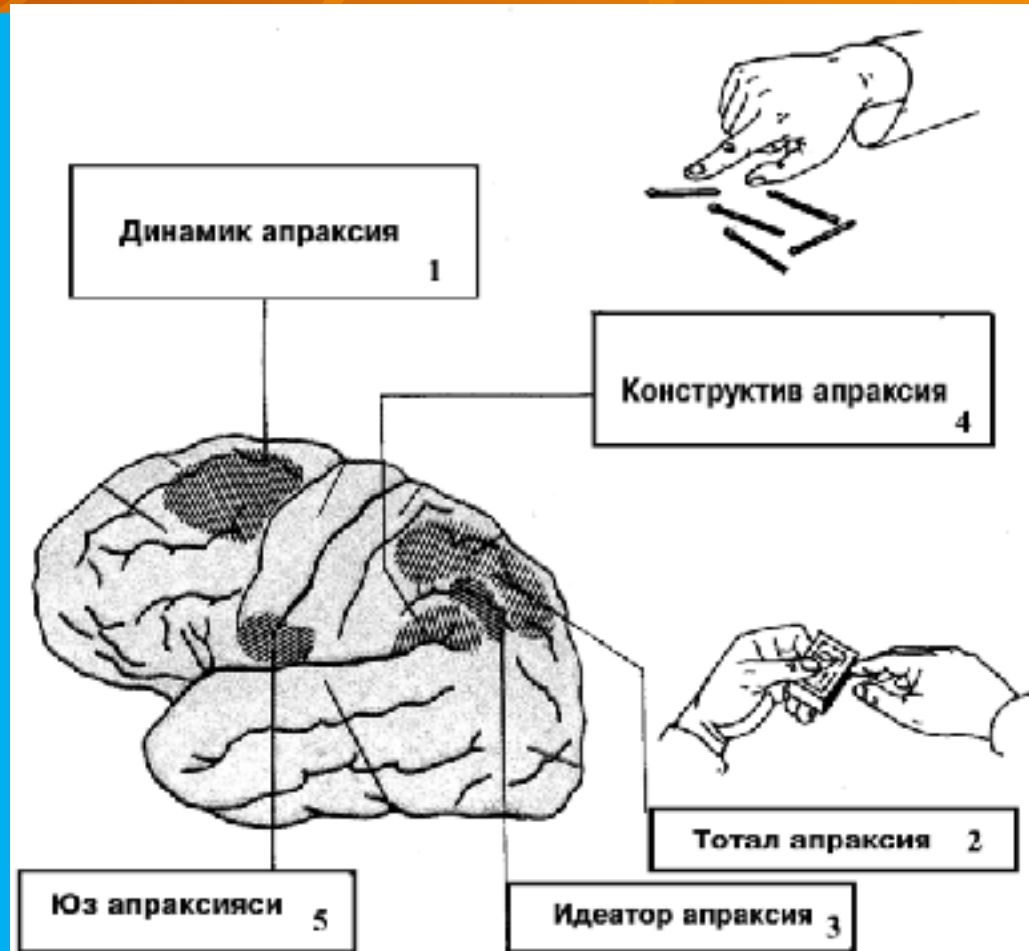
◆ Idiotiya

◆ Debillik

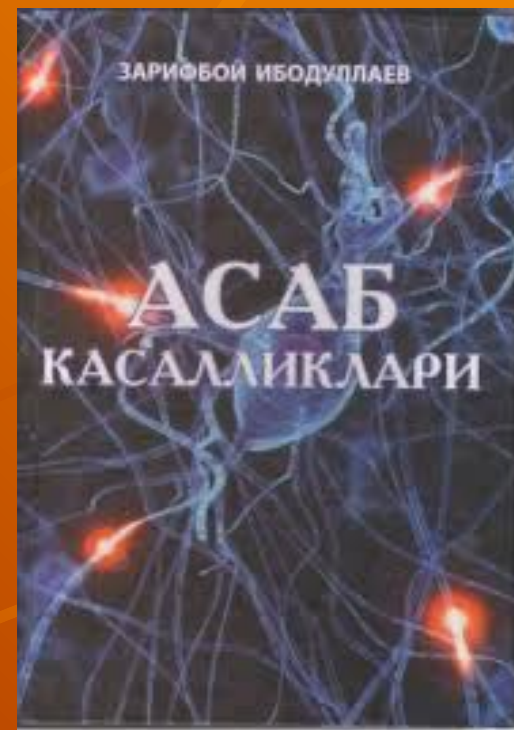
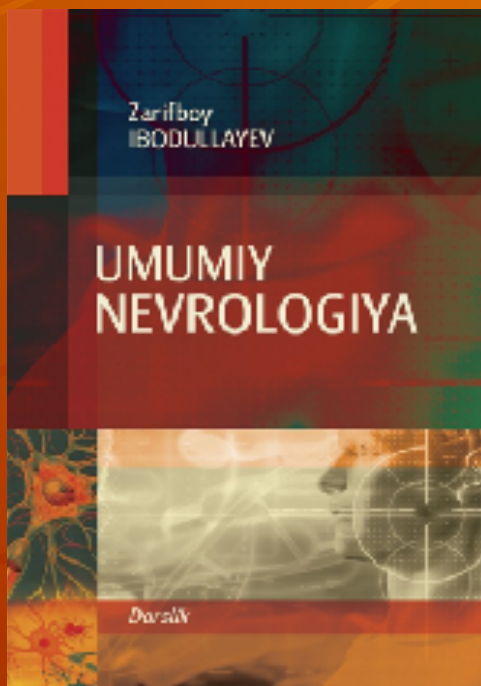
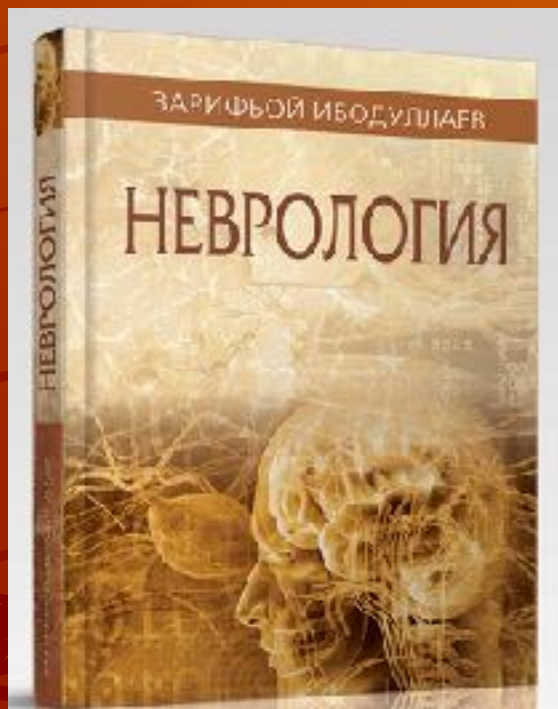


APRAKSIYA TURLARI

- ◆ Motor apraksiya
- ◆ Ideator apraksiya
- ◆ Konstruktiv apraksiya



E'tiboringiz uchun rahmat!



Z.Ibodullayev. www.asab.uz

Ma'ruza muallifi



Zarifboy Ibodullayev – tibbiyot fanlari doktori, professor. Toshkent tibbiyot akademiyasida ishlaydi. 150 dan oshiq ilmiy asarlar muallifi. Uning “Asab kasalliklari” va “Tibbiyot psixologiyasi” darsliklari “Yilning eng yaxshi darsligi” sovriniga sazovor boʻlgan. “Umumiy nevrologiya” darsligi 2021 yil nashrdan chiqdi. Olimning “Epilepsiya”, “Asab va ruhiyat” “Insult va Koma” nomli qoʻllanmalari ham chop etilgan.