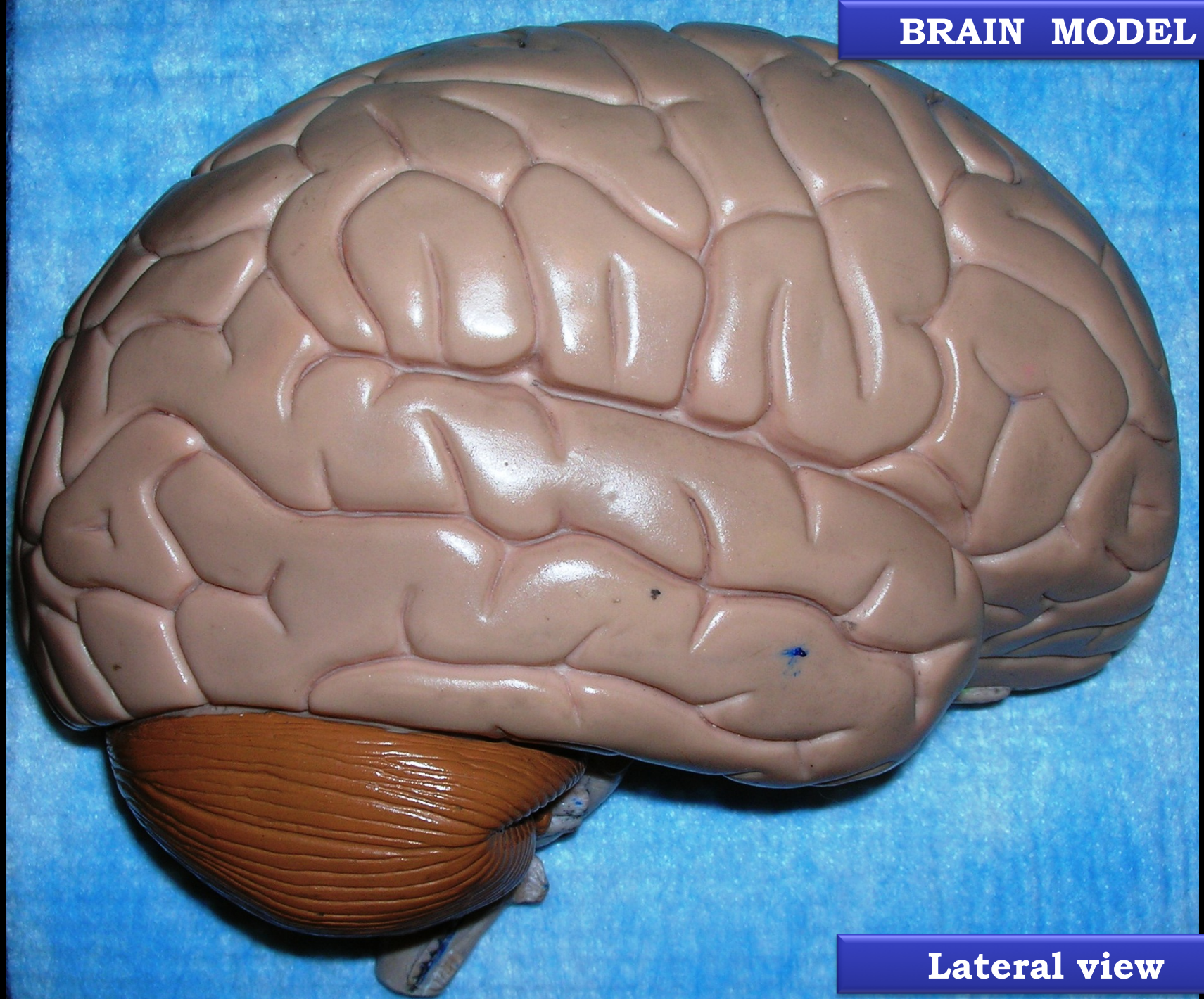
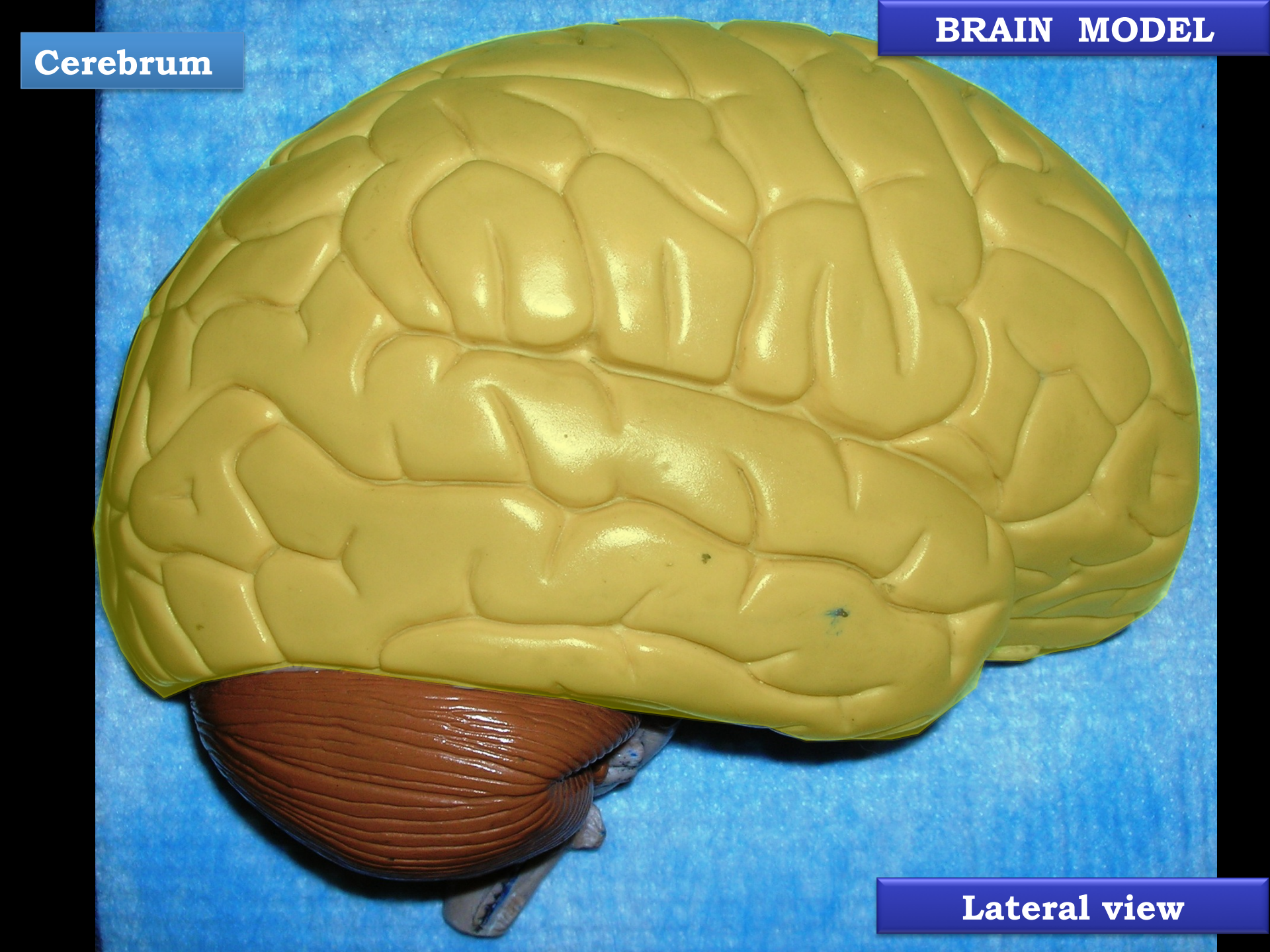
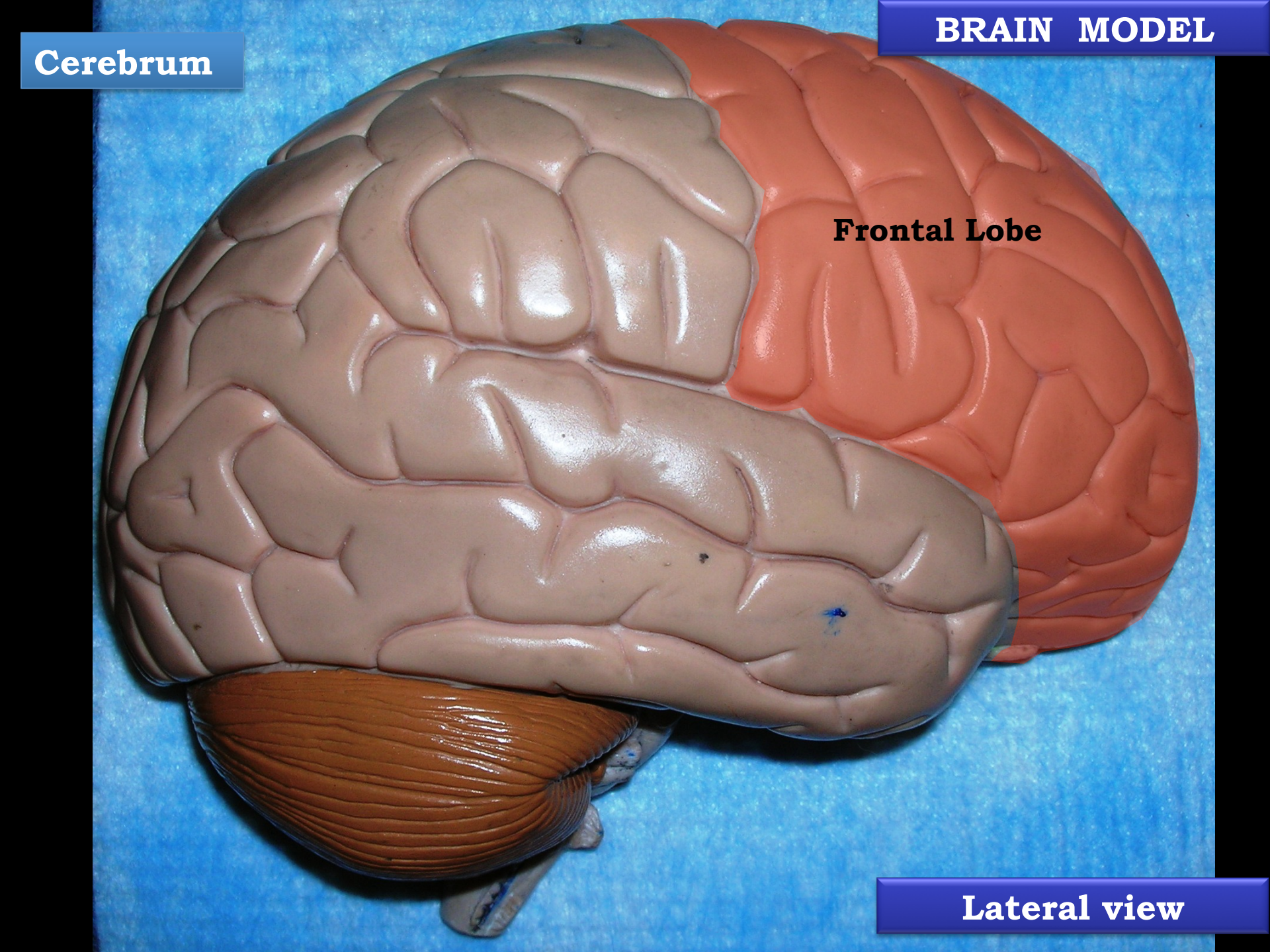
NEUROANATOMY
Overview
of the Human Brain Model

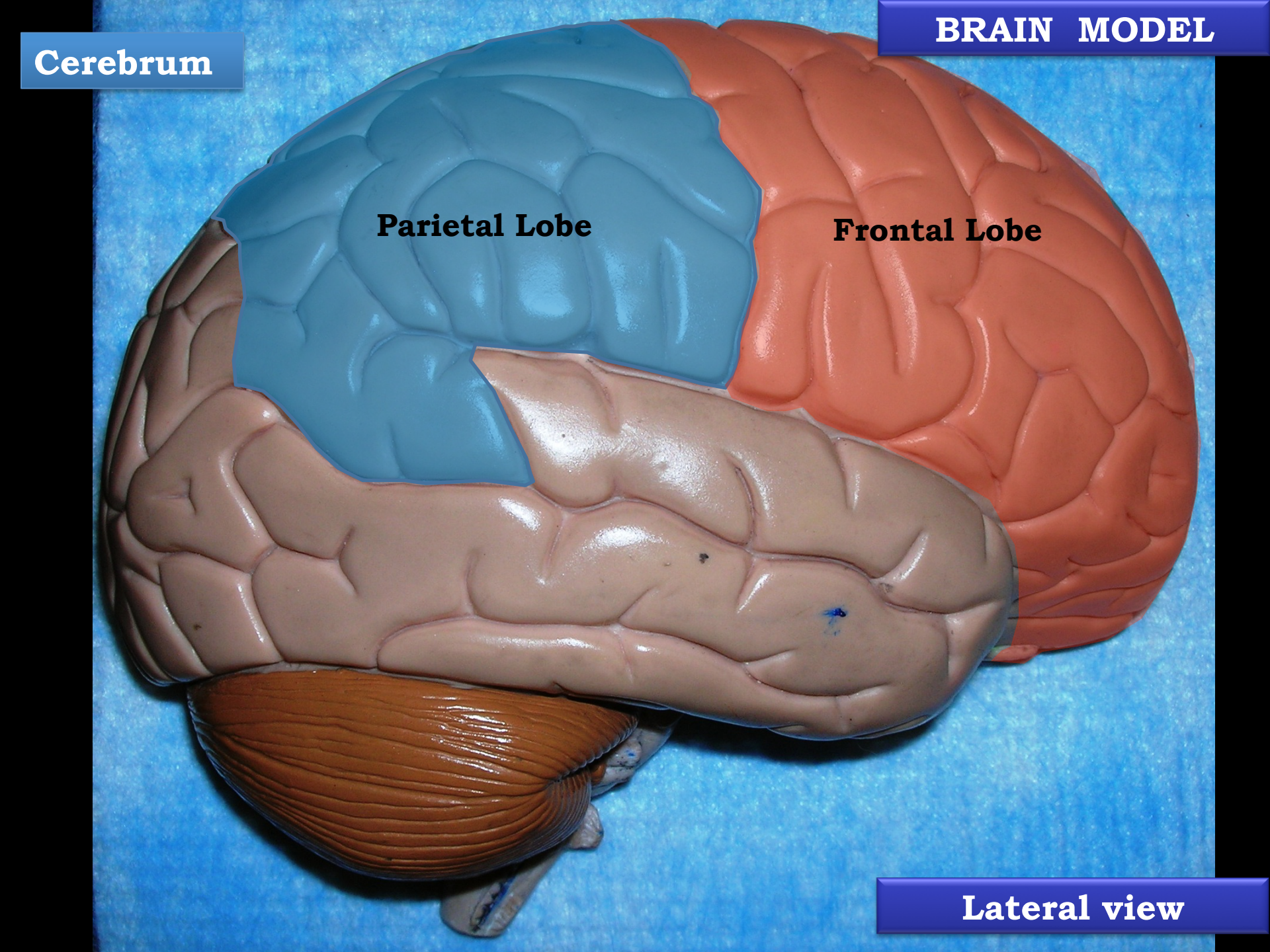
BRAIN MODEL

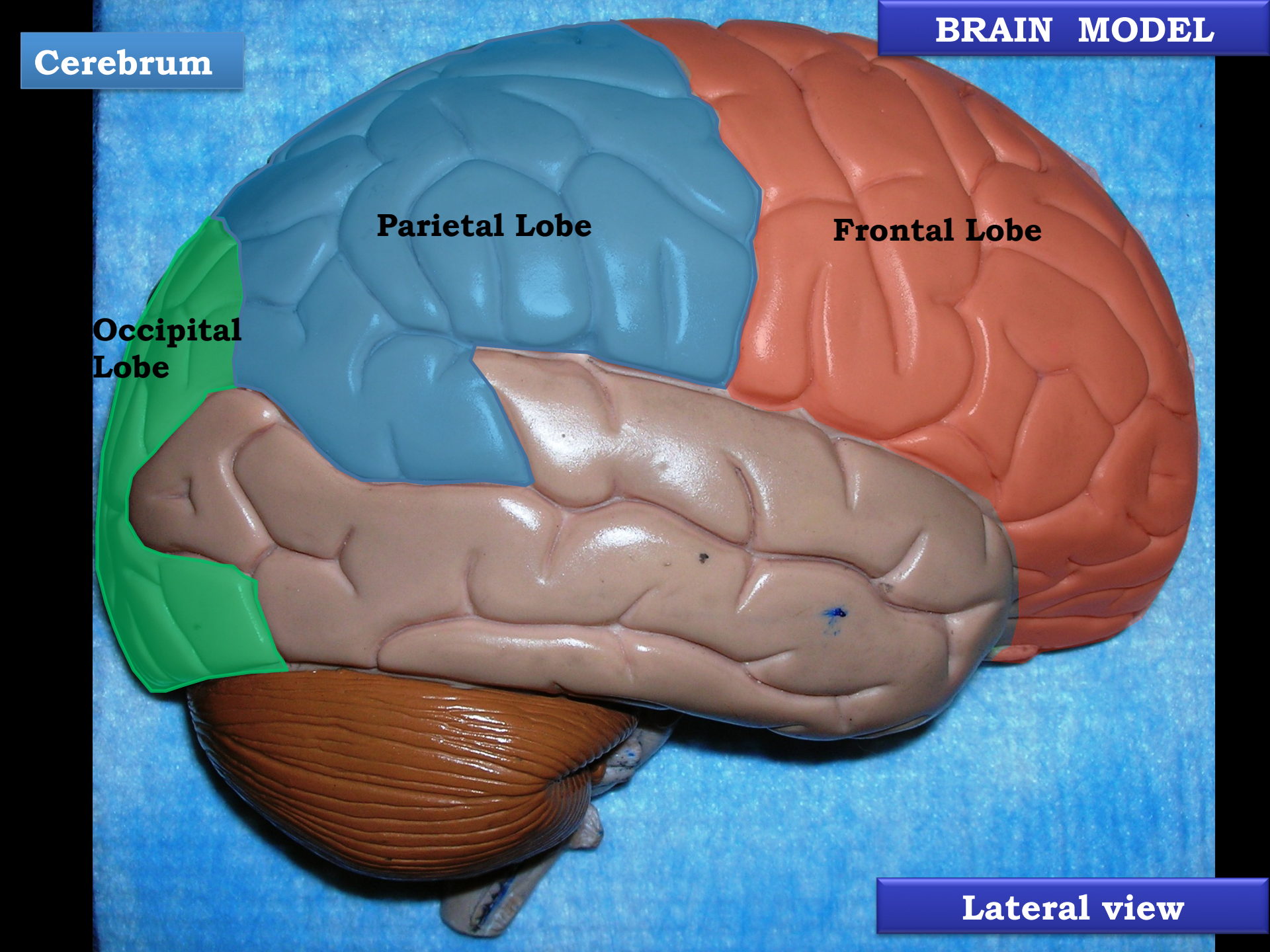


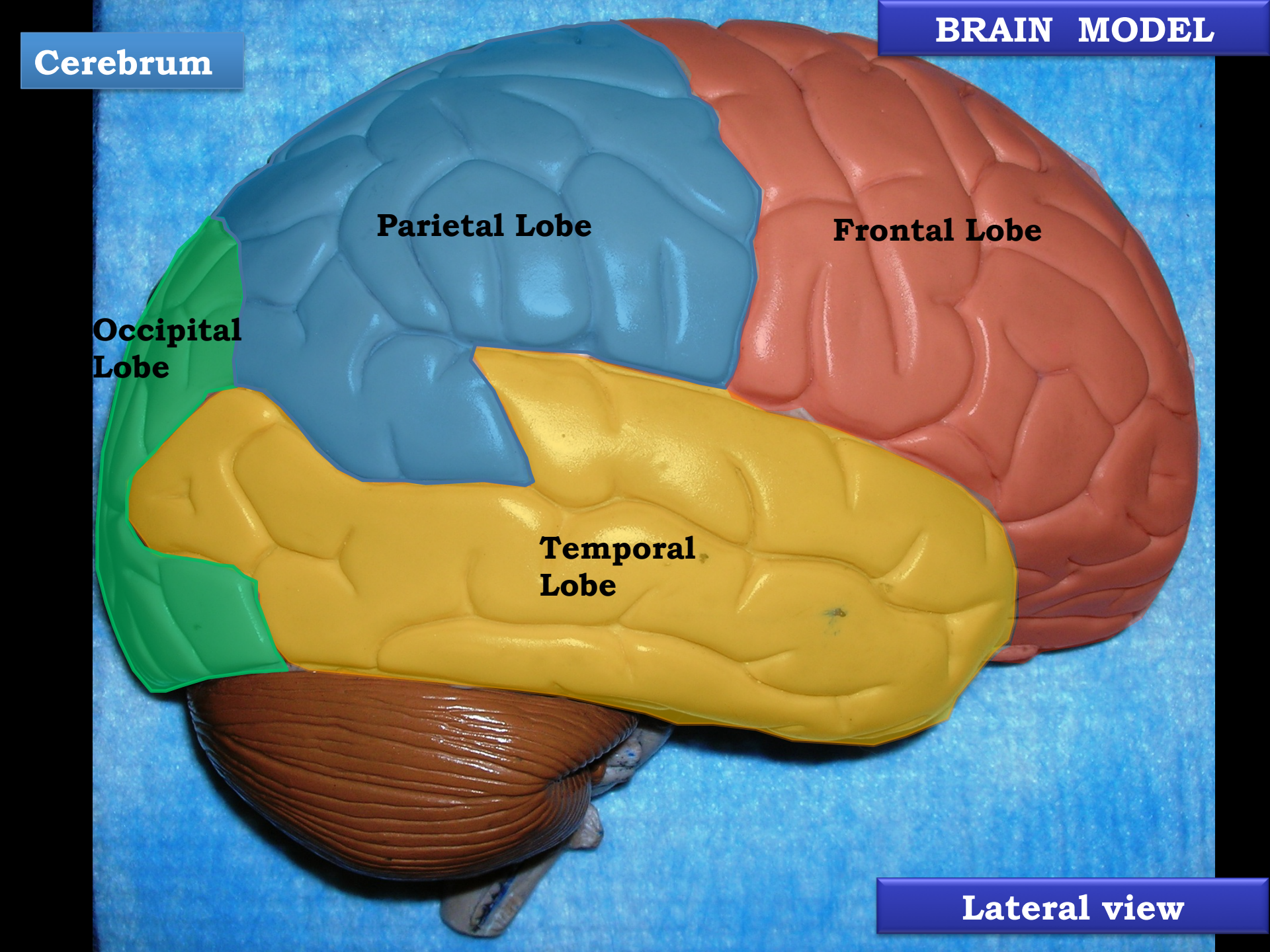
Lateral view

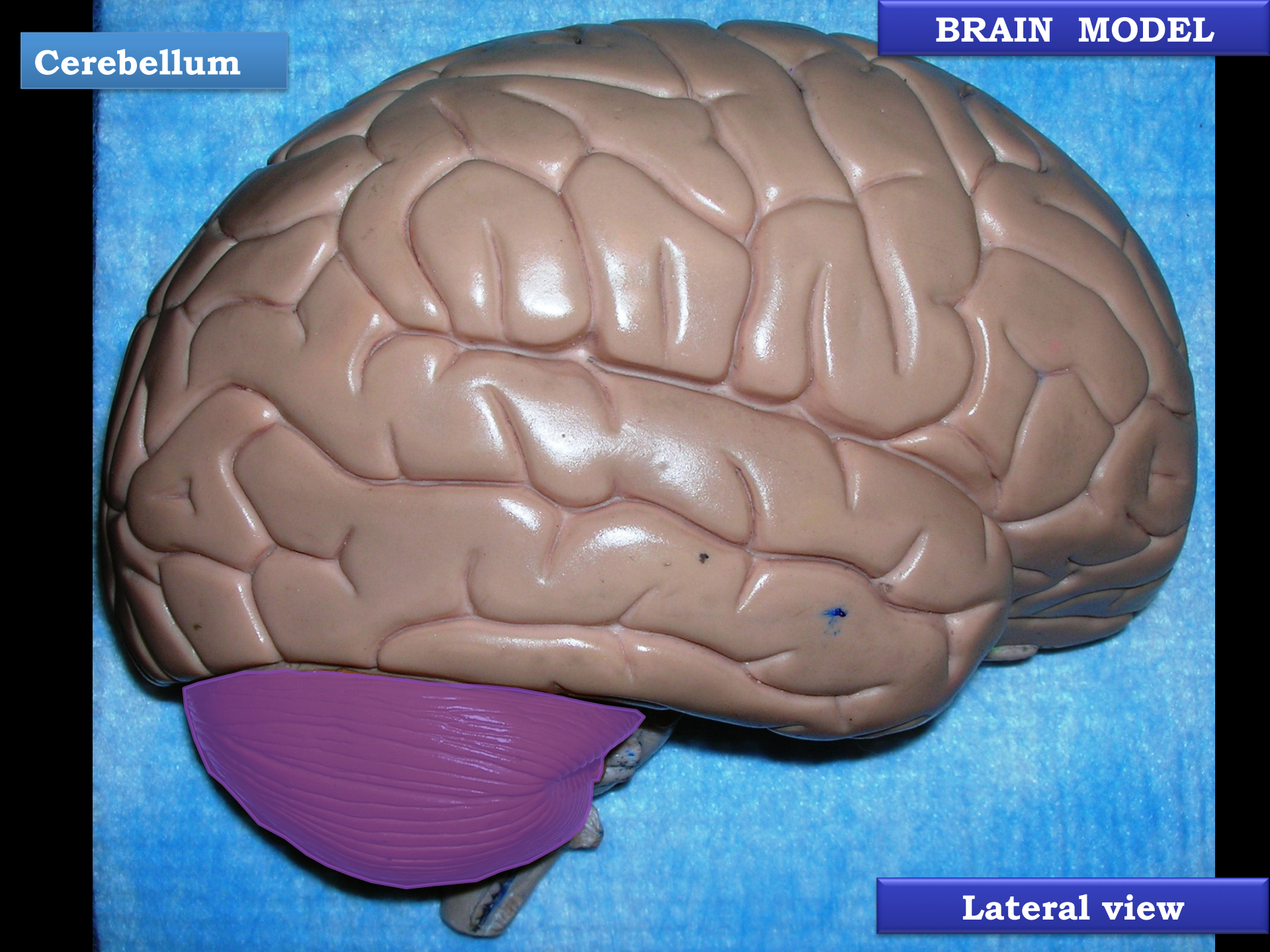

Cerebrum
BRAIN MODEL
Lateral view


BRAIN MODEL
Cerebrum
Frontal Lobe
Lateral view


