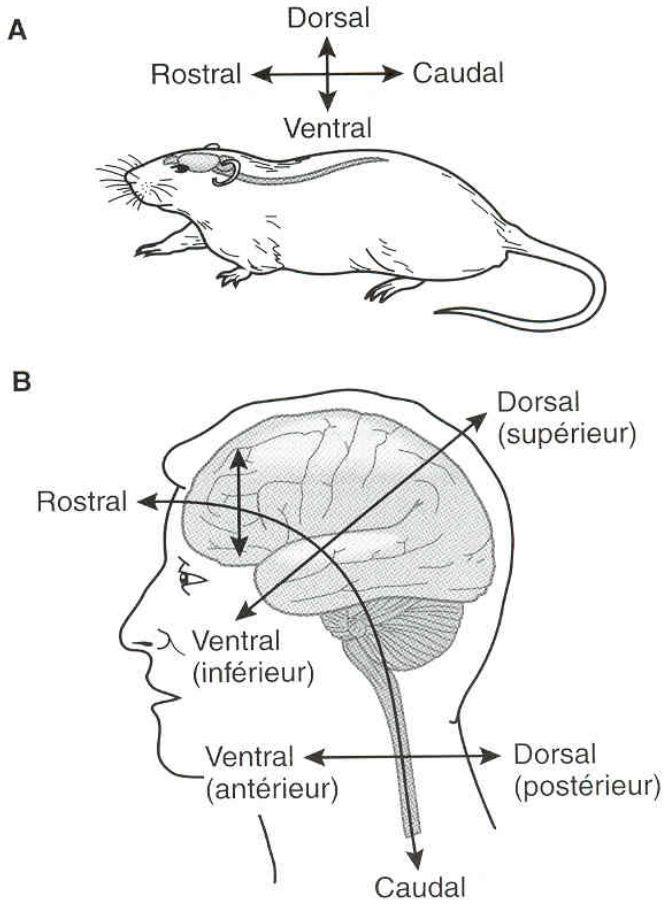
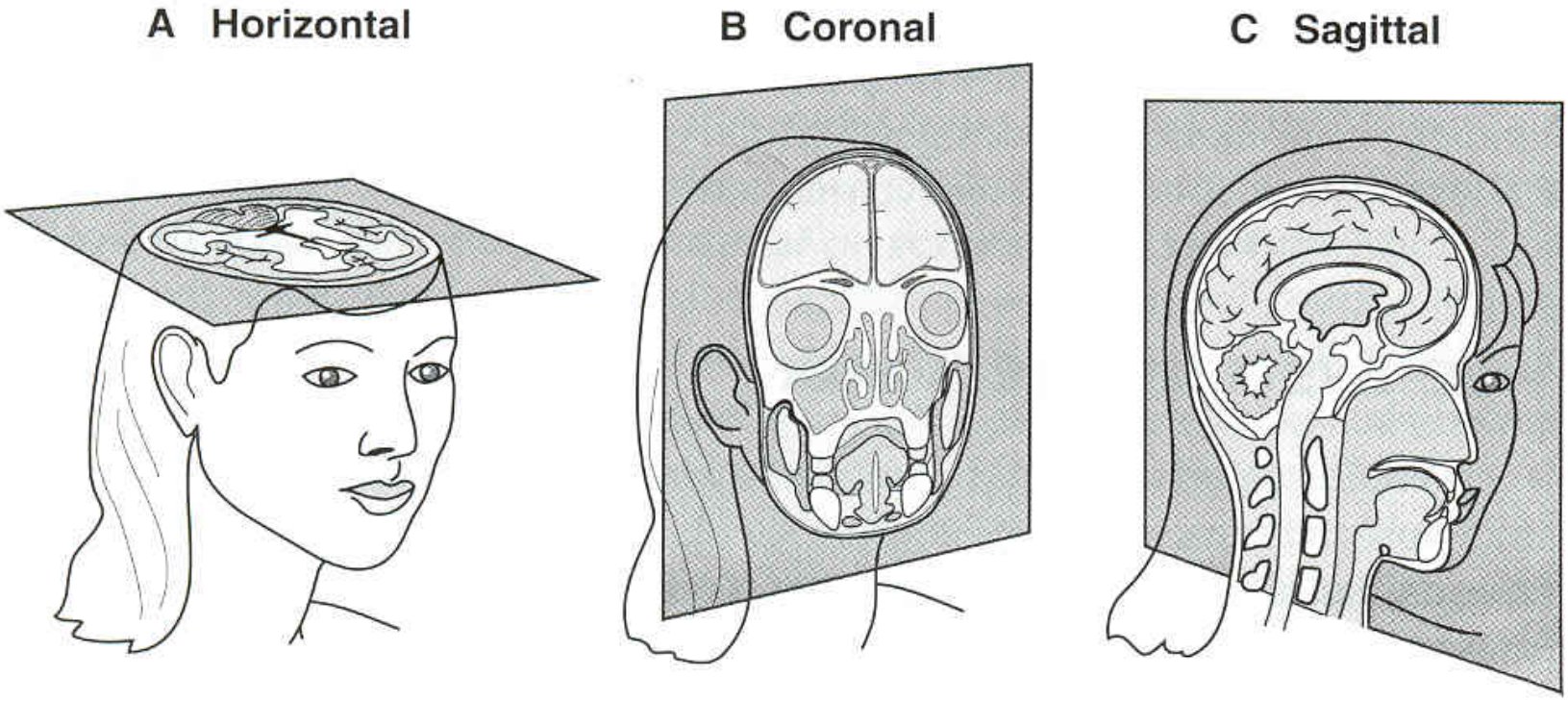
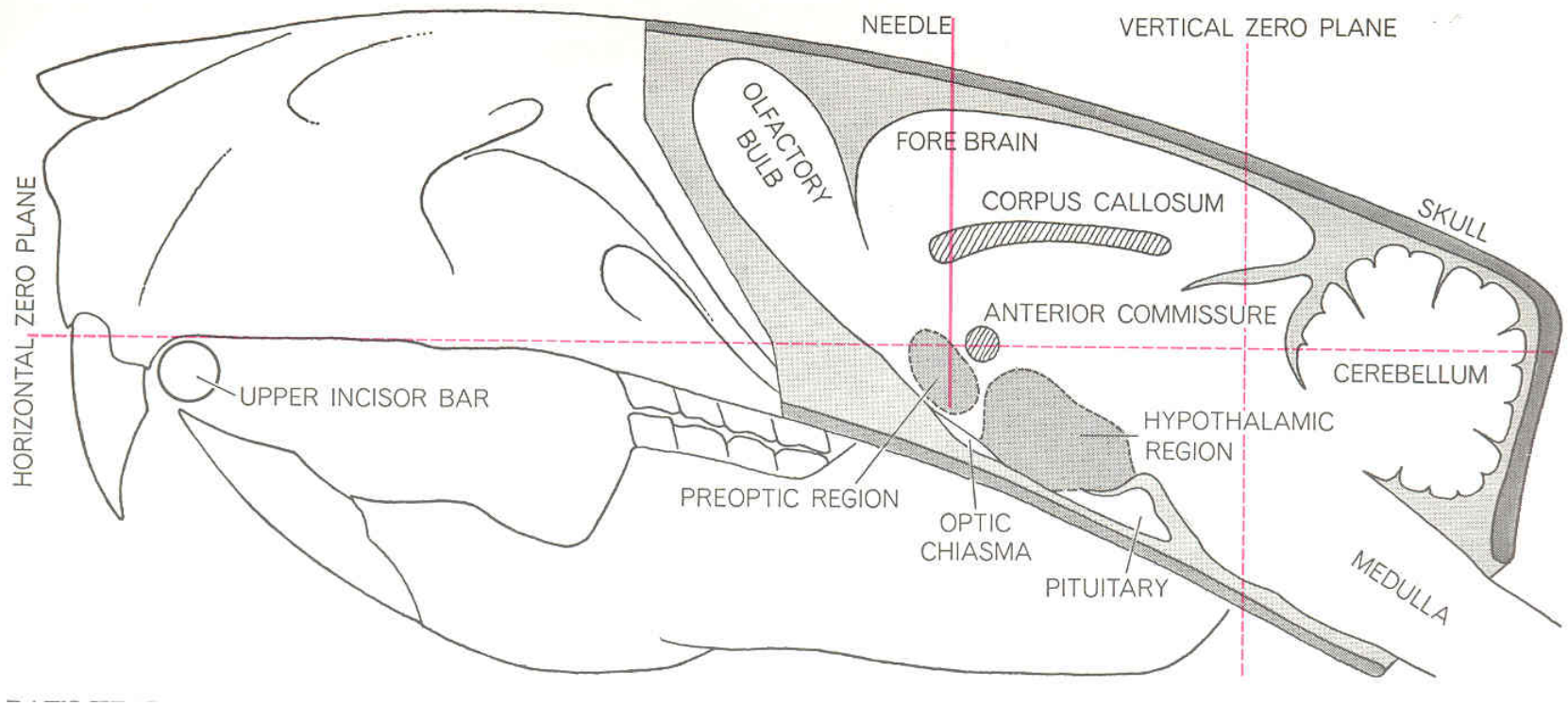
Neuroanatomie