BRAIN MODEL
Cerebrum
Parietal Lobe
Frontal Lobe
Lateral view

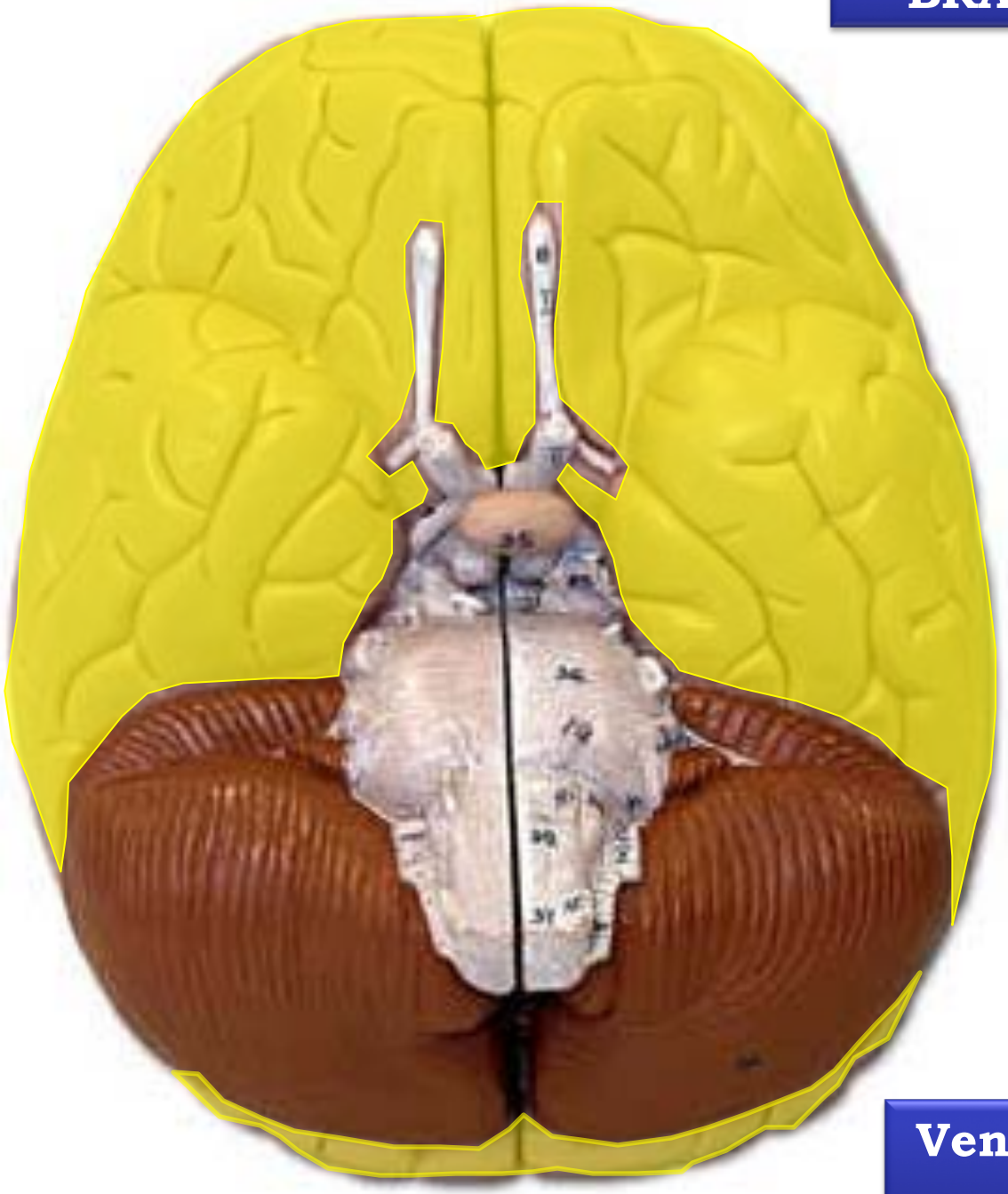

BRAIN MODEL
Cerebrum
Parietal Lobe
Frontal Lobe
Occipital Lobe
Lateral view


BRAIN MODEL
Cerebrum
Parietal Lobe
Frontal Lobe
Occipital Lobe
Temporal Lobe
Lateral view


Cerebellum
BRAIN MODEL
Lateral view

BRAIN MODEL

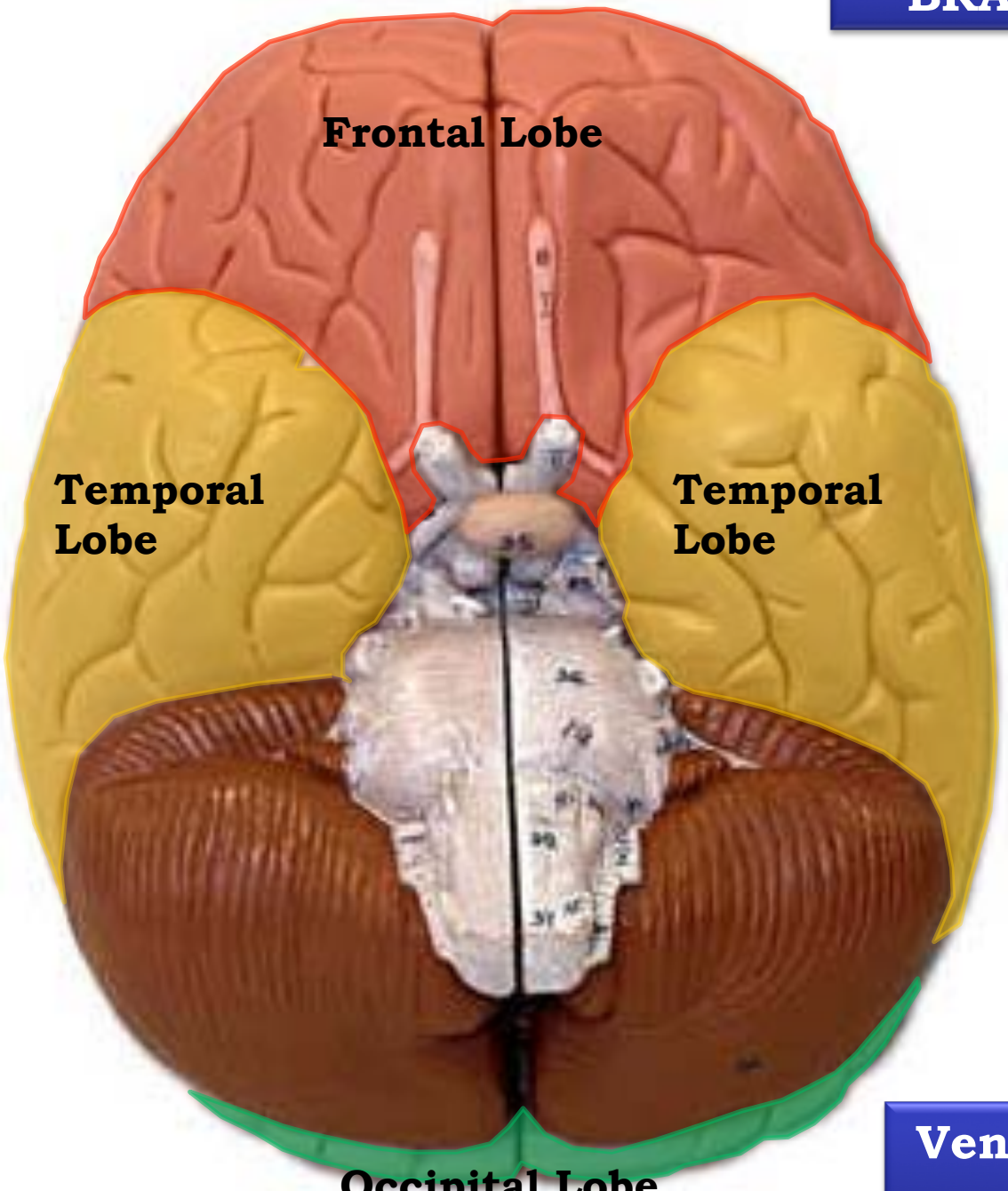
Cerebrum



Ventral (inferior) view

BRAIN MODEL

Cerebrum



Ventral (inferior) view

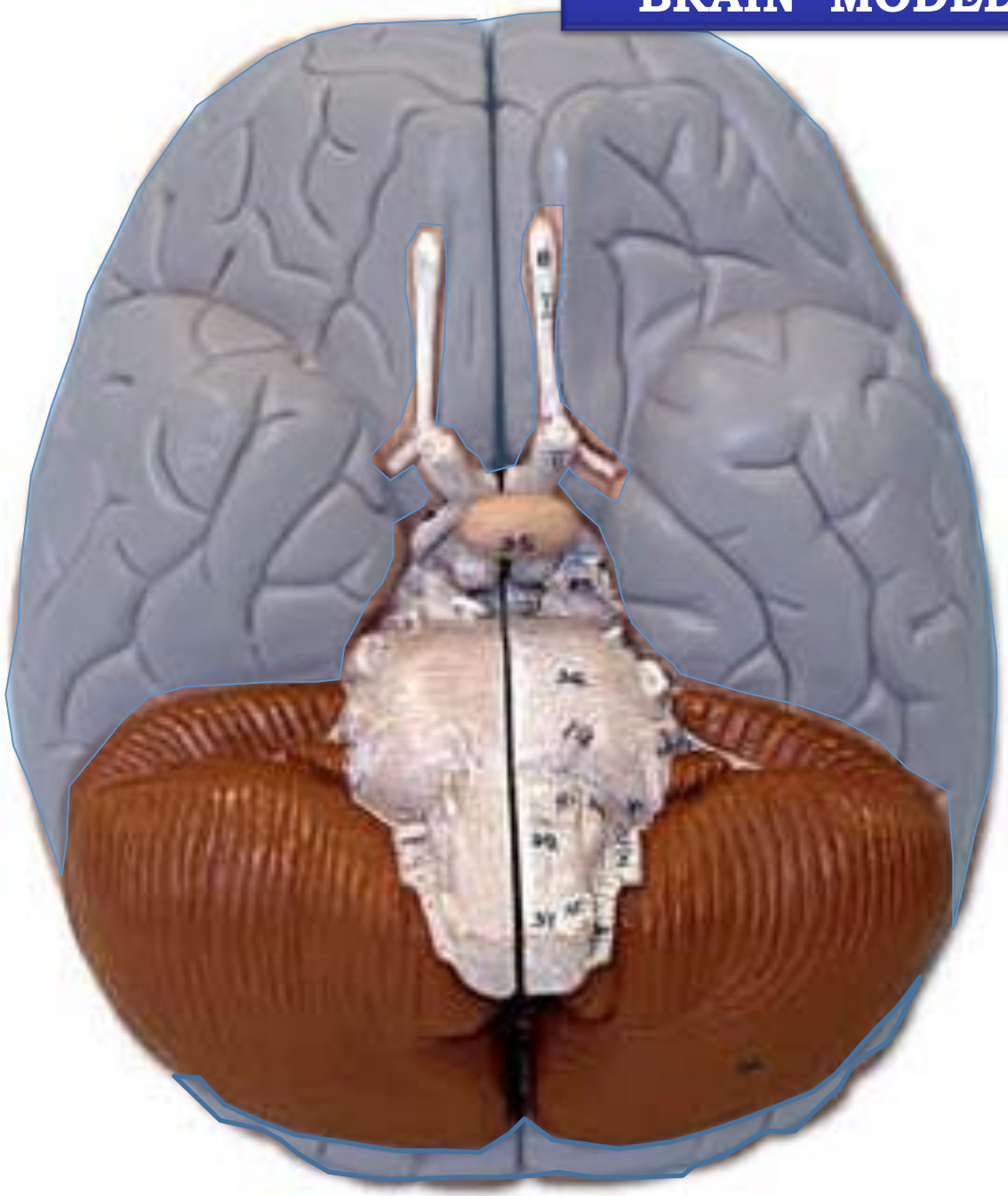
BRAIN MODEL

Cerebellum

Ventral (inferior) view

BRAIN MODEL

Gyrus (plural – gyri) are all the ridges (“hills”) on the cerebral hemispheres.

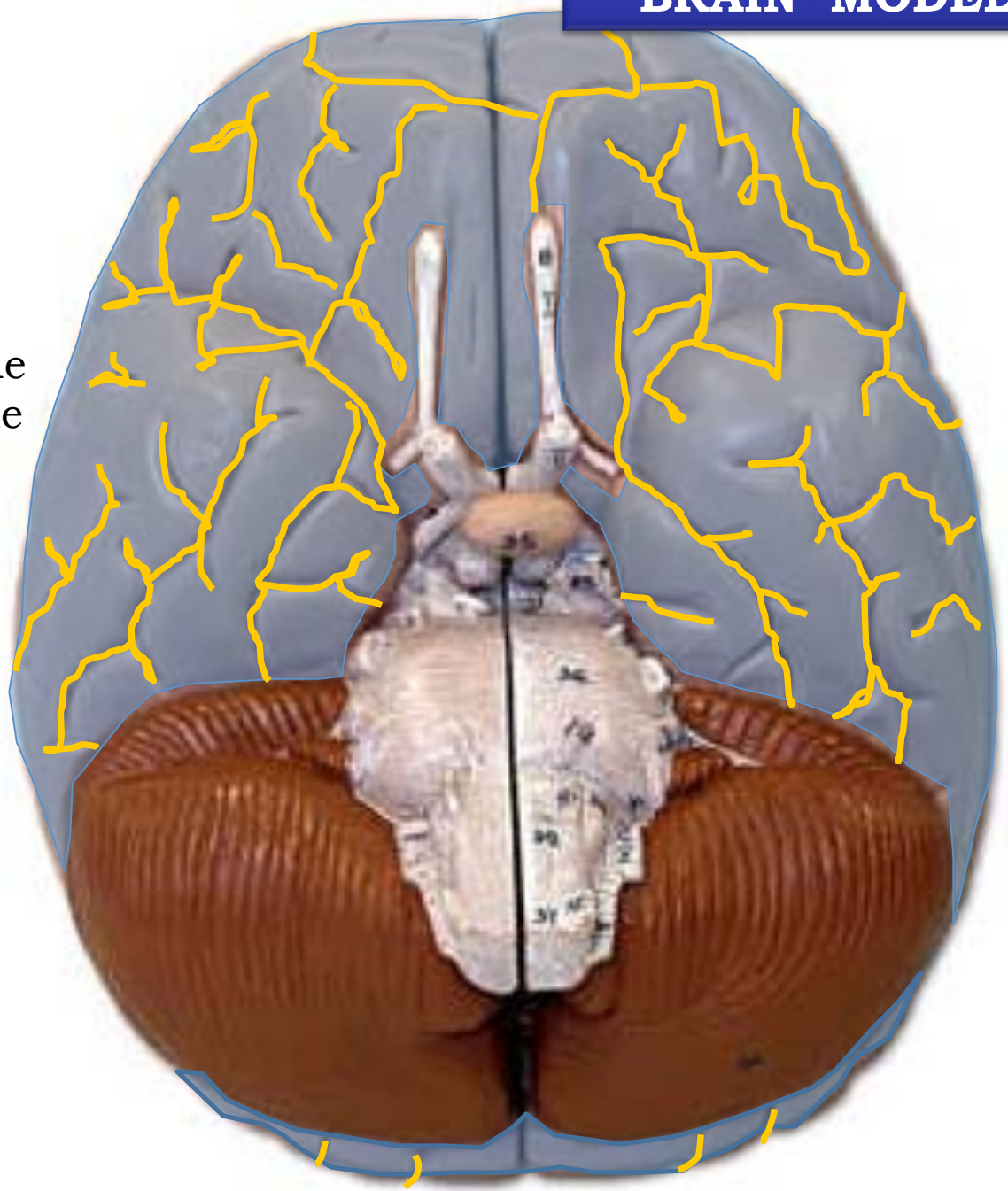


Ventral (inferior) view

BRAIN MODEL

Gyrus (plural – gyri) are all the ridges (“hills”) on the cerebral hemispheres.