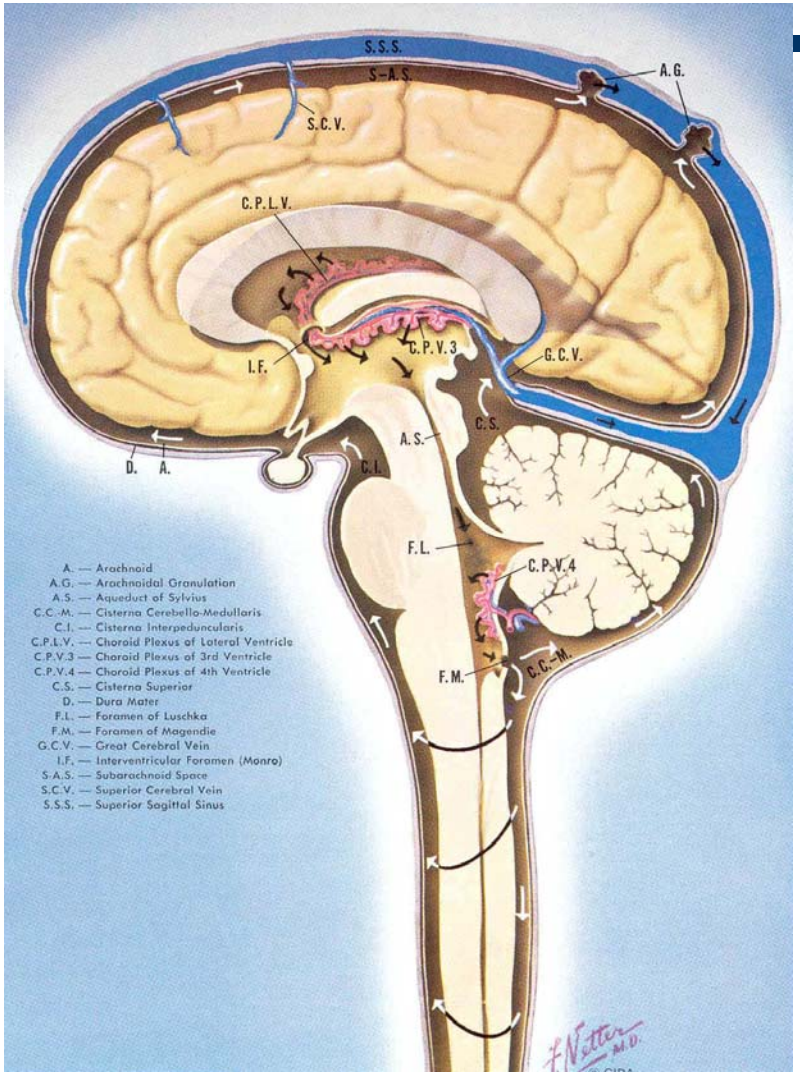
Plans anatomiques

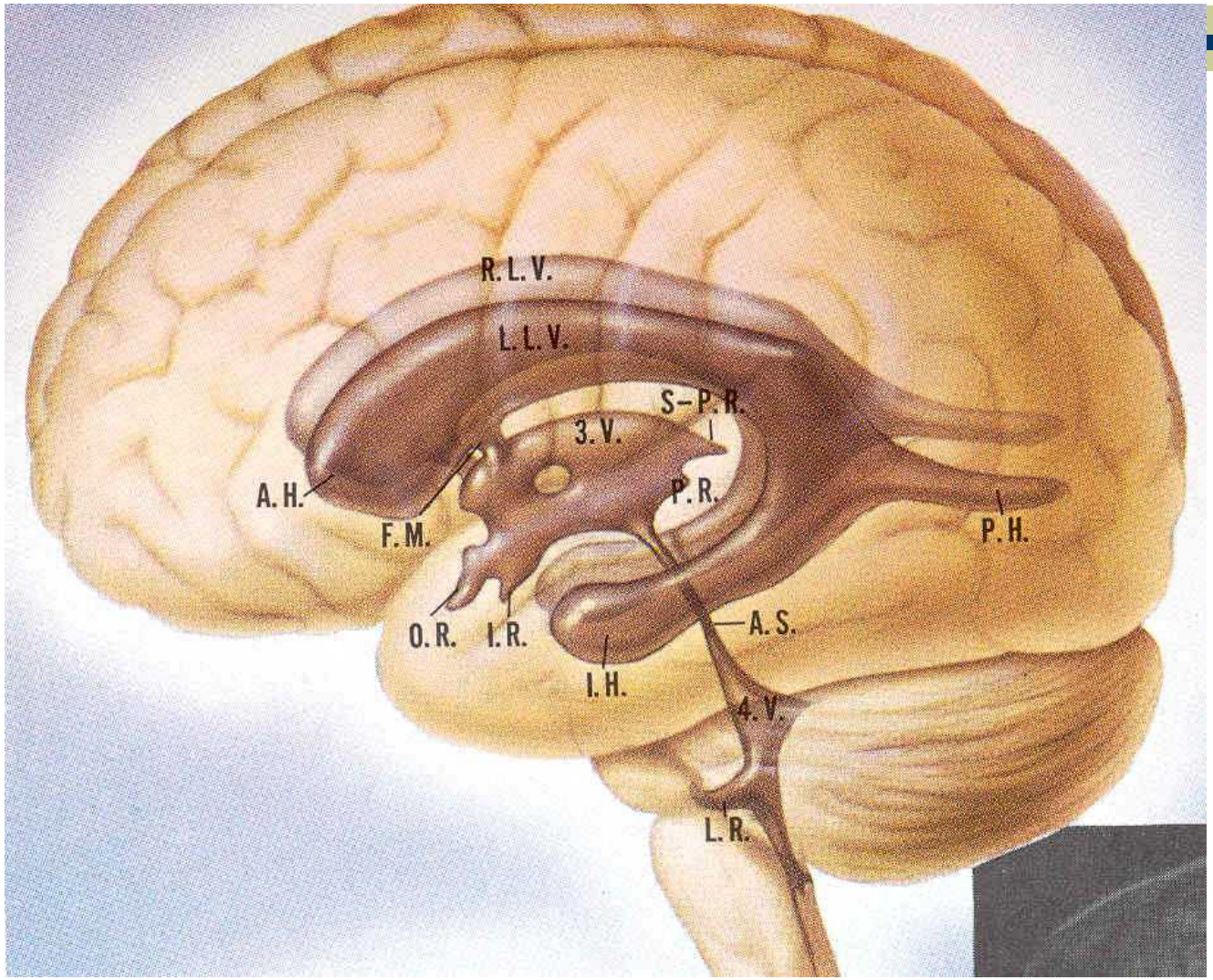


Crâne de rat

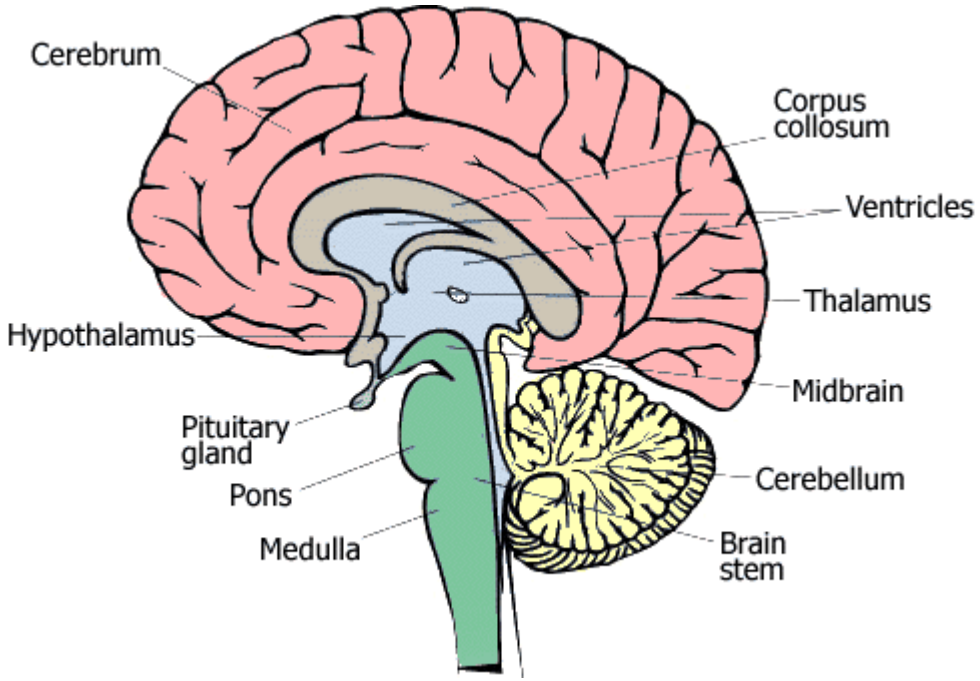

NEEDLE
VERTICAL ZERO PLANE
OLFACTORY BULB
FORE BRAIN
CORPUS CALLOSUM
SKULL
ANTERIOR COMMISSURE
HORIZONTAL ZERO PLANE
CEREBELLUM
UPPER INCISOR BAR
HYPOTHALAMIC REGION
PREOPTIC REGION
OPTIC CHIASMA
PITUITARY
MEDULLA

SNC

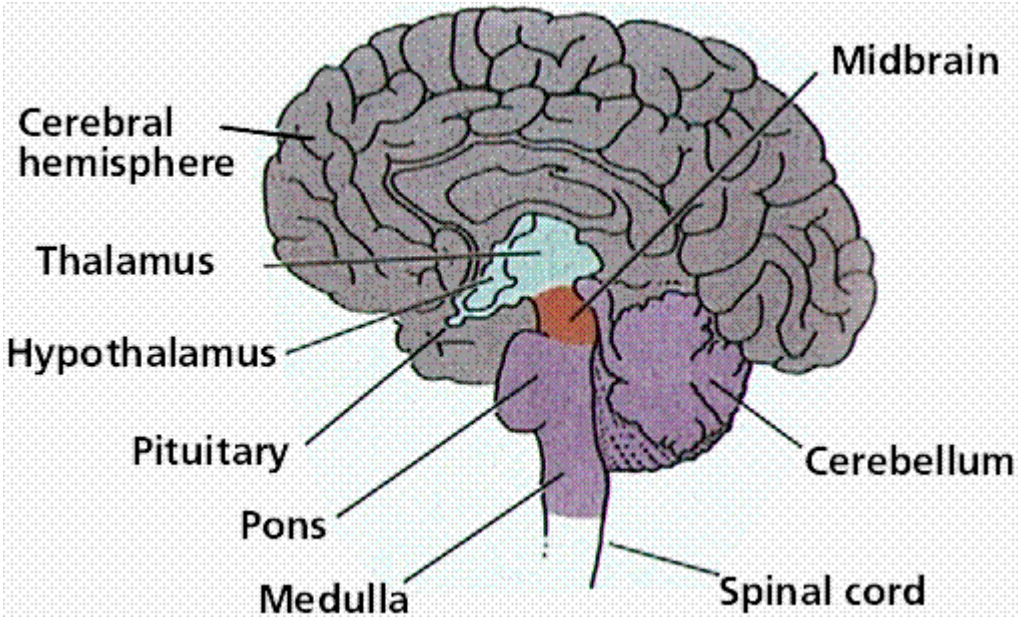

S.S.S.
S.-A.S.
S.C.V.
A.G.
C.P.L.V.
C.P.V.3
I.F.
G.C.V.
C.S.
A.S.
D.
A.
C.I.
F.L.
C.P.V.4
F.M.
C.C.-M.
A. — Arachnoid
A.G. — Arachnoidal Granulation
A.S. — Aqueduct of Sylvius
C.C.-M. — Cisterna Cerebello-Medullaris
C.I. — Cisterna Interpeduncularis
C.P.L.V. — Choroid Plexus of Lateral Ventricle
C.P.V.3 — Choroid Plexus of 3rd Ventricle
C.P.V.4 — Choroid Plexus of 4th Ventricle
C.S. — Cisterna Superior
D. — Dura Mater
F.L. — Foramen of Luschka
F.M. — Foramen of Magendie
G.C.V. — Great Cerebral Vein
I.F. — Interventricular Foramen (Monro)
S.A.S. — Subarachnoid Space
S.C.V. — Superior Cerebral Vein
S.S.S. — Superior Sagittal Sinus


R.L.V.
L.L.V.
S–P.R.
3.V.
A.H.
P.R.
F.M.
P.H.
O.R.
I.R.
A.S.
I.H.
4.V.
L.R.