Sulcus (plural - sulci) are the depressions (“valleys”) on the cerebral hemispheres.



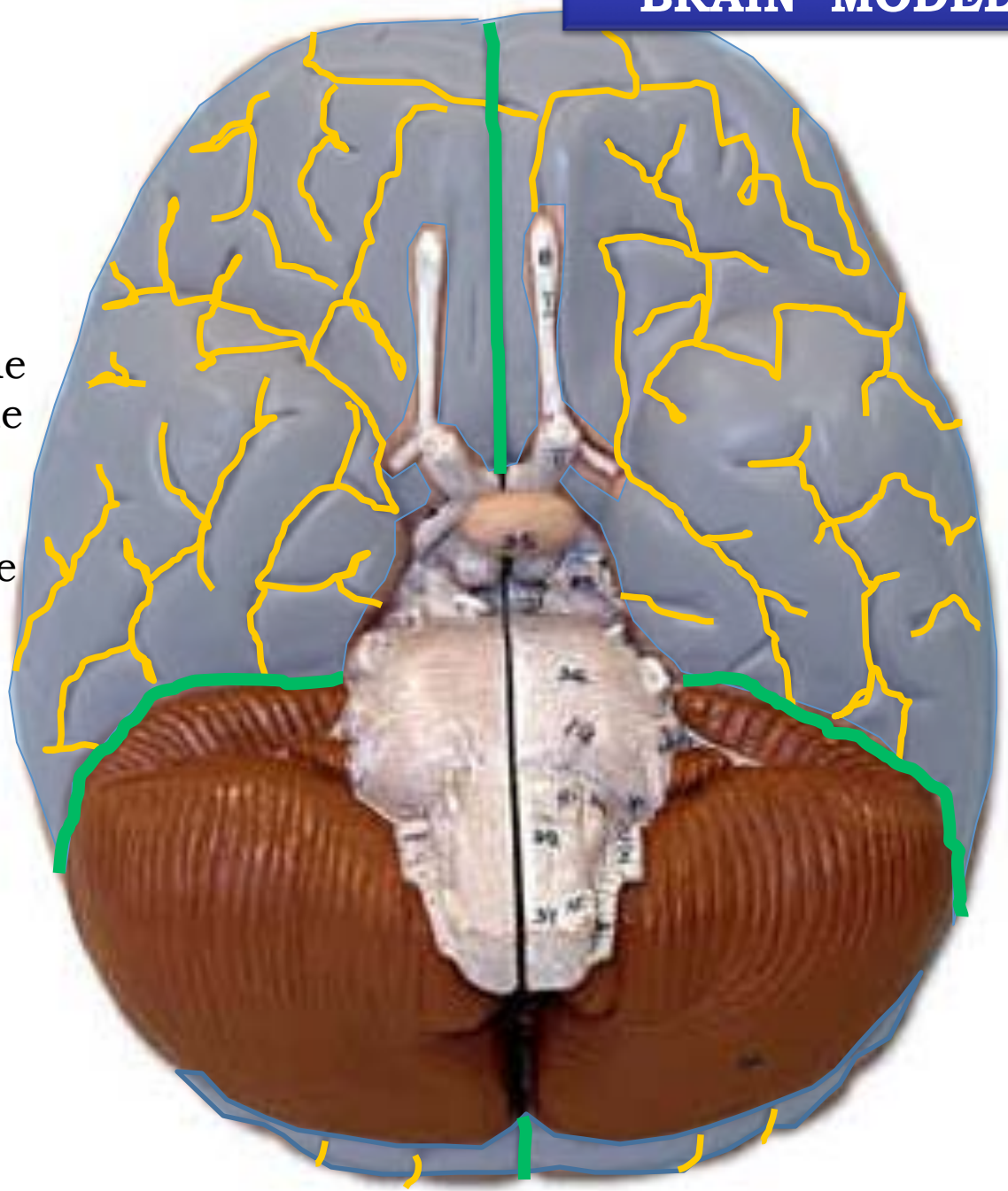
Ventral (inferior) view

BRAIN MODEL

Gyrus (plural – gyri) are all the ridges (“hills”) on the cerebral hemispheres.

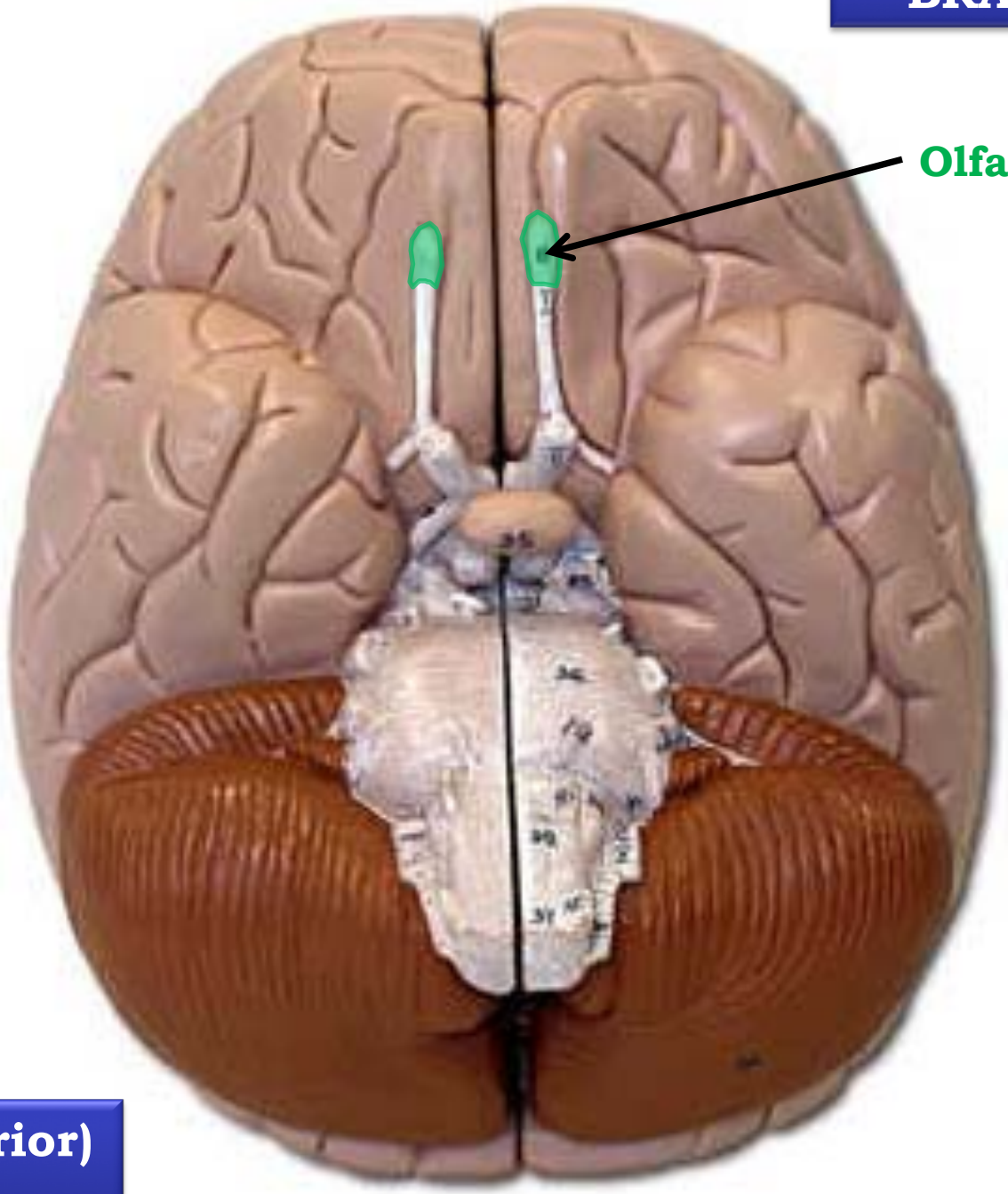
Sulcus (plural - sulci) are the depressions (“valleys”) on the cerebral hemispheres.

The large furrows that divide the brain into lobes are called fissures.



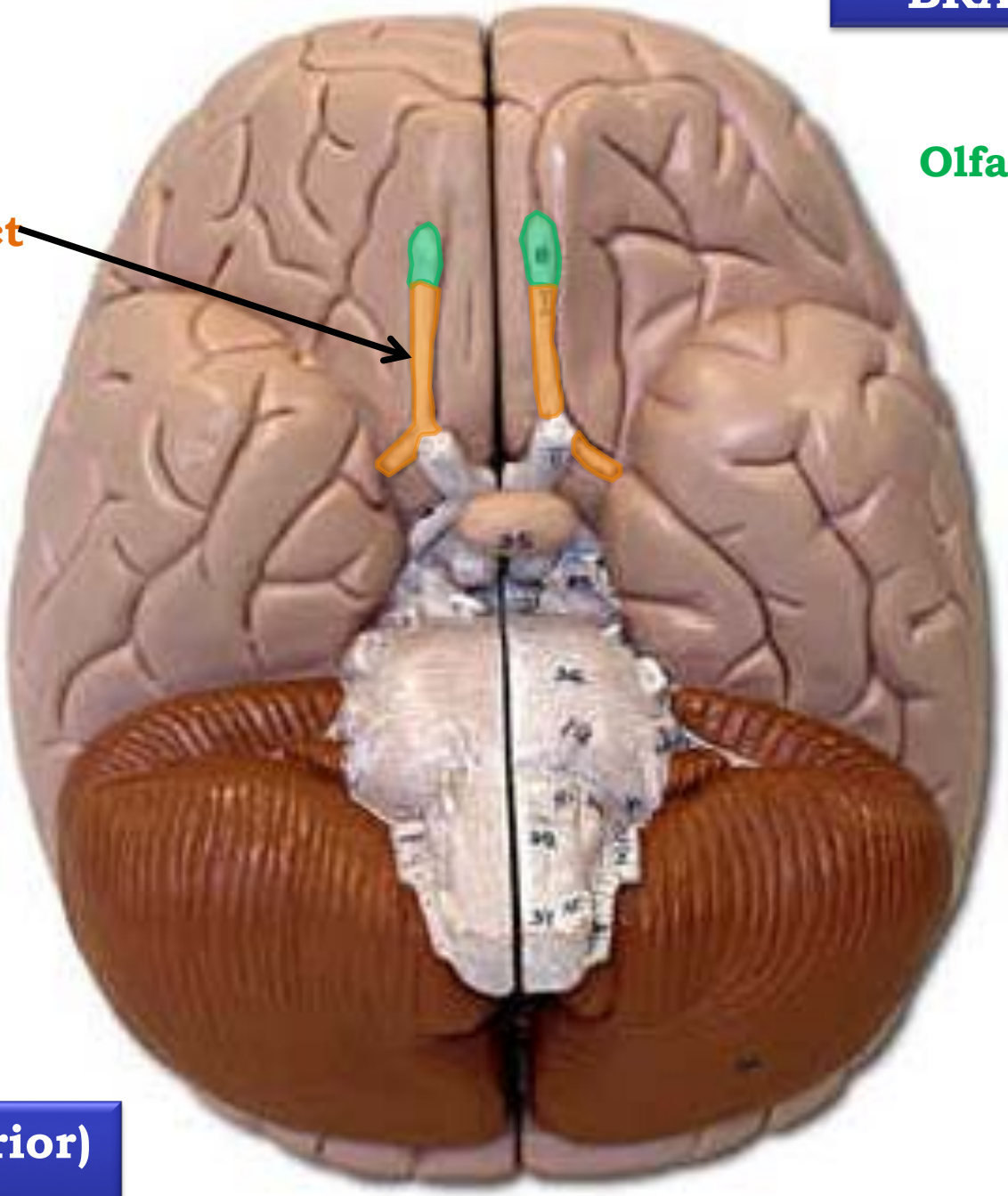
Ventral (inferior) view

BRAIN MODEL



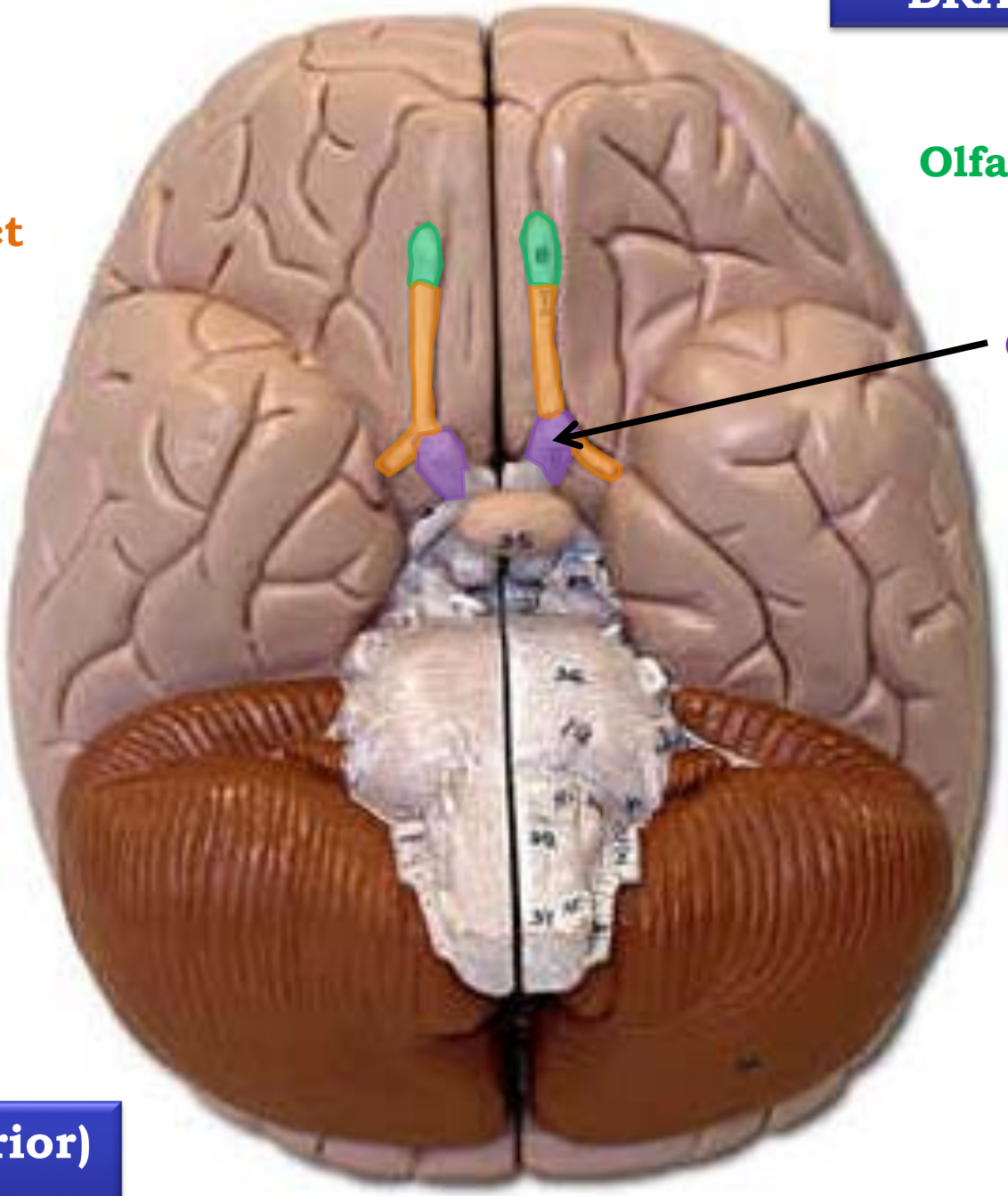
Ventral (inferior) view

BRAIN MODEL



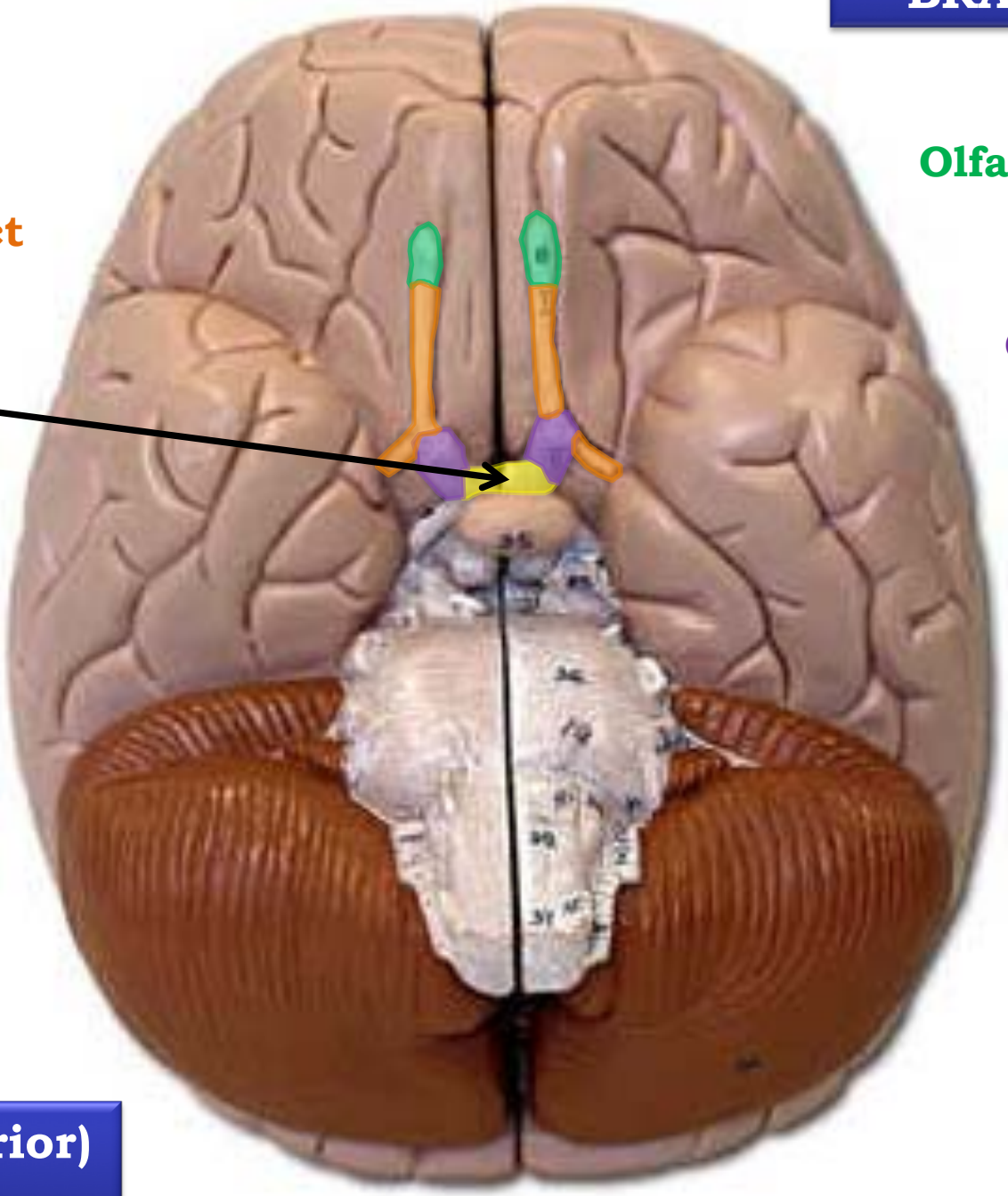
Ventral (inferior) view

BRAIN MODEL