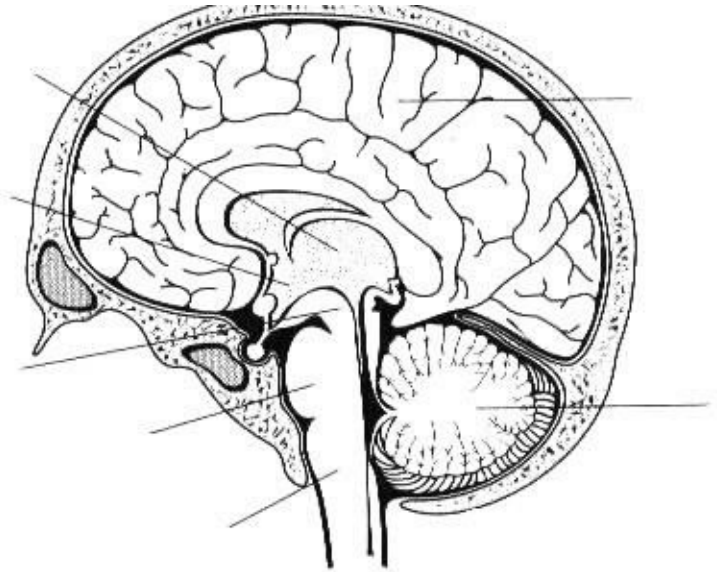
Hémisphère droite



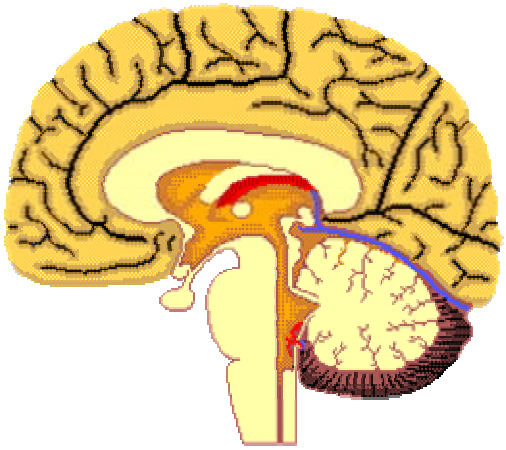
Hémisphère droite



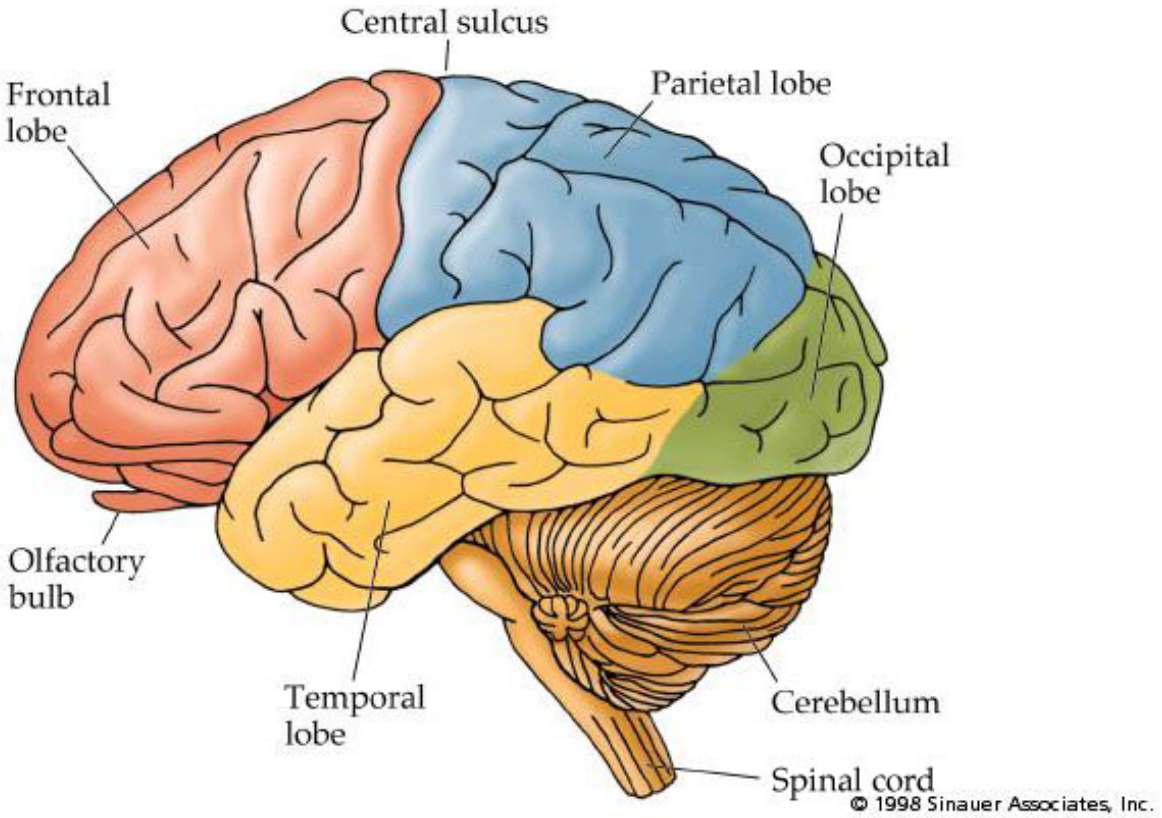
Hémisphère droite



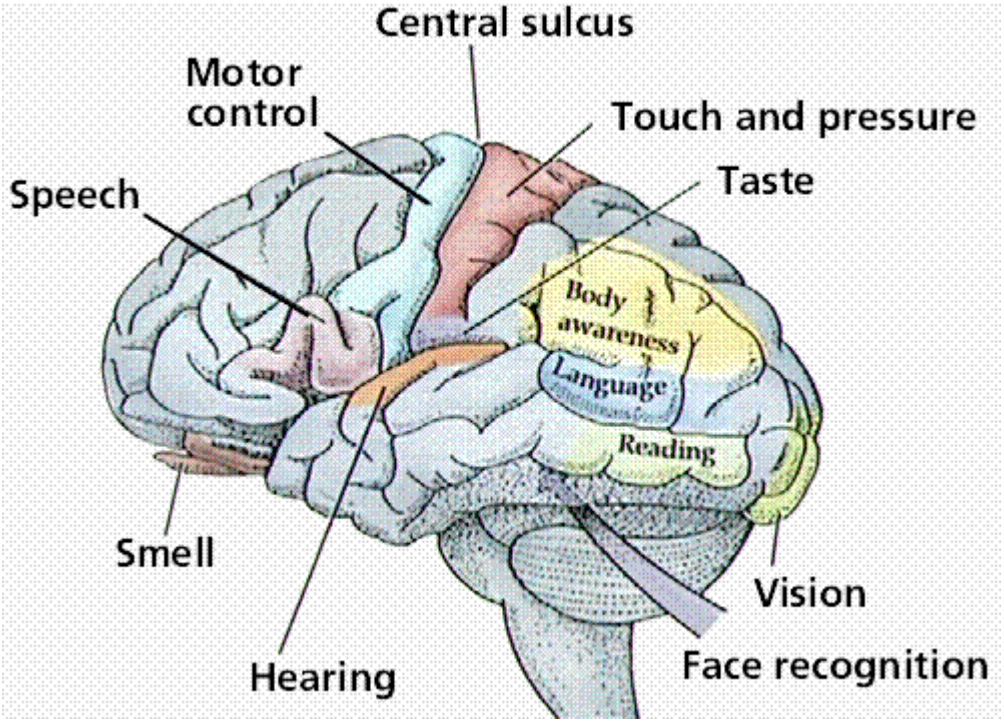
Hémisphère droite



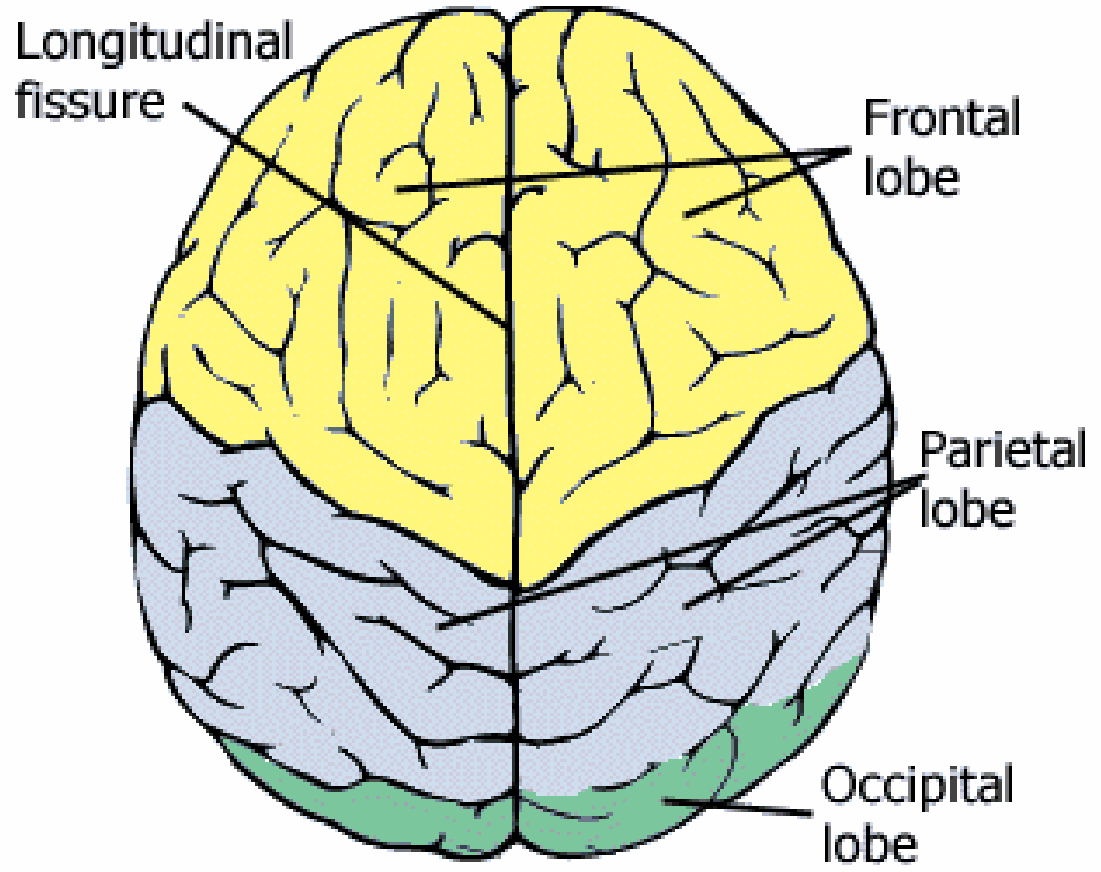
Face latérale



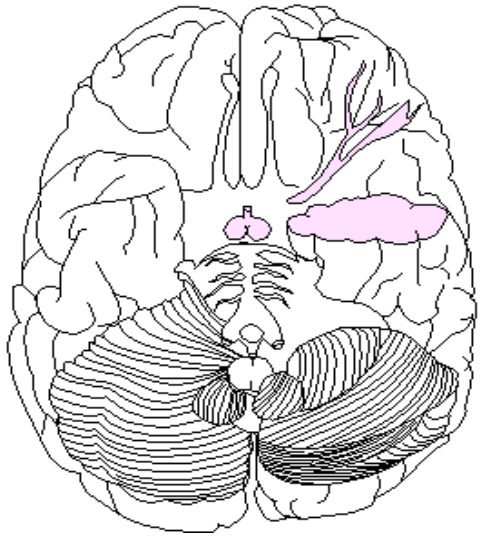
Surface cérébrale



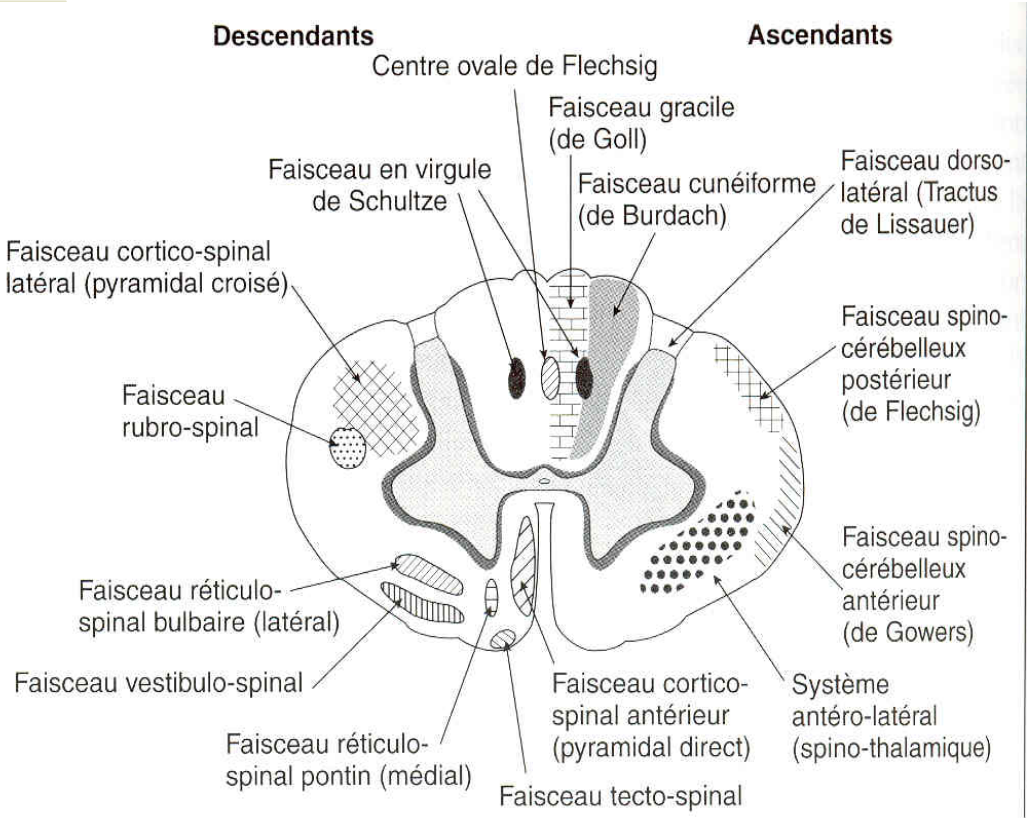
Face dorsale



Face ventrale



Voies spinales ascendantes



- **Faisceaux gracile et cunéiforme**

Sensibilité musculaire consciente liée à la position du corps, trajet croisé: tact, pression, vibration

- **Faisceau spinocérébelleux postérieur**

Sensibilité musculaire inconsciente concernant le tonus et la posture, trajet direct

- **Faisceau spinocérébelleux antérieur**

Sensibilité musculaire inconsciente, trajet croisé

- **Faisceau spinothalamique latéral**

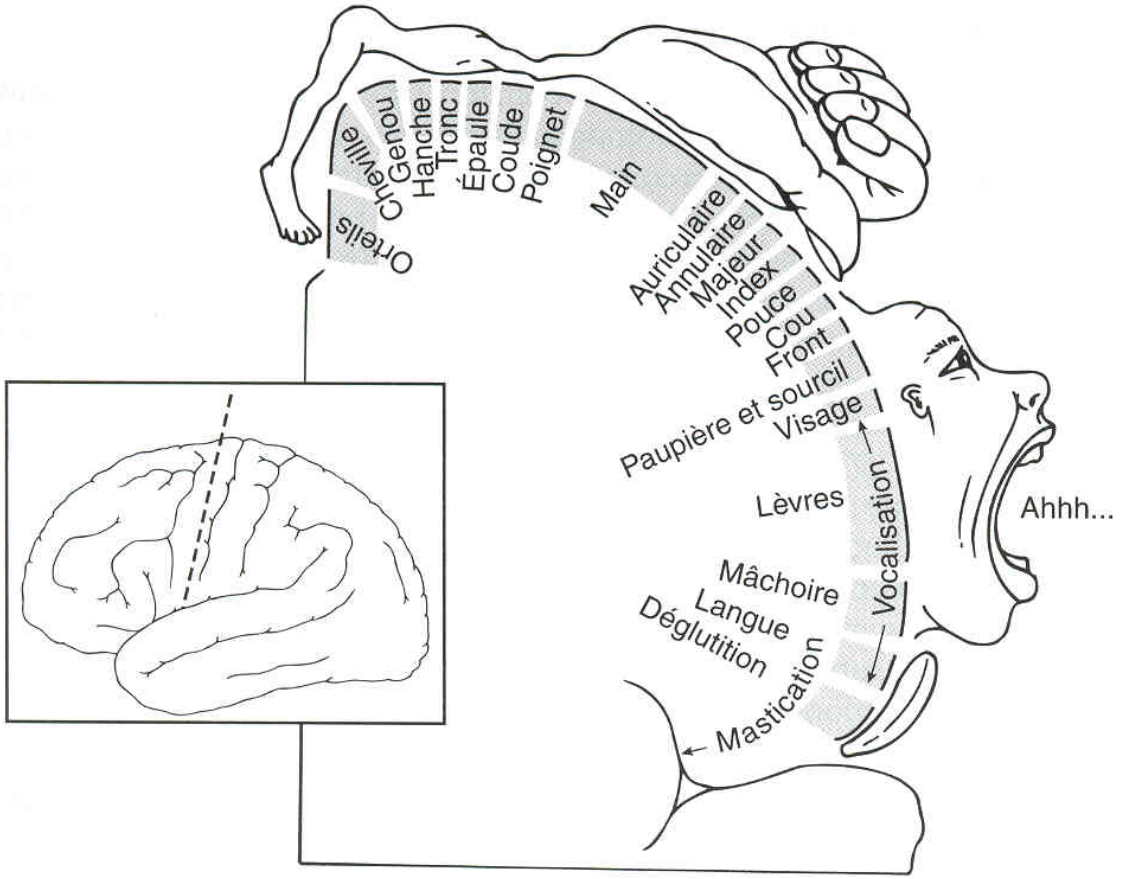
Sensibilité à la douleur et à la température, trajet croisé

- **Faisceau spinothalamique antérieur**

Sensibilité tactile, trajet croisé

Homoncule moteur

- Cortex moteur



Voies spinales descendantes

- **Faisceau corticospinal lateral**

Contrôle conscient des muscles squelettiques, trajet croisé

- **Faisceau rubrospinal**

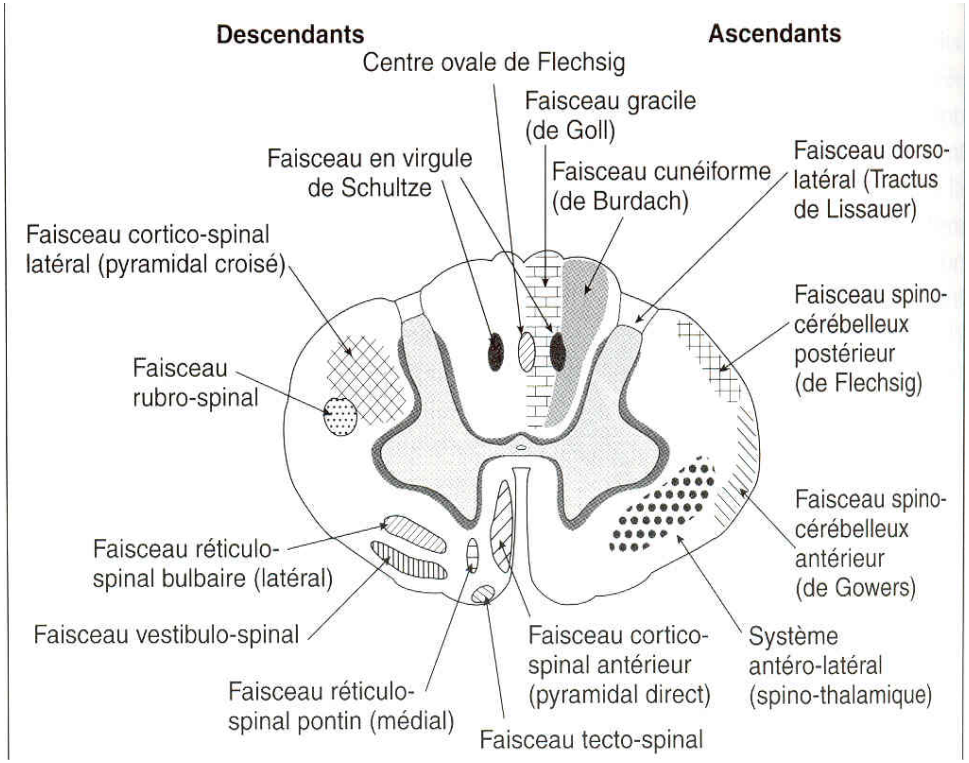
Contrôle involontaire des muscles squelettiques (tonus et posture), trajet croisé

- **Faisceau corticospinal antérieur**

Contrôle volontaire des muscles squelettiques, trajet direct jusqu'au niveau de termination, où il croise

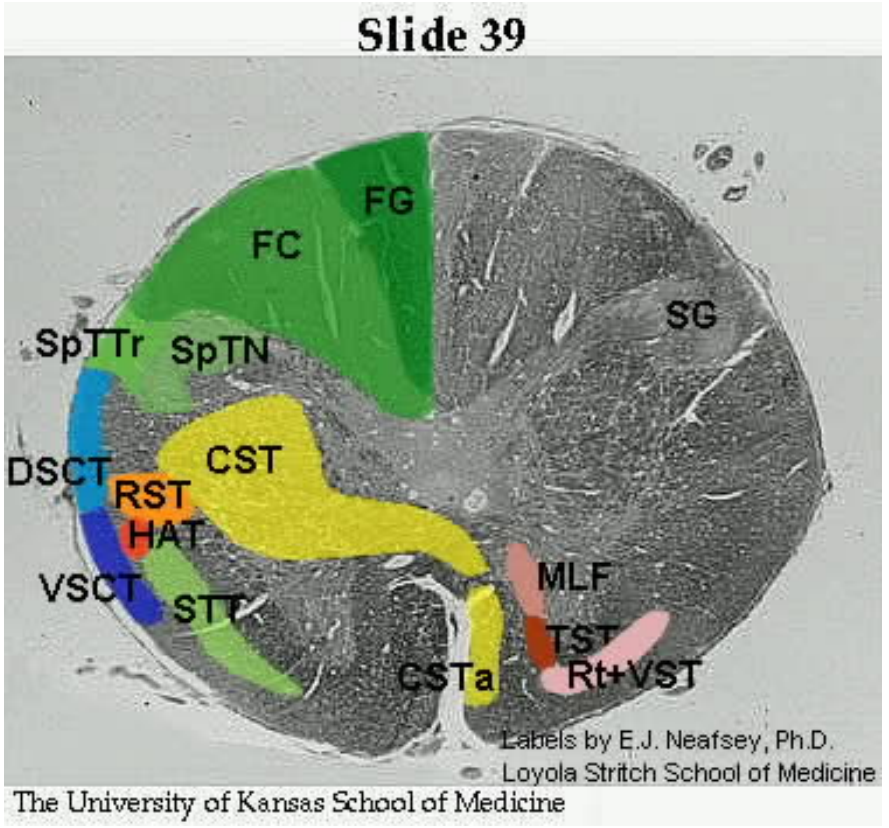
- **Faisceau vestibulospinal**

Contrôle involontaire du tonus musculaire afin de maintenir l'équilibre et la posture, trajet direct

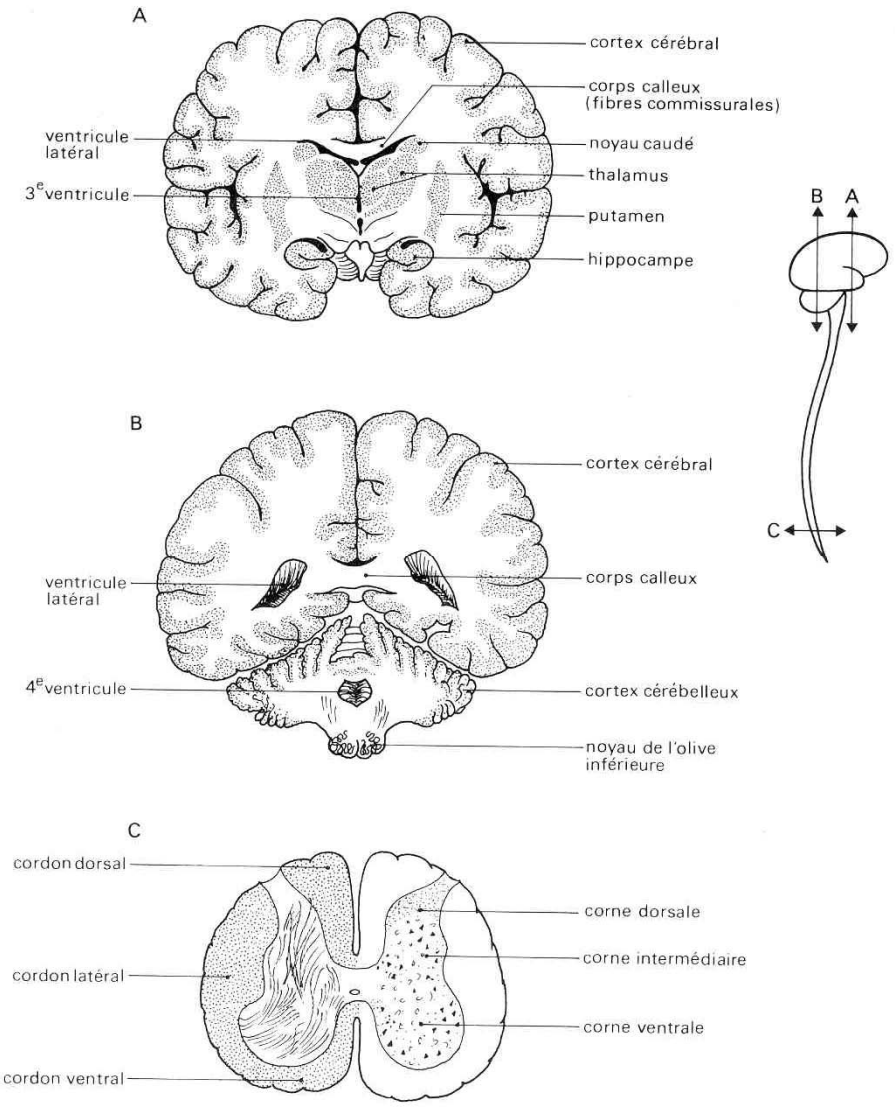


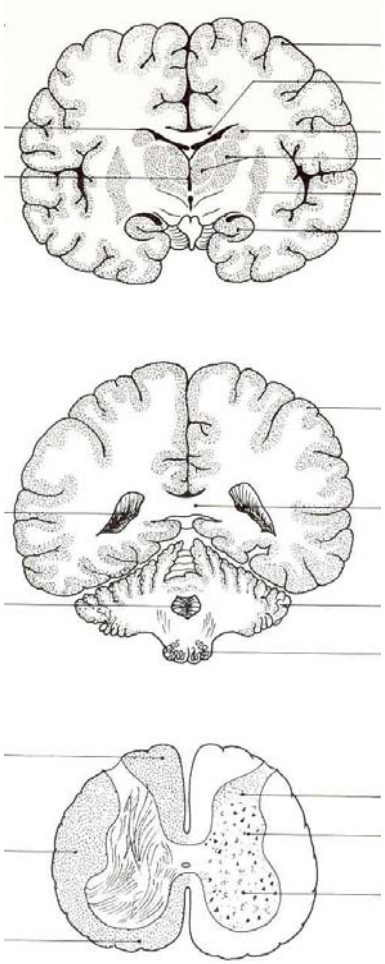
- FG/FC
- DSCT/VSCT Spinocérébell
- STT Spinothalamique