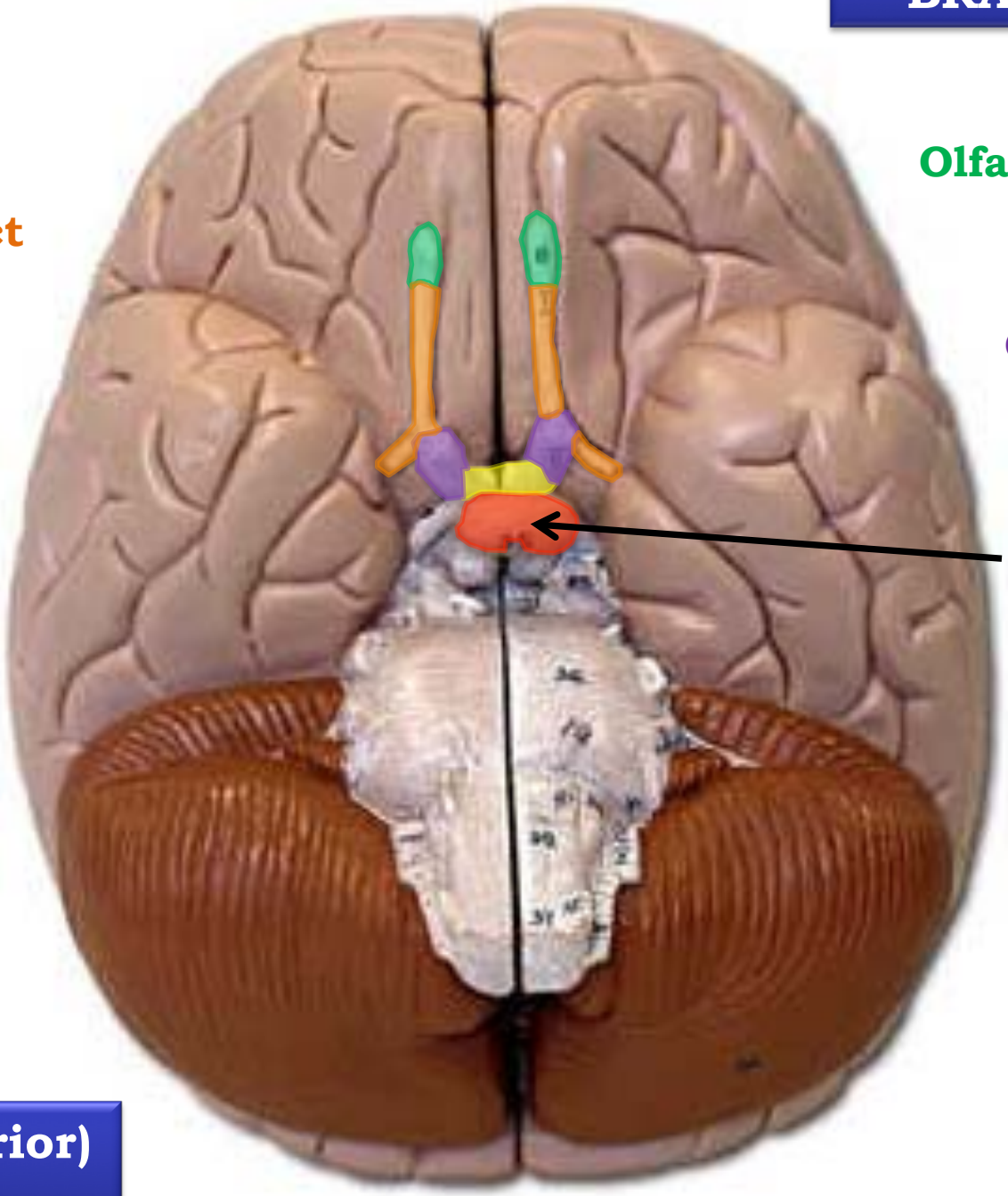
Ventral (inferior) view

BRAIN MODEL



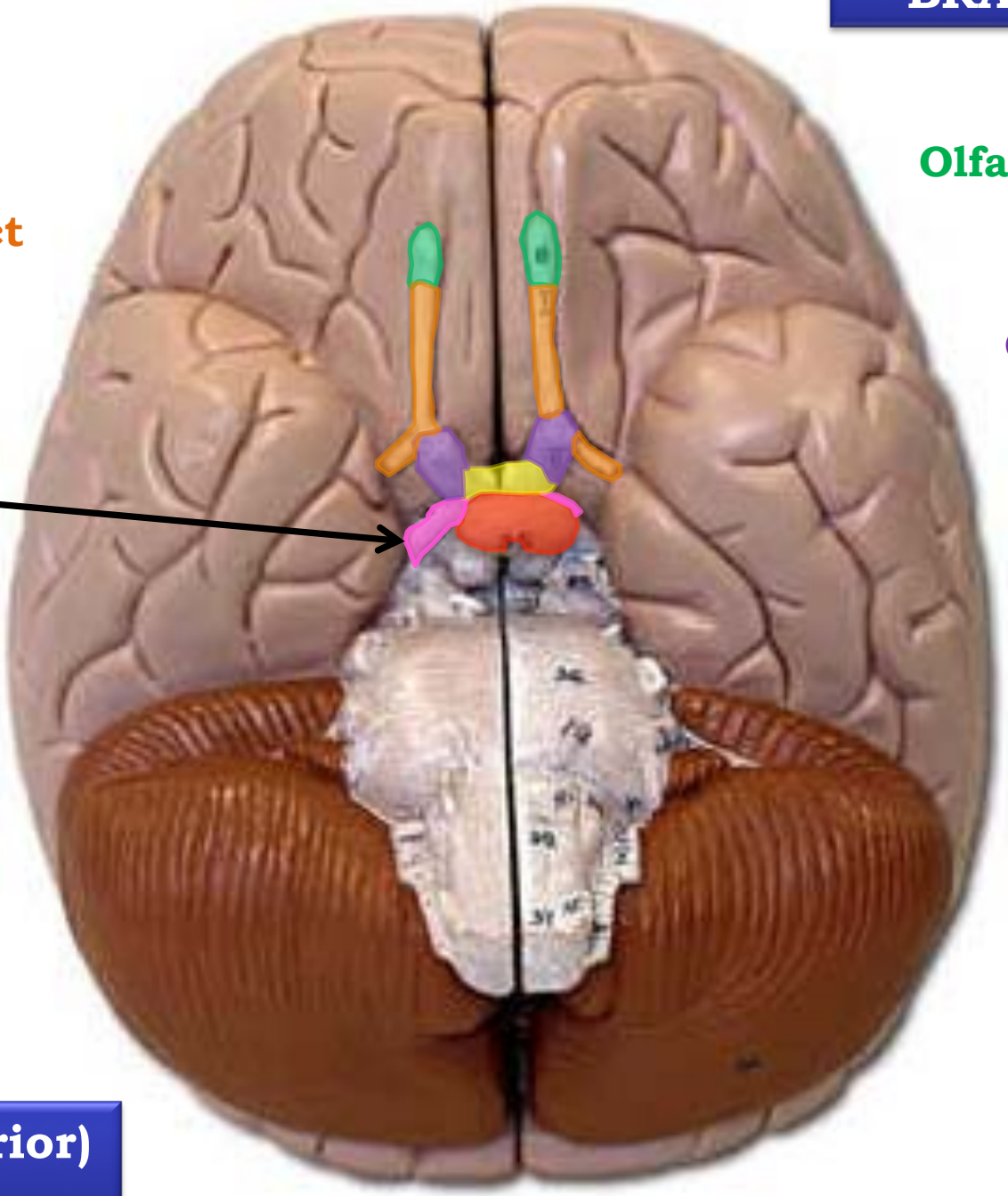
Ventral (inferior) view

BRAIN MODEL



Ventral (inferior) view

BRAIN MODEL



Olfactory bulb

Olfactory tract

Optic nerve (II)