- RST Rubrospinal
- Rt+VST Réticulo et vestibulospinale
- CST Corticospinal



Coupes frontales





Organisation corticale

Moléculaire

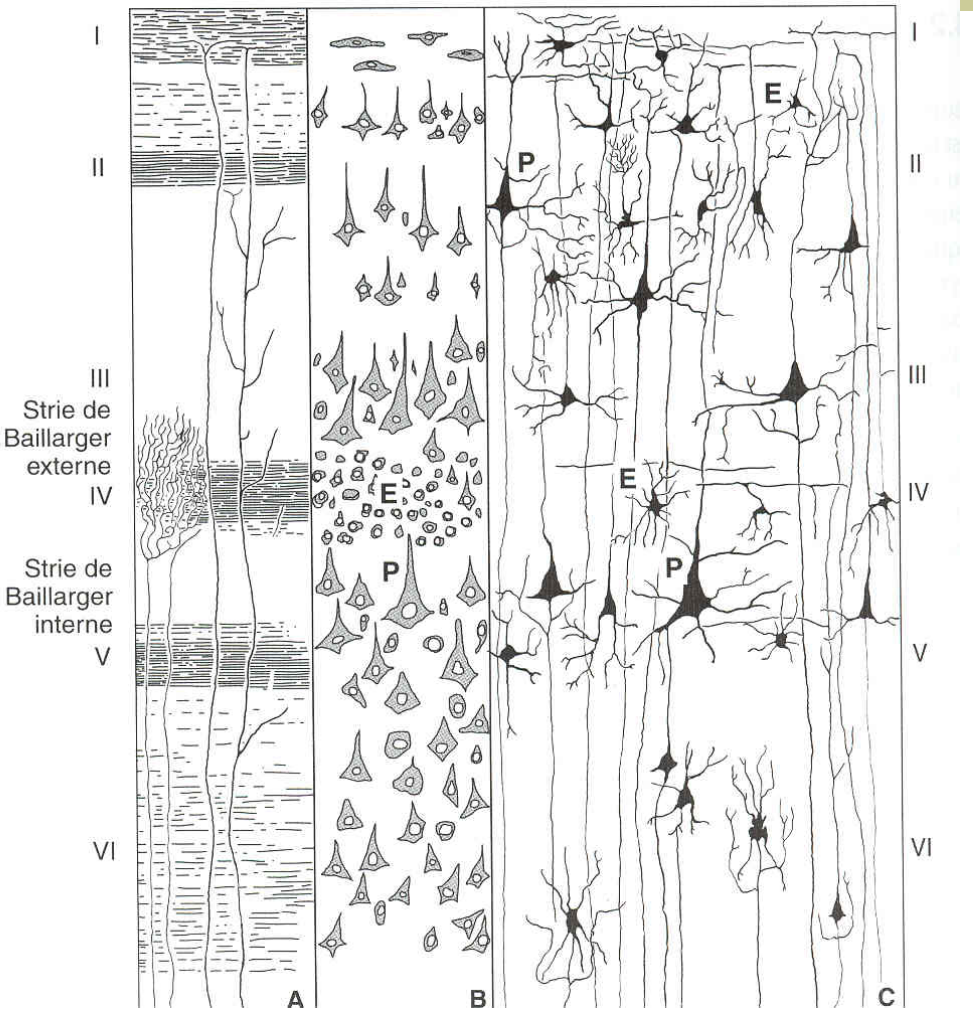
Granulaire externe

Pyramidale moyenne

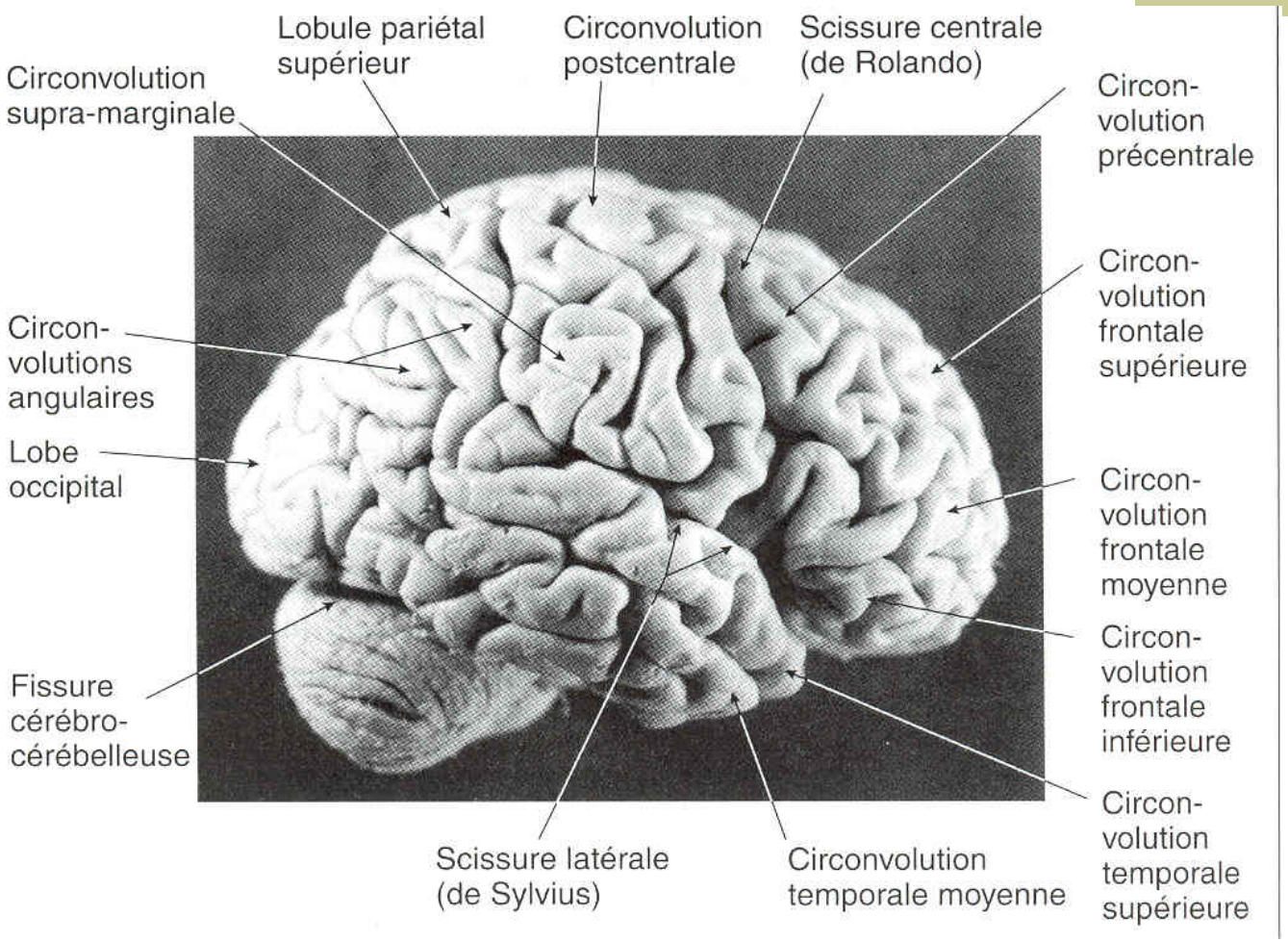
Granulaire interne

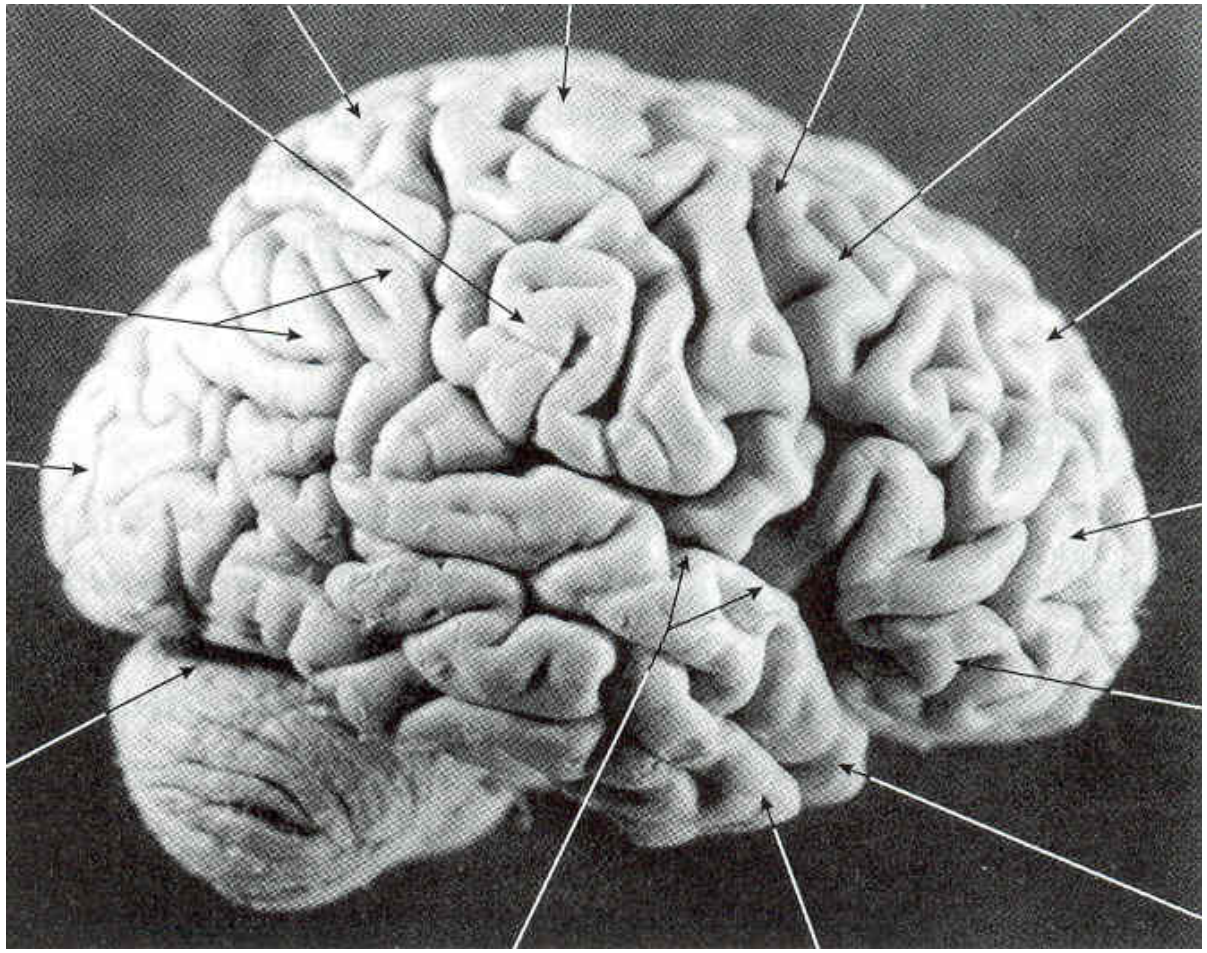
Grandes pyramidales

Fuseaux

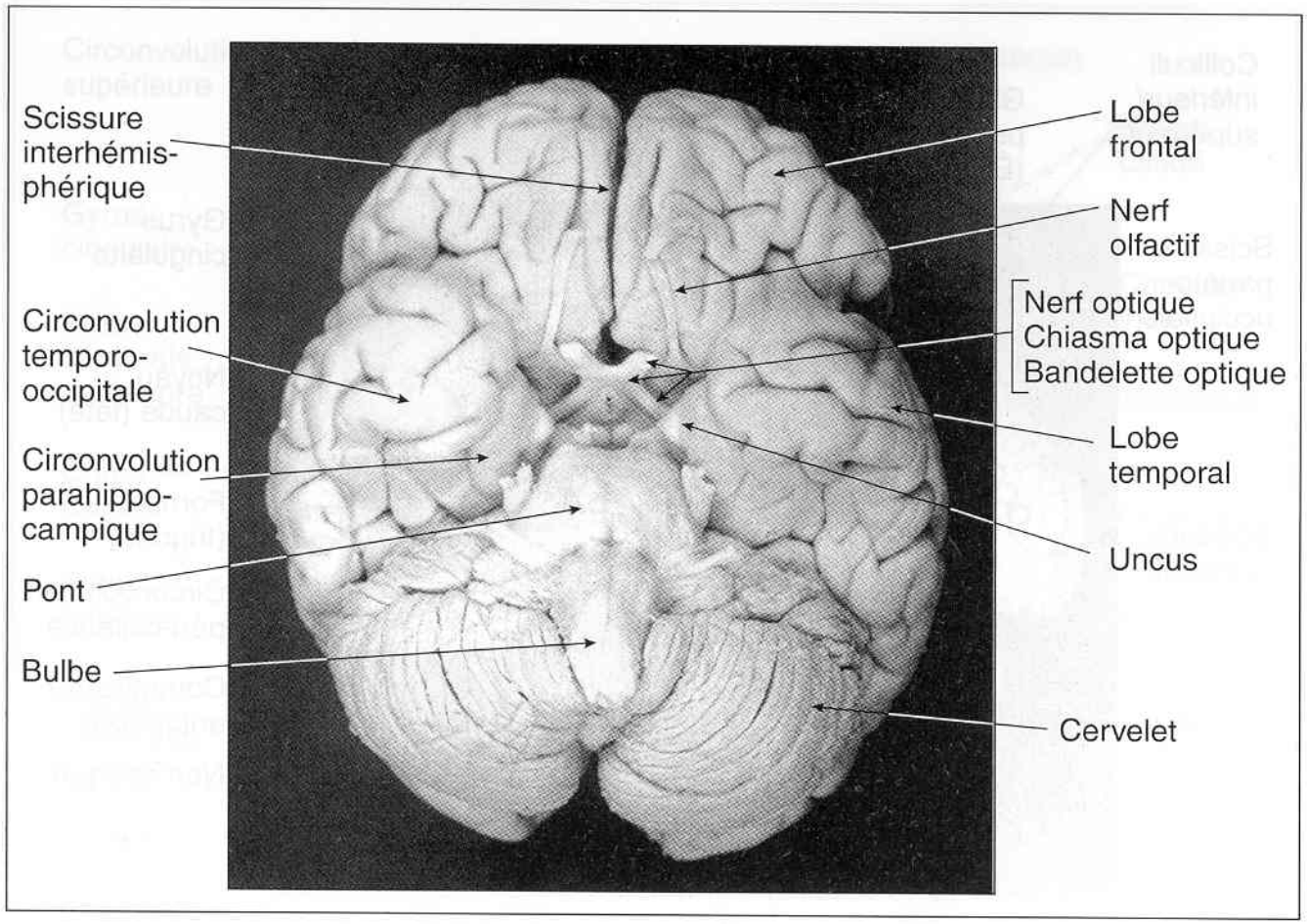


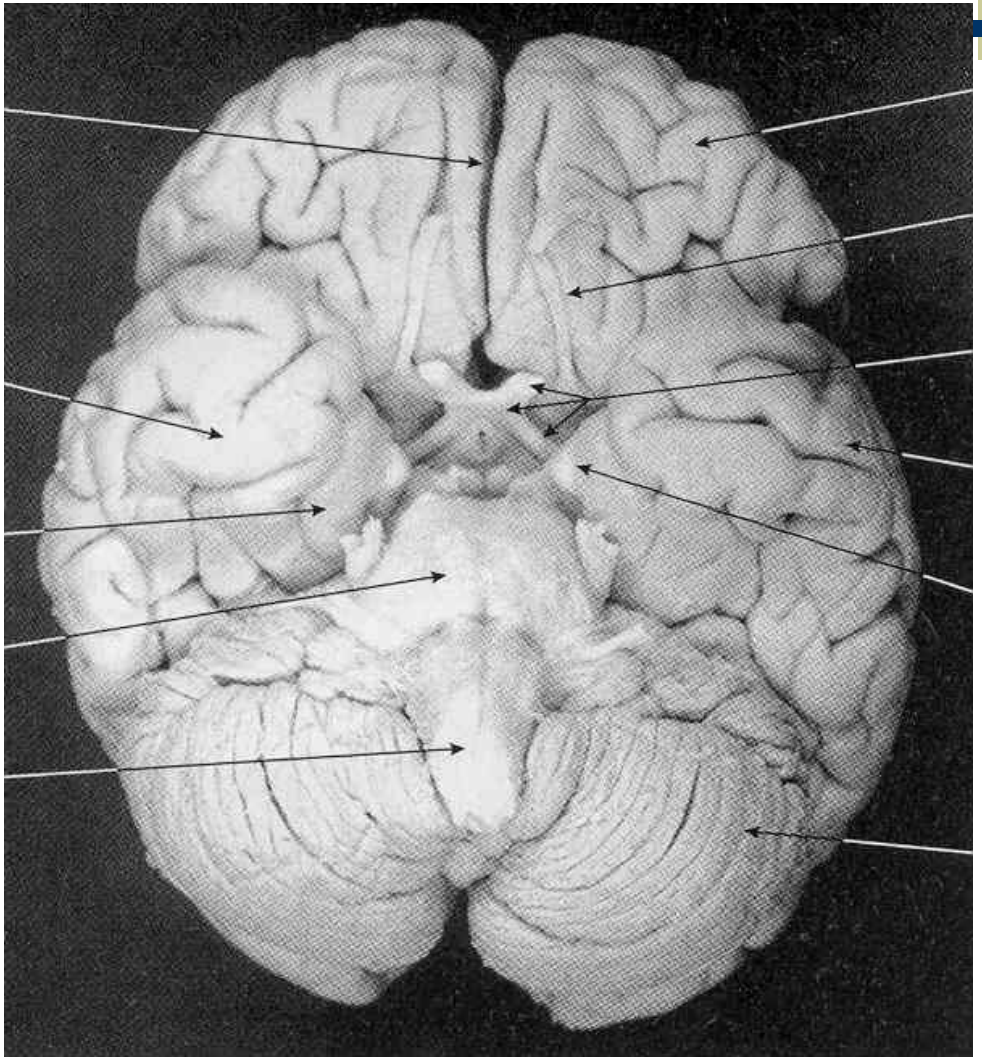
Cortex cérébral: vue latérale



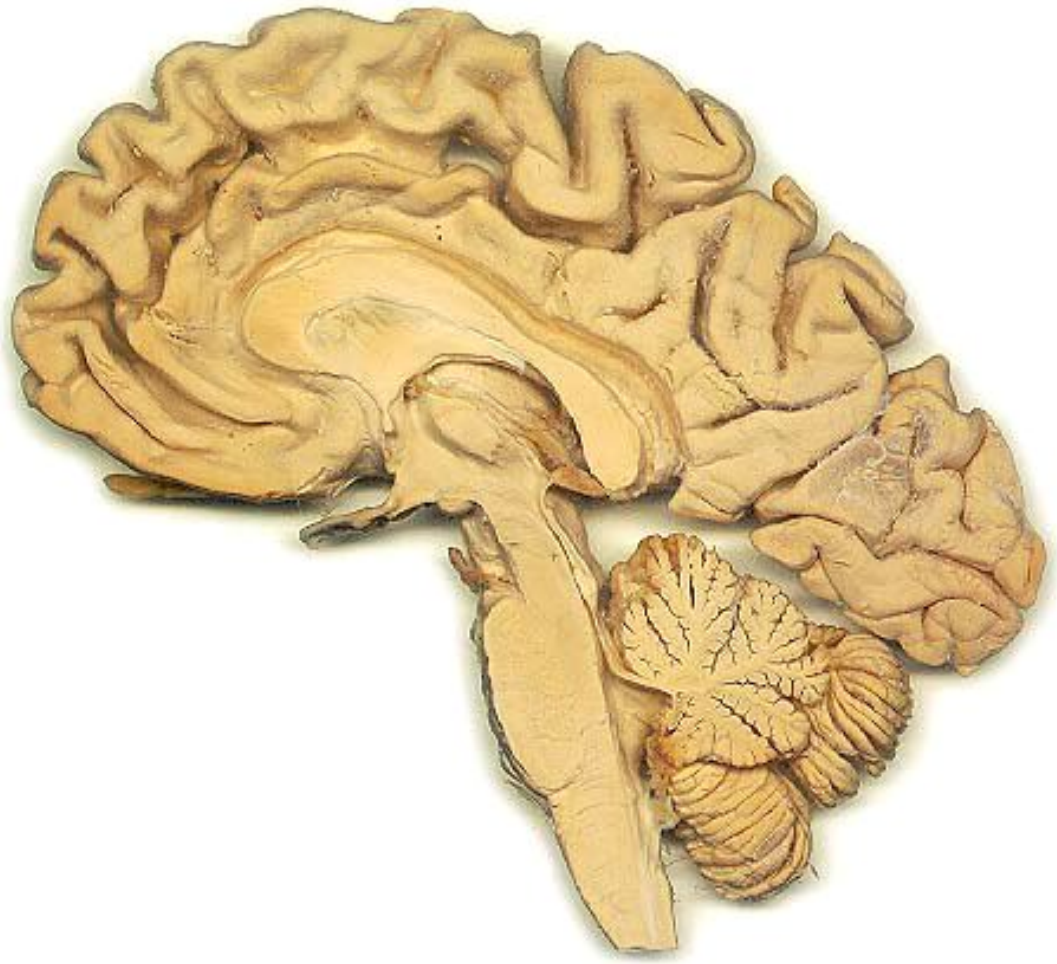


Surface ventrale du cerveau

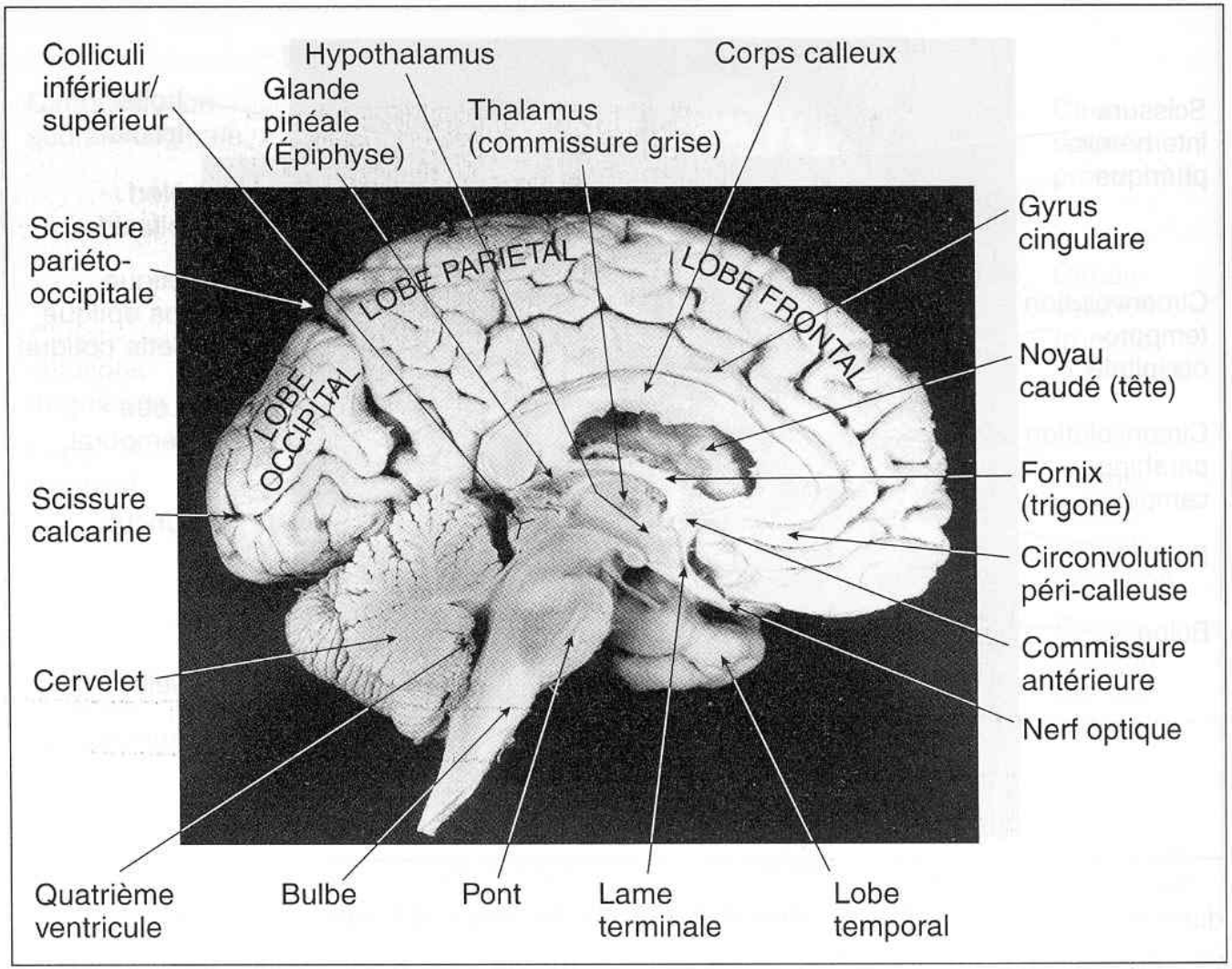


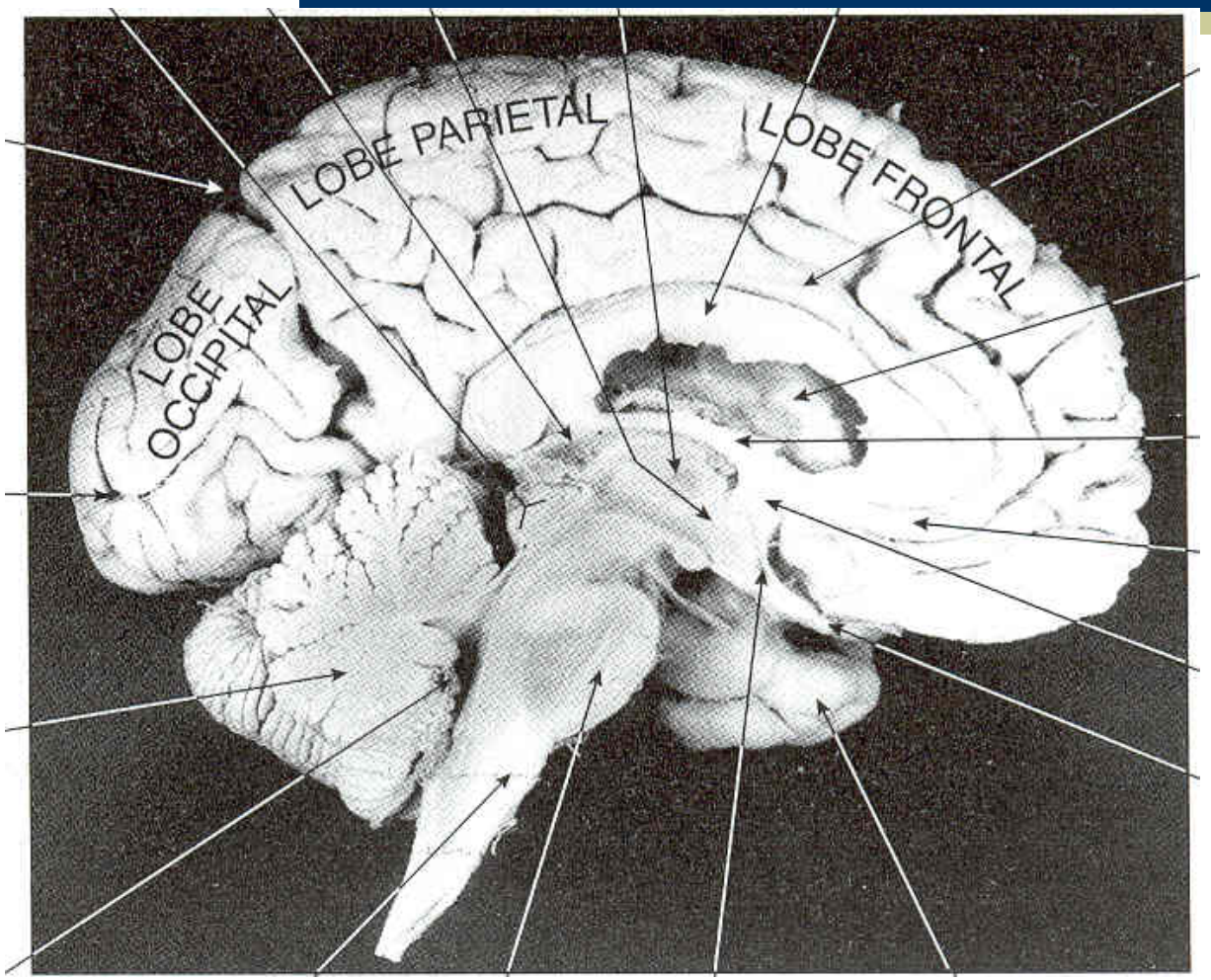


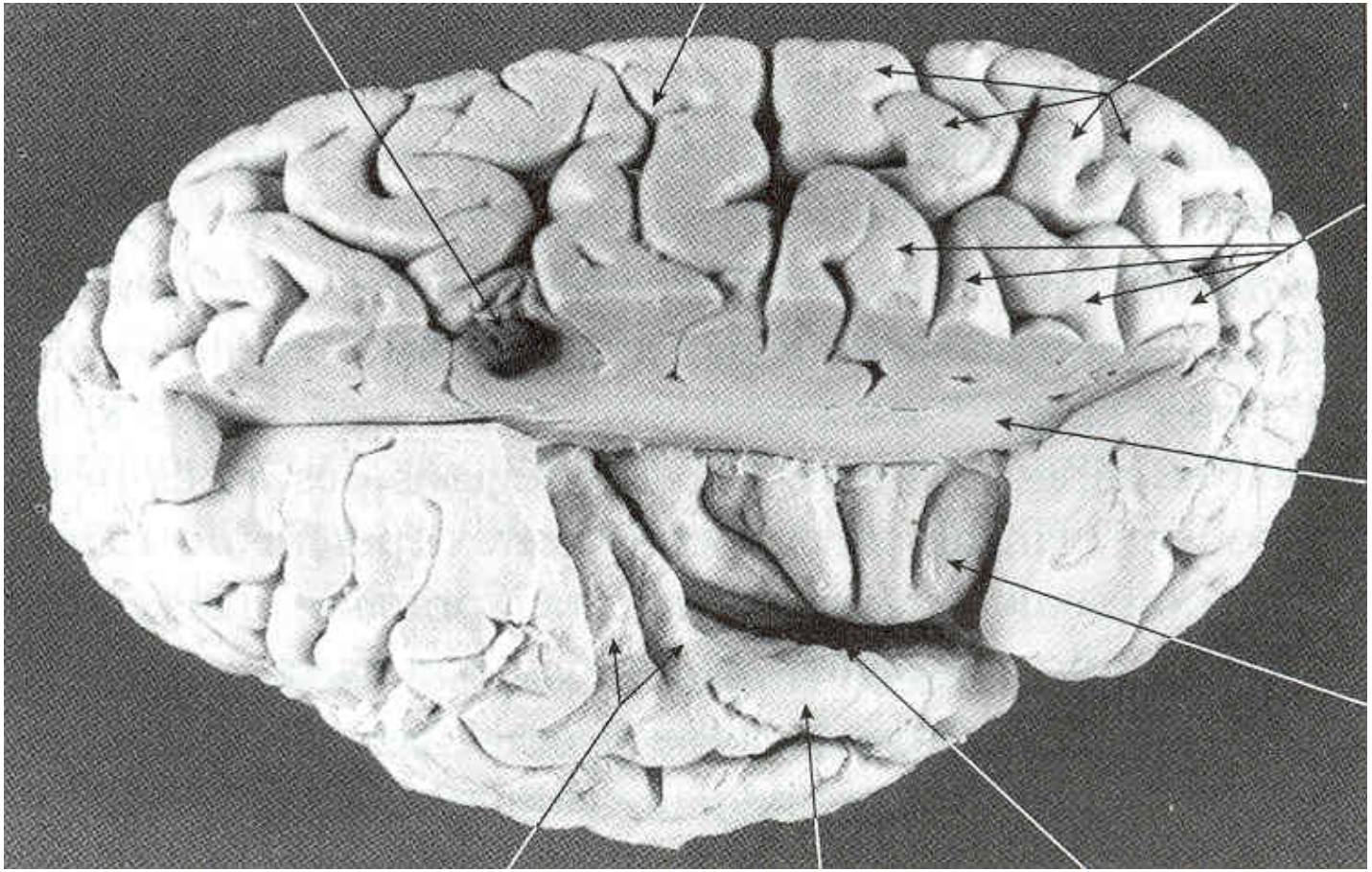
Coupe sagittale centrale

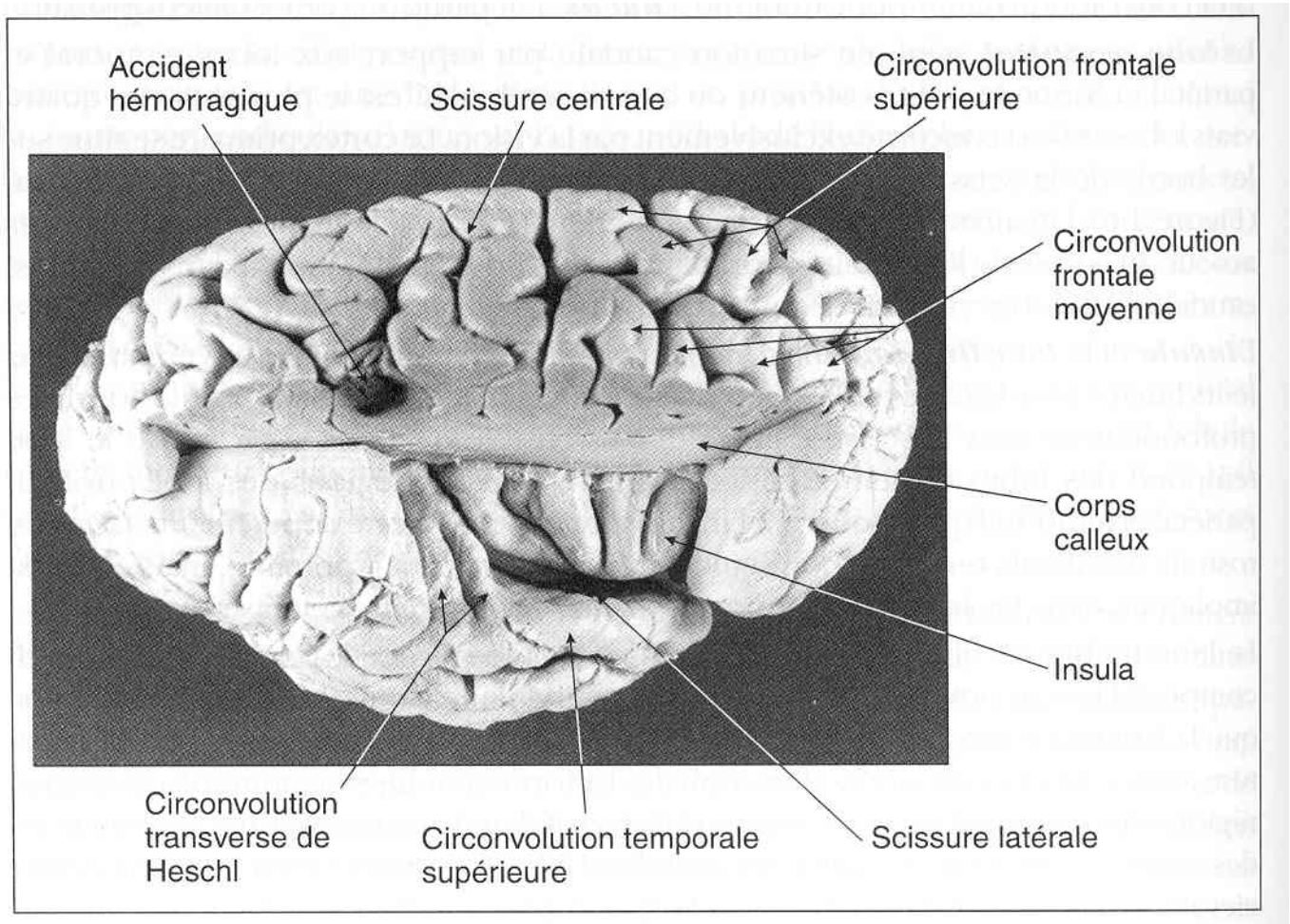


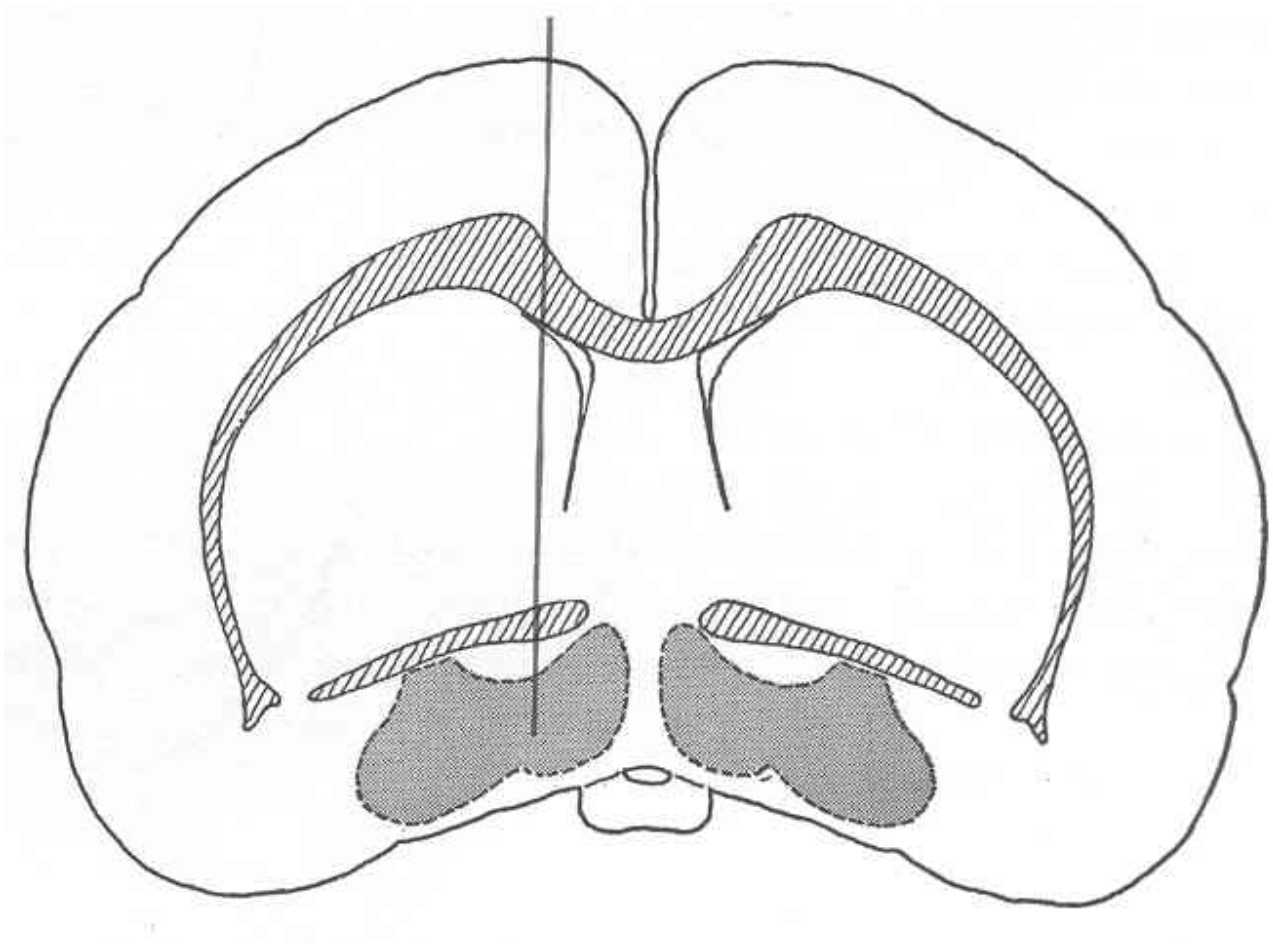
Coupe sagittale centrale

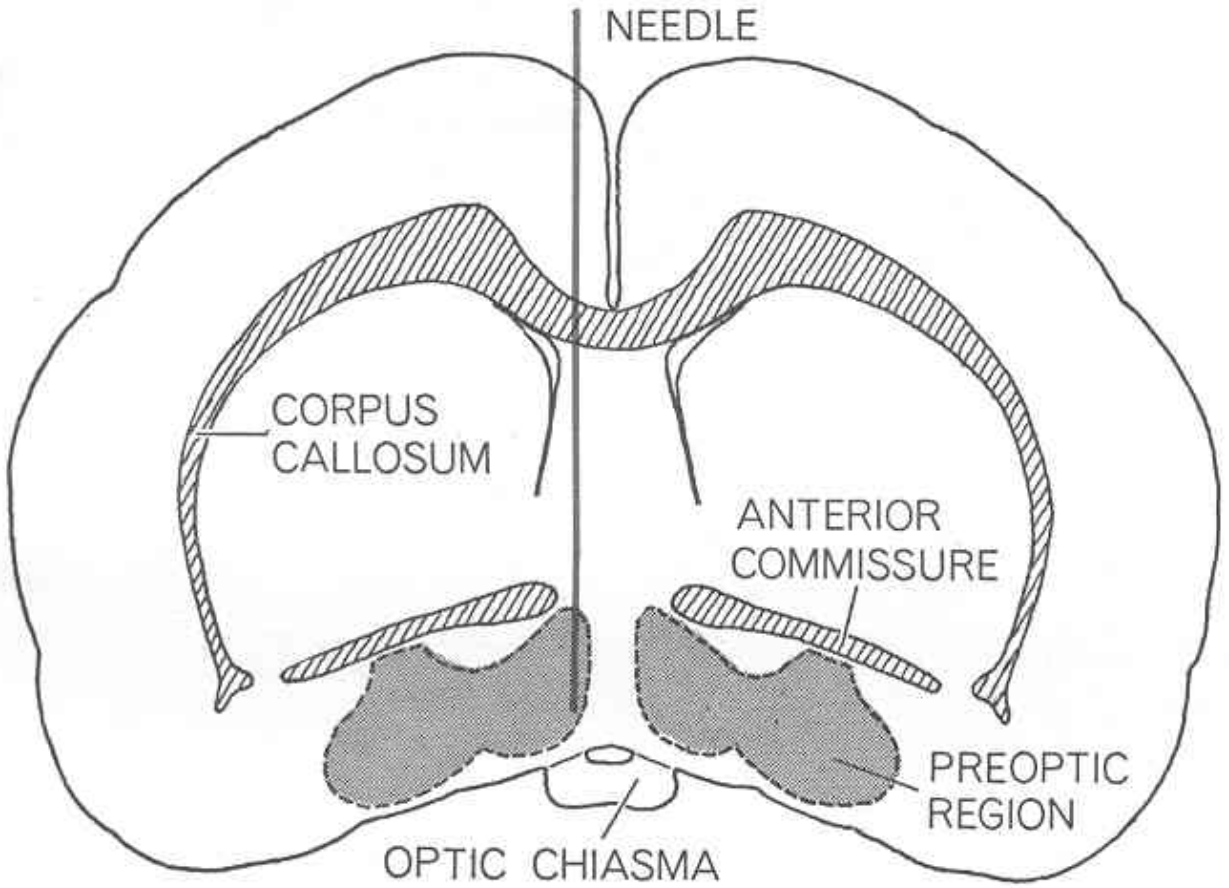



LOBE PARIETAL
LOBE FRONTAL
LOBE OCCIPITAL

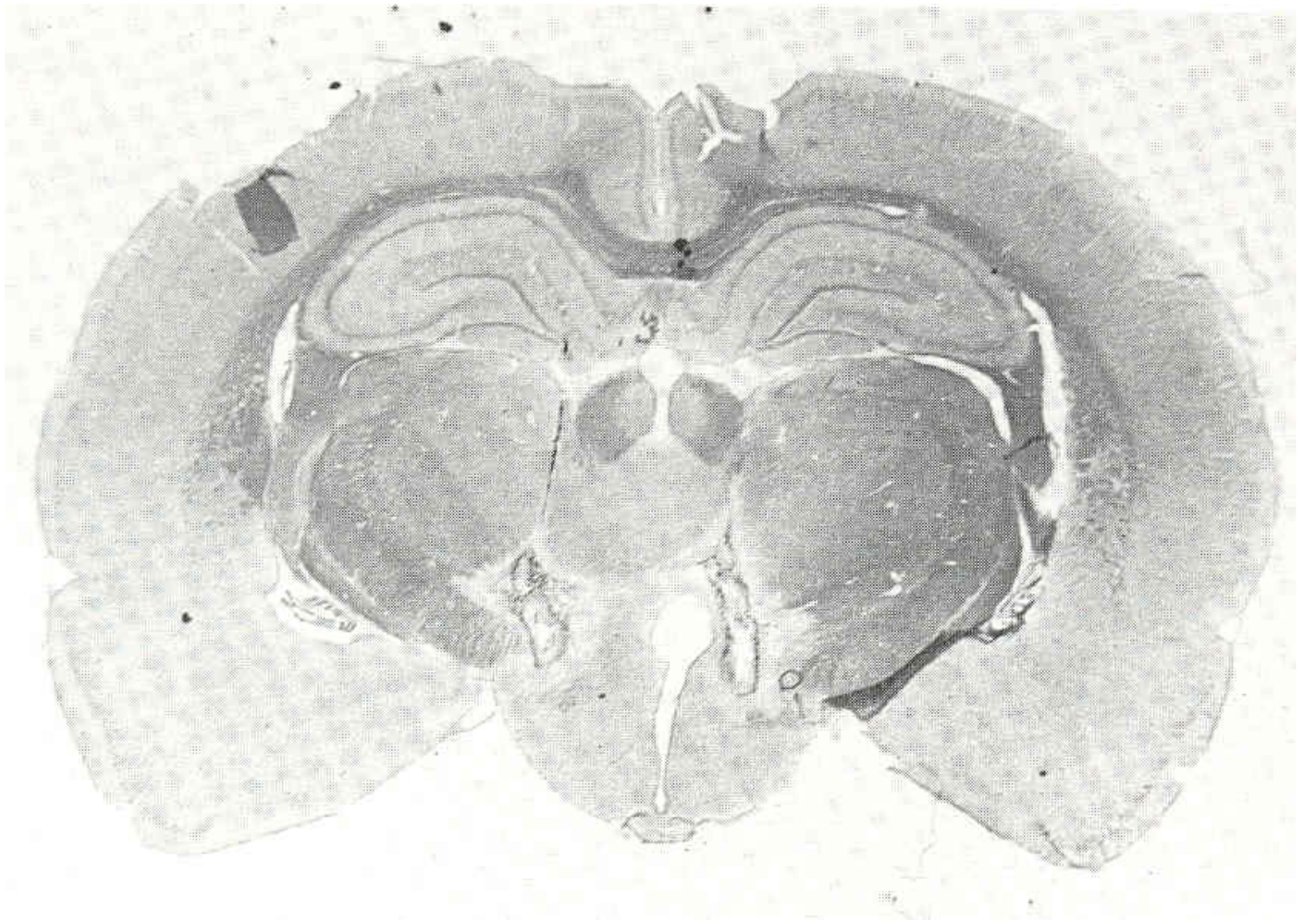