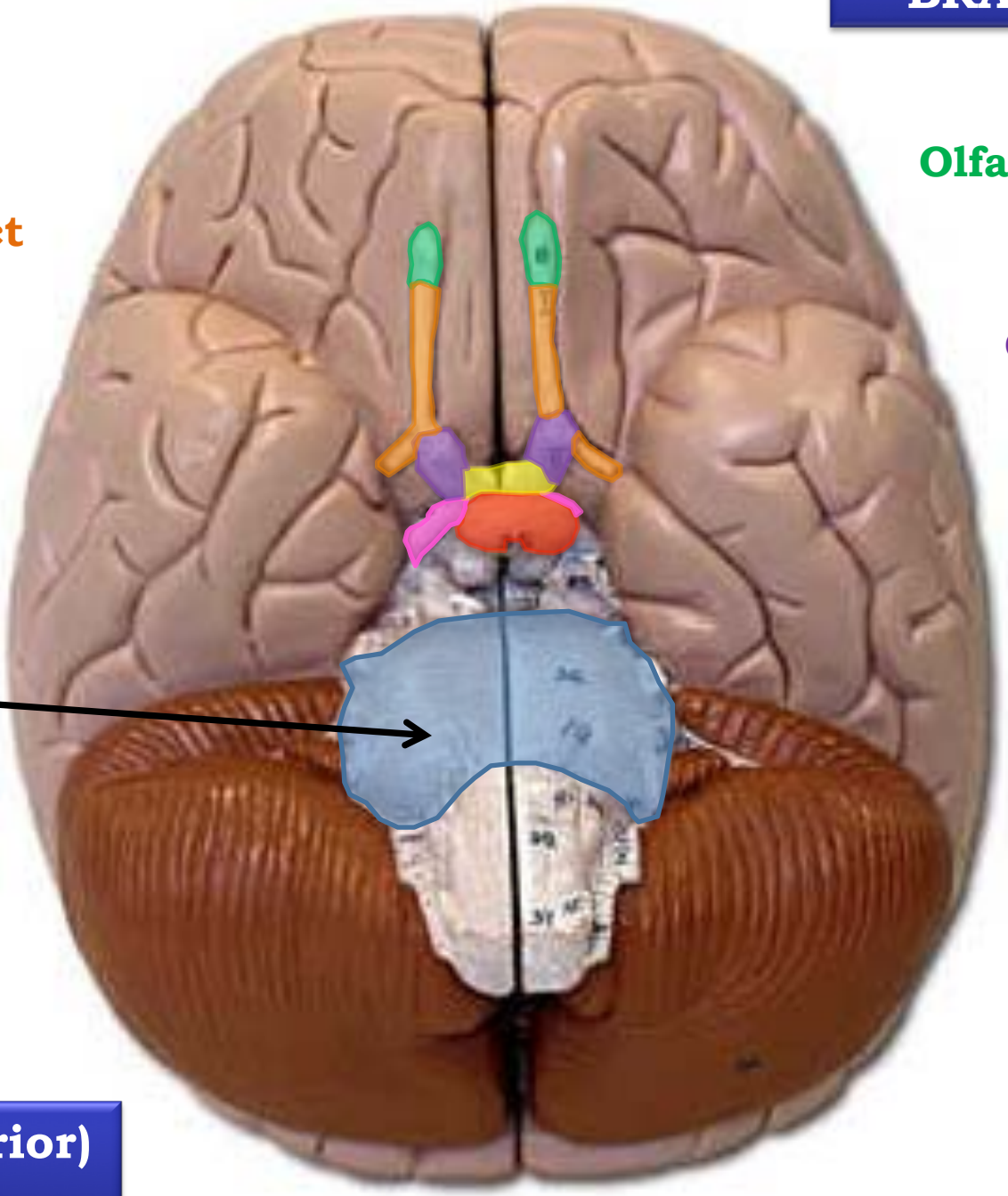
Optic chiasma

Optic tract

Pituitary gland

Ventral (inferior) view

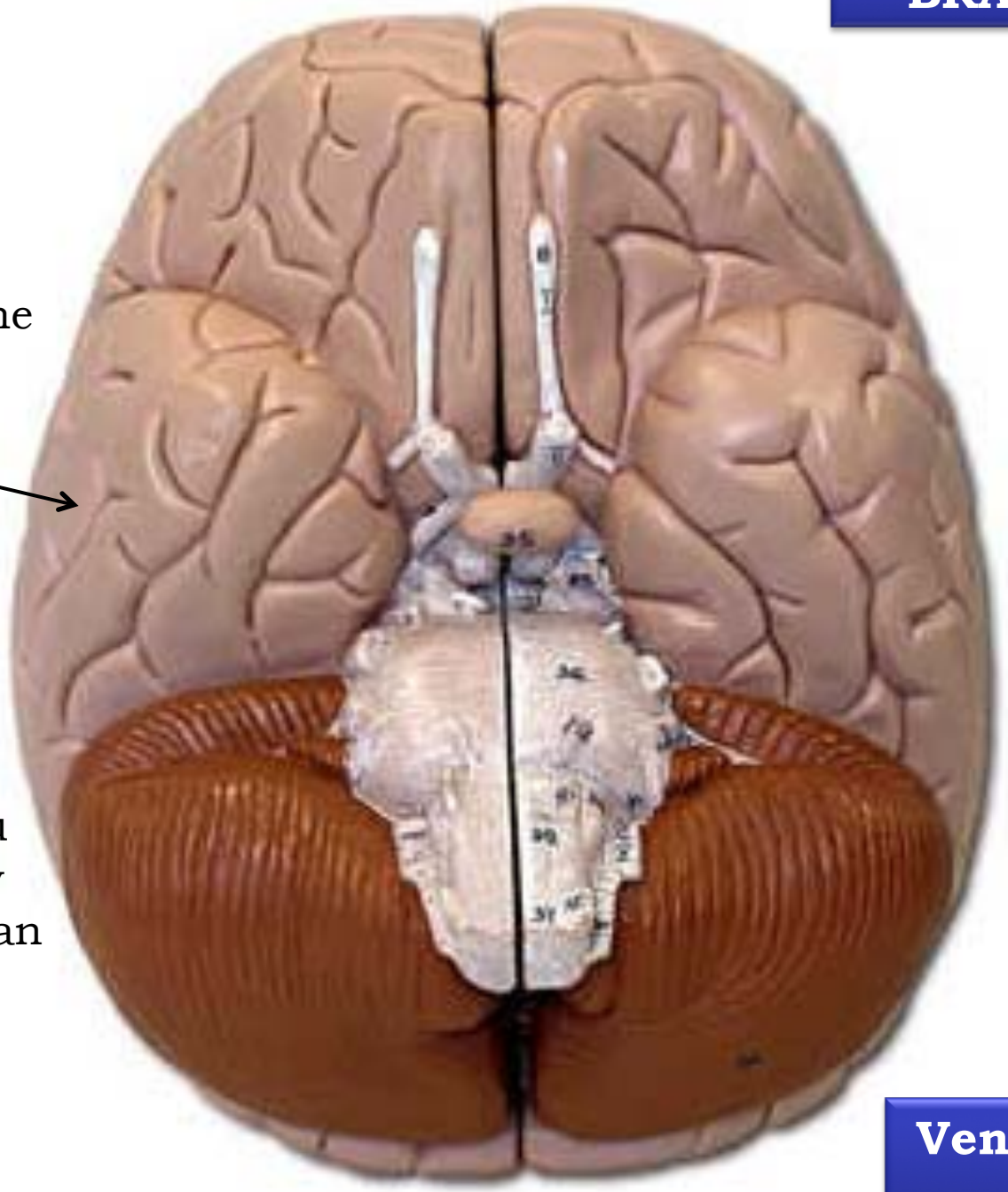
BRAIN MODEL



Ventral (inferior) view

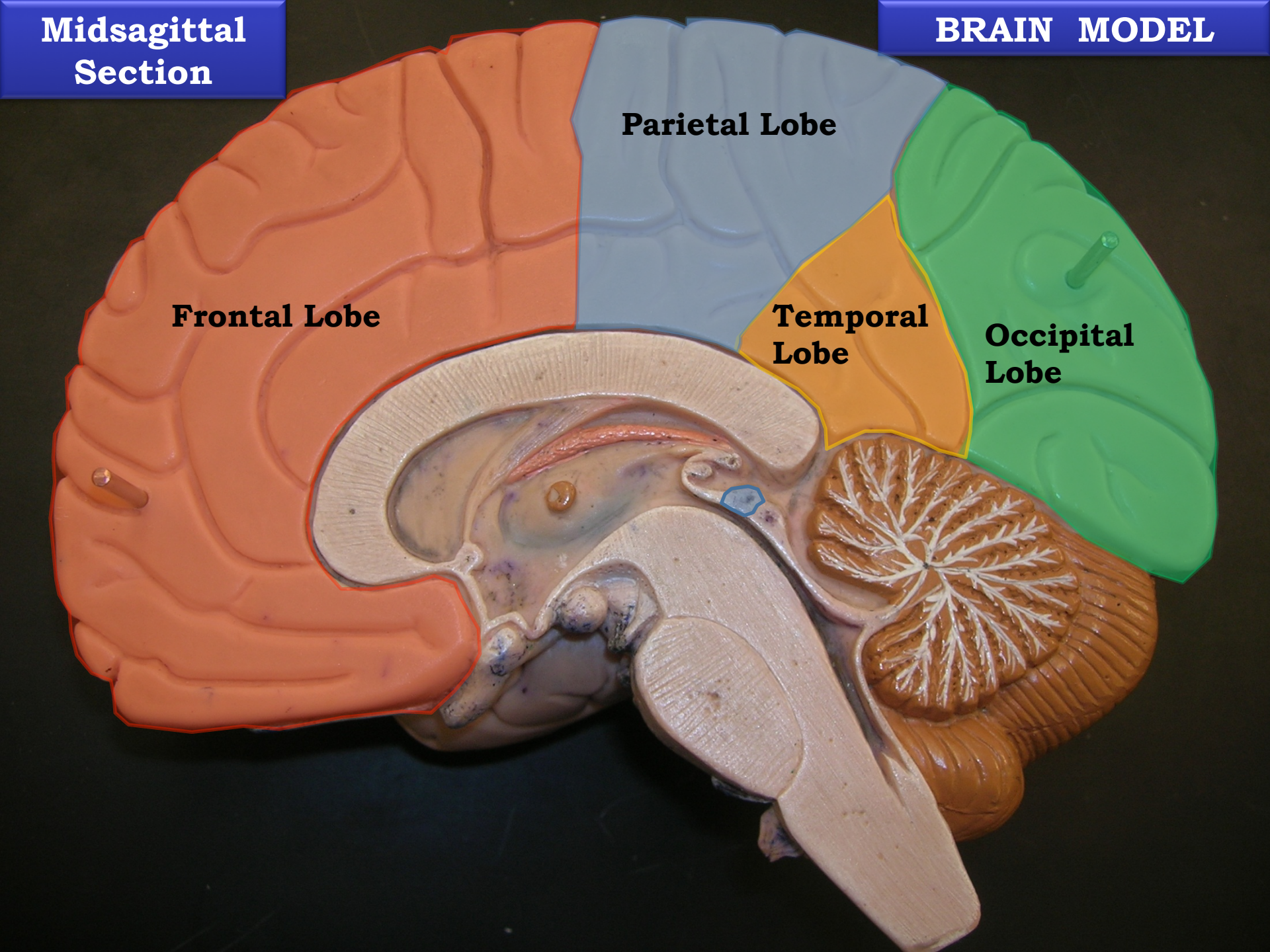
BRAIN MODEL

When asked: What hemisphere is indicated by the arrow?



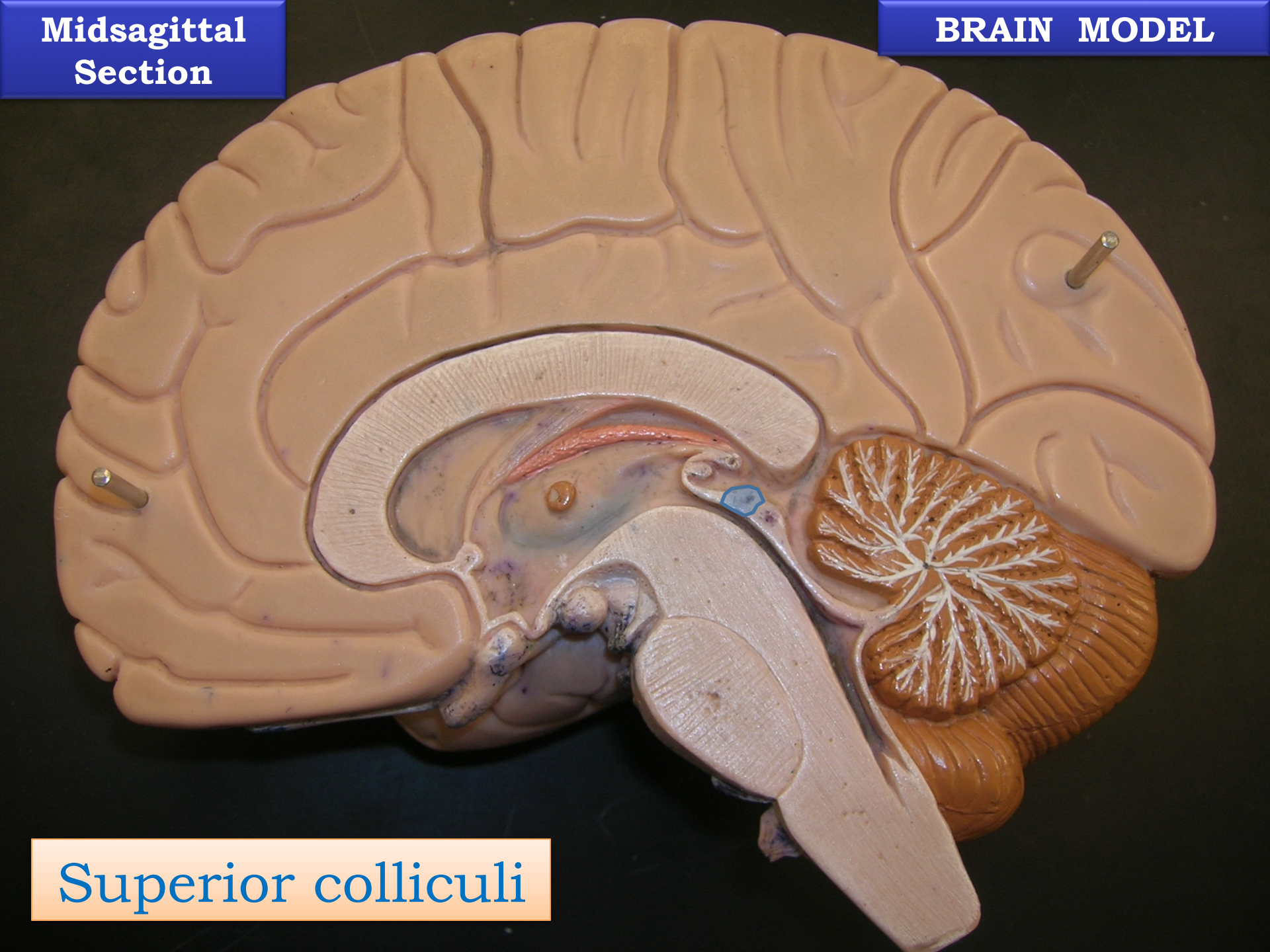
Answer:
Cerebral – you don't need any more detail than this

Ventral (inferior) view


Midsagittal Section
BRAIN MODEL
Parietal Lobe
Frontal Lobe
Temporal Lobe
Occipital Lobe

Midsagittal Section