Accident hémorragique
Scissure centrale
Circonvolution frontale supérieure
Circonvolution frontale moyenne
Corps calleux
Insula
Circonvolution transverse de Heschl
Circonvolution temporale supérieure
Scissure latérale

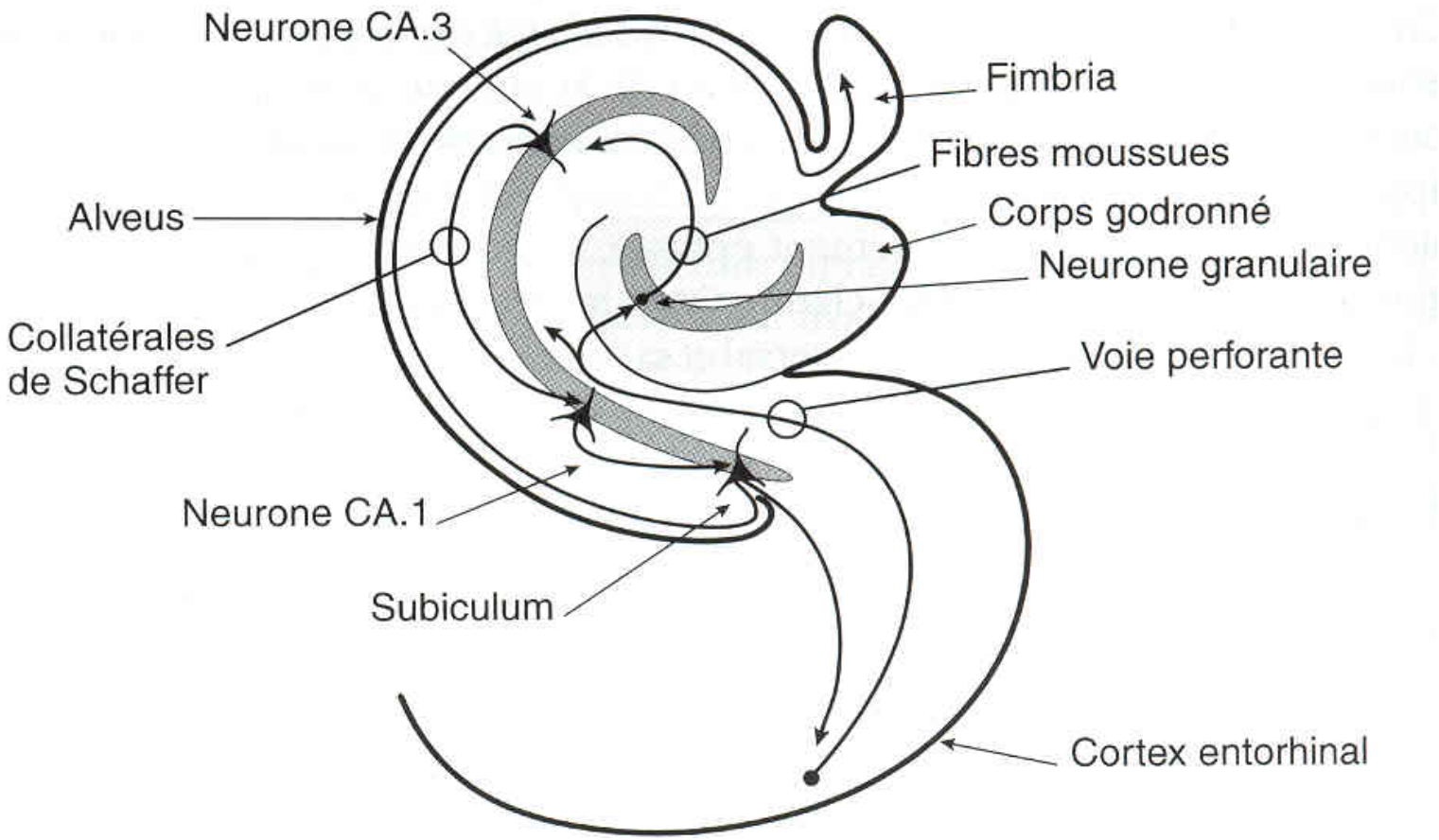



NEEDLE
CORPUS
CALLOSUM
ANTERIOR
COMMISSURE
PREOPTIC
REGION
OPTIC CHIASMA

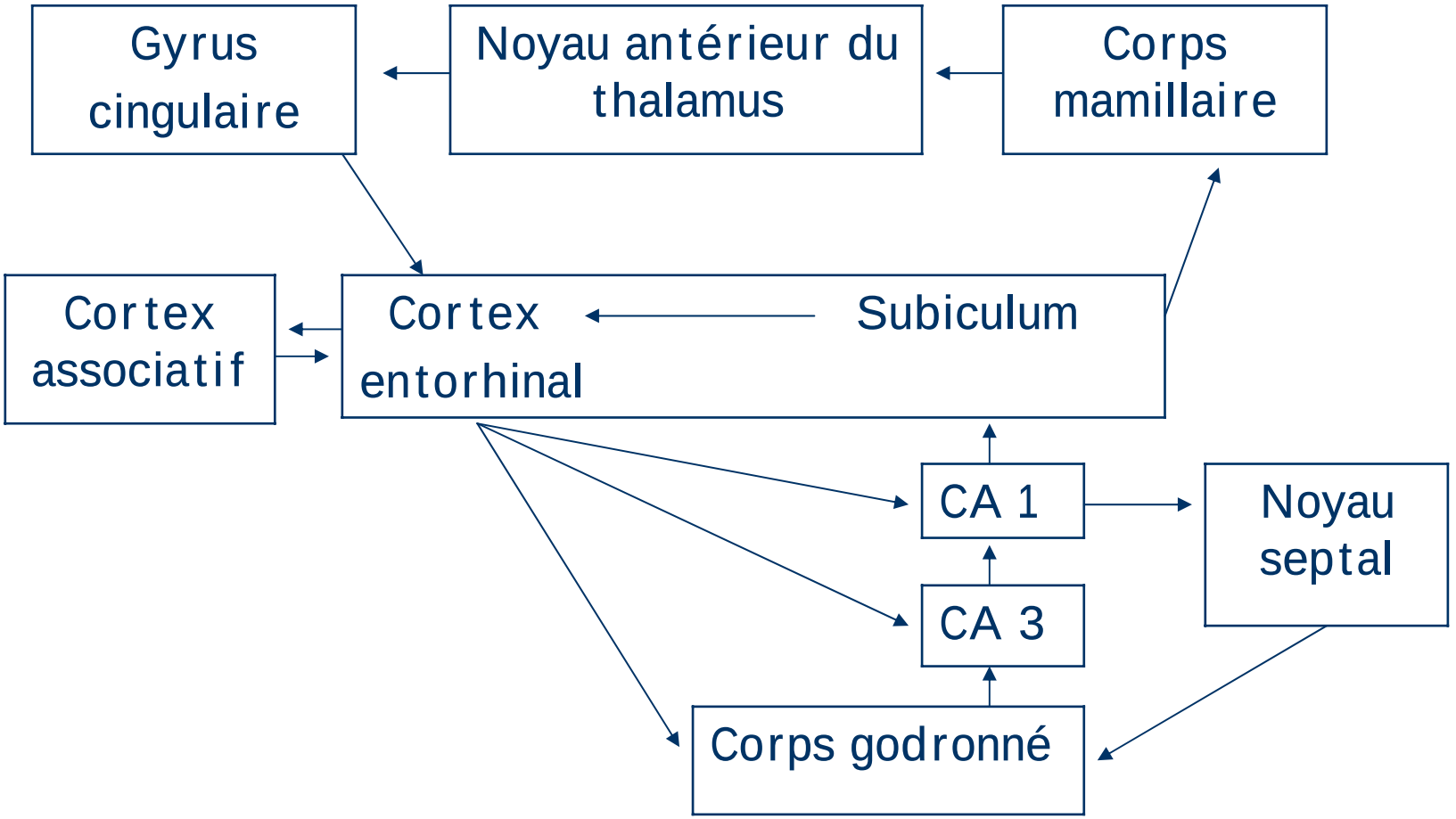
Coupe frontale



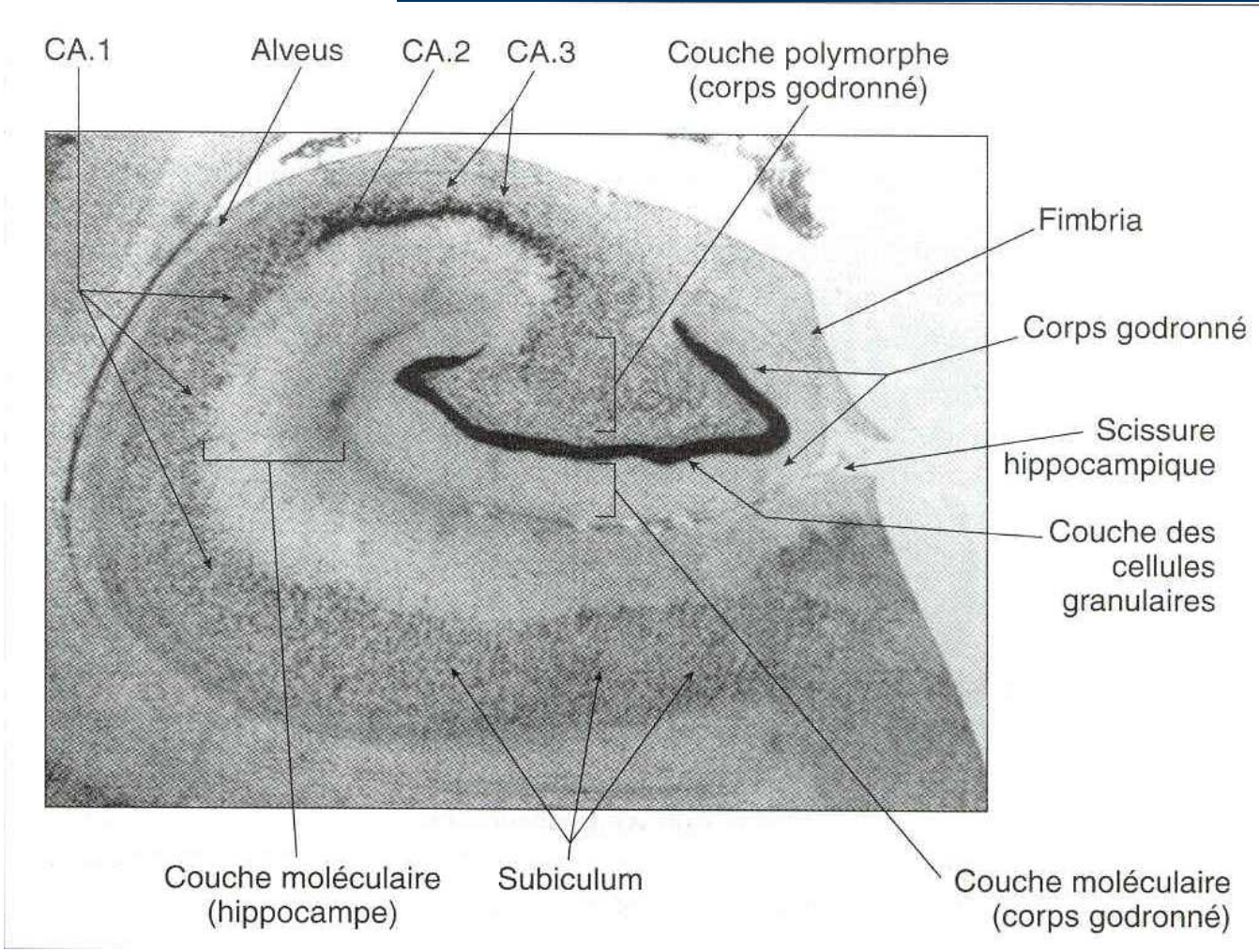
Hippocampe (schéma anatomique)

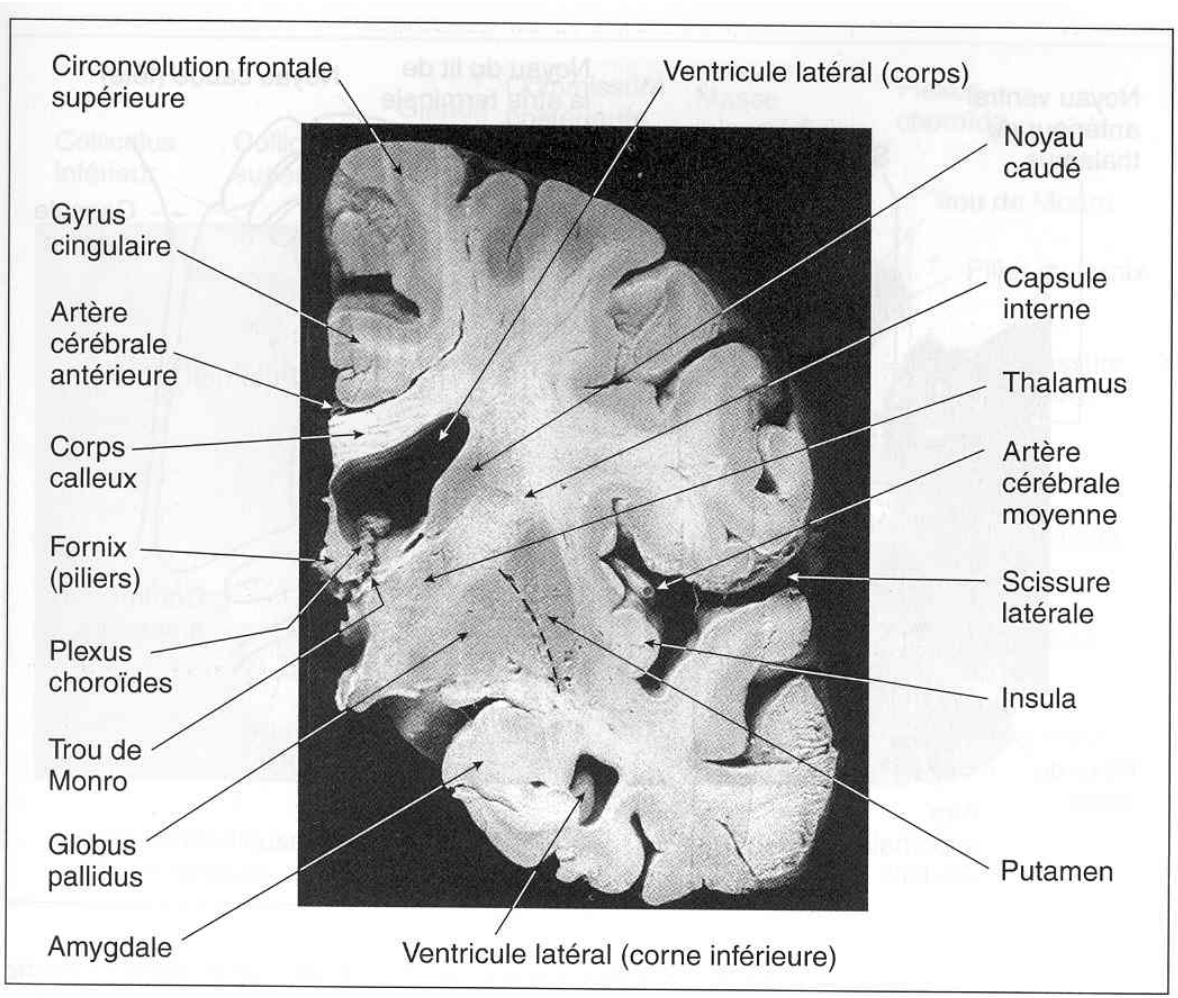


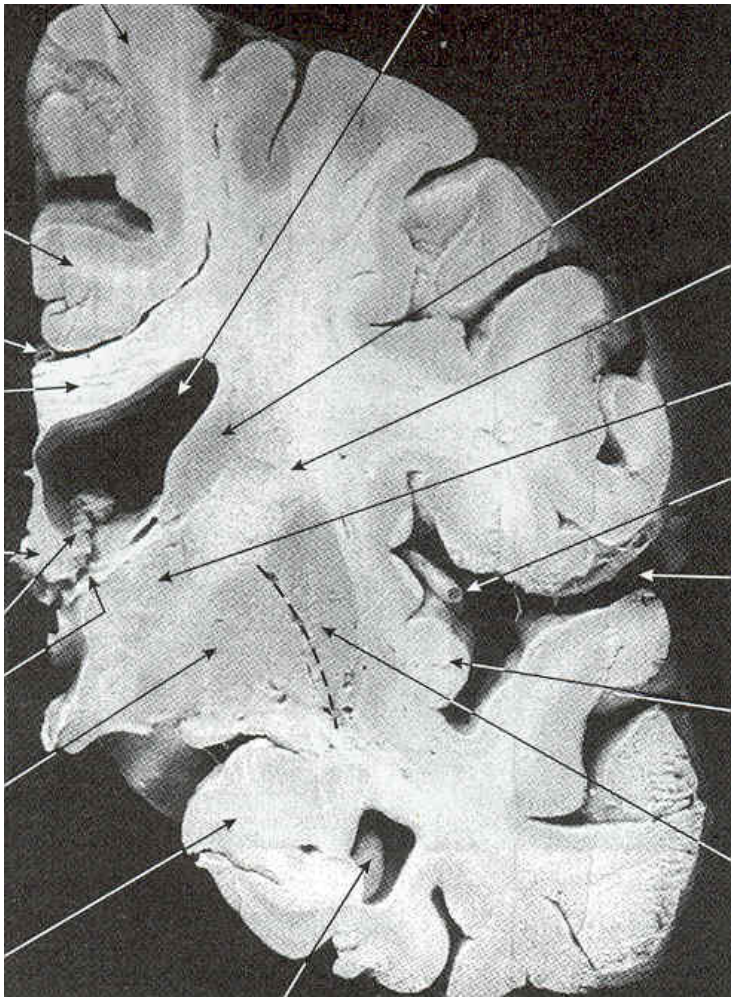
Connexions de la formation hippocampique



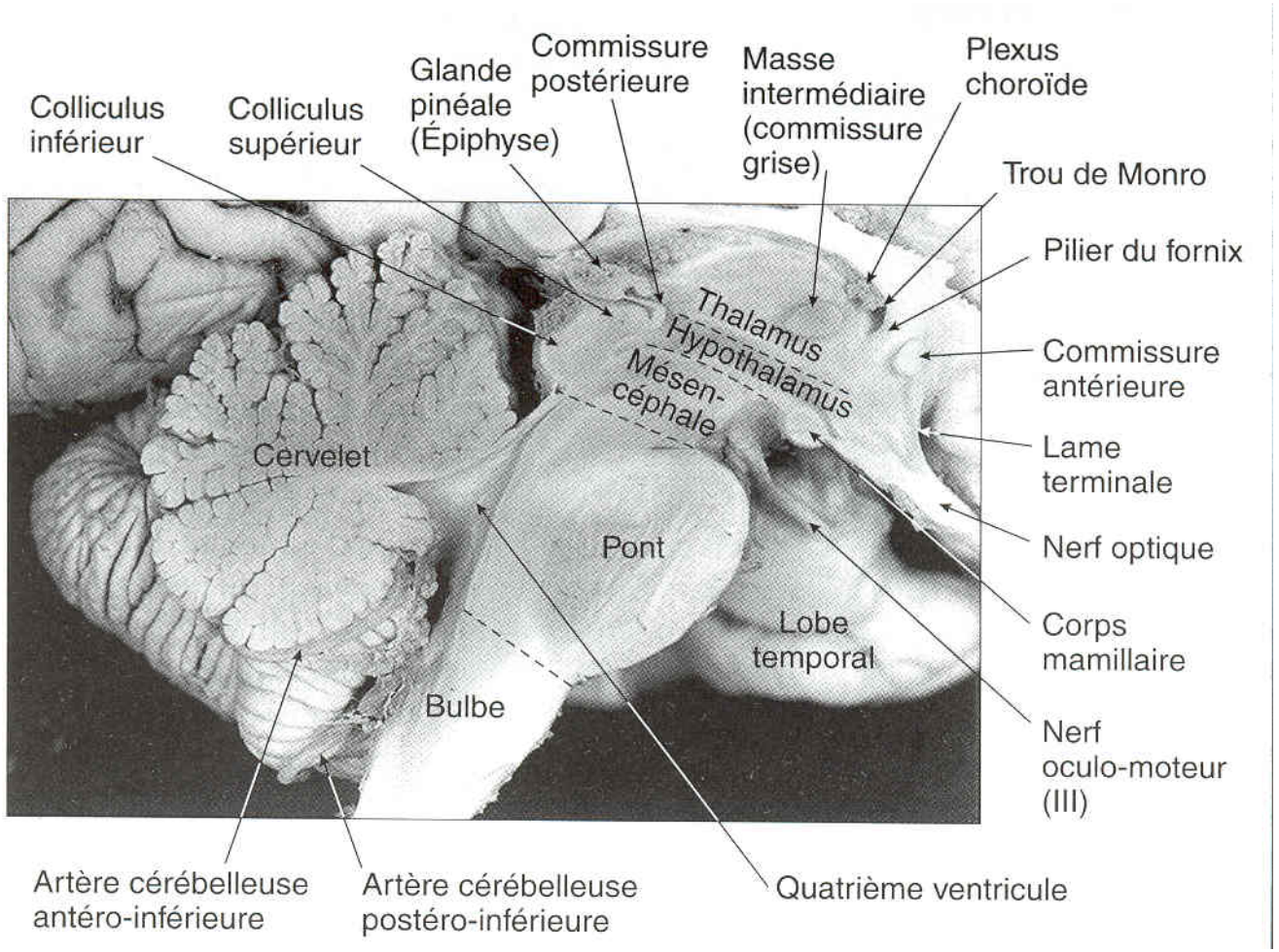
Hippocampe (photomicrographie)

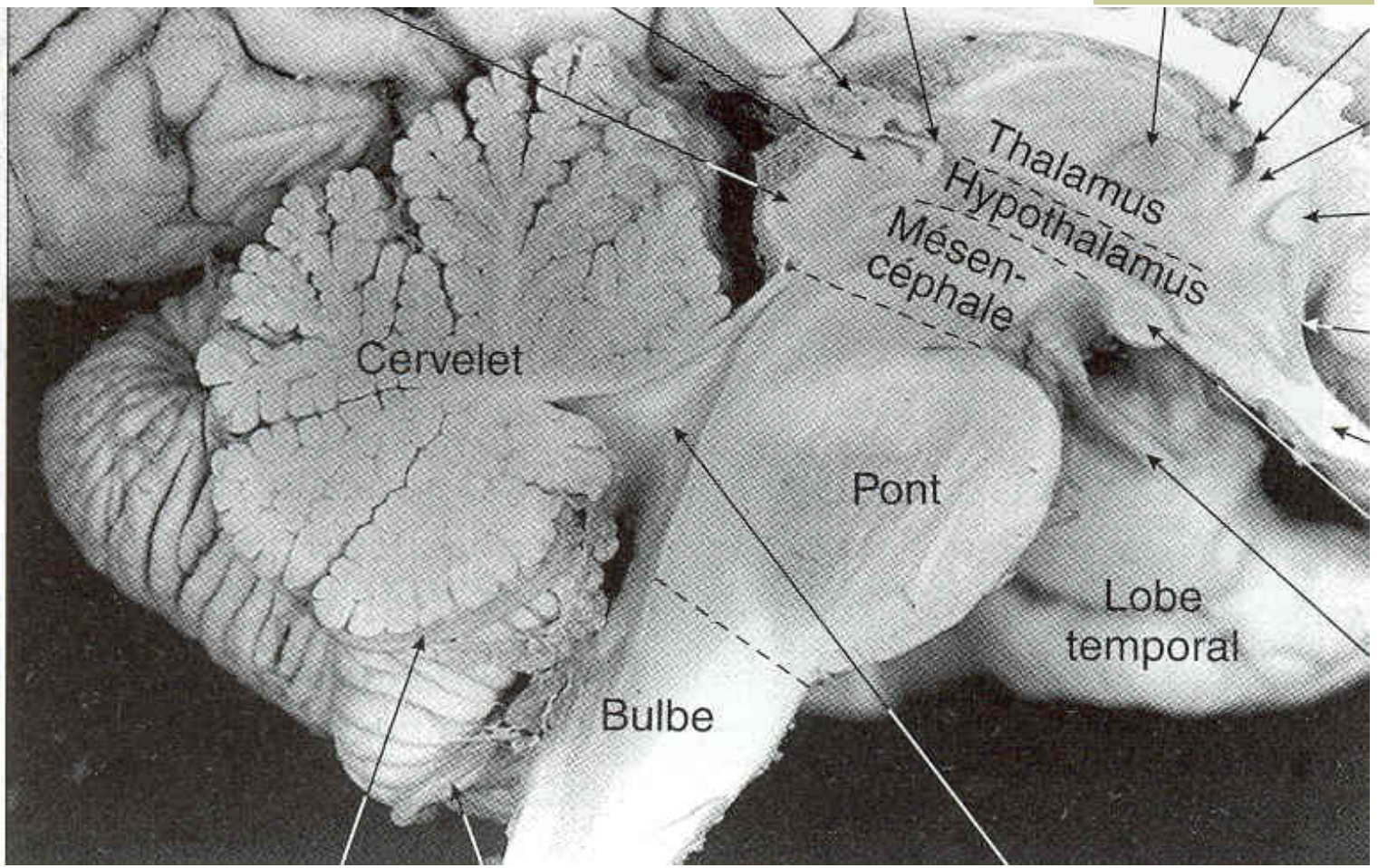



Circonvolution frontale supérieure
Ventricule latéral (corps)
Noyau caudé
Gyrus cingulaire
Capsule interne
Artère cérébrale antérieure
Thalamus
Corps calleux
Artère cérébrale moyenne
Fornix (piliers)
Scissure latérale
Plexus choroïdes
Insula
Trou de Monro
Globus pallidus
Putamen
Amygdale
Ventricule latéral (corne inférieure)



Plan ?


Colliculus inférieur
Colliculus supérieur
Glande pinéale (Épiphyse)
Commissure postérieure
Masse intermédiaire (commissure grise)
Plexus choroïde
Trou de Monro
Pilier du fornix
Thalamus
Hypothalamus
Mésen-céphale
Commissure antérieure
Lame terminale
Nerf optique
Corps mamillaire
Nerf oculo-moteur (III)
Cervelet
Pont
Lobe temporal
Bulbe
Artère cérébelleuse antéro-inférieure
Artère cérébelleuse postéro-inférieure
Quatrième ventricule


Thalamus
Hypothalamus
Mésen-
céphale
Cervelet
Pont
Lobe
temporal
Bulbe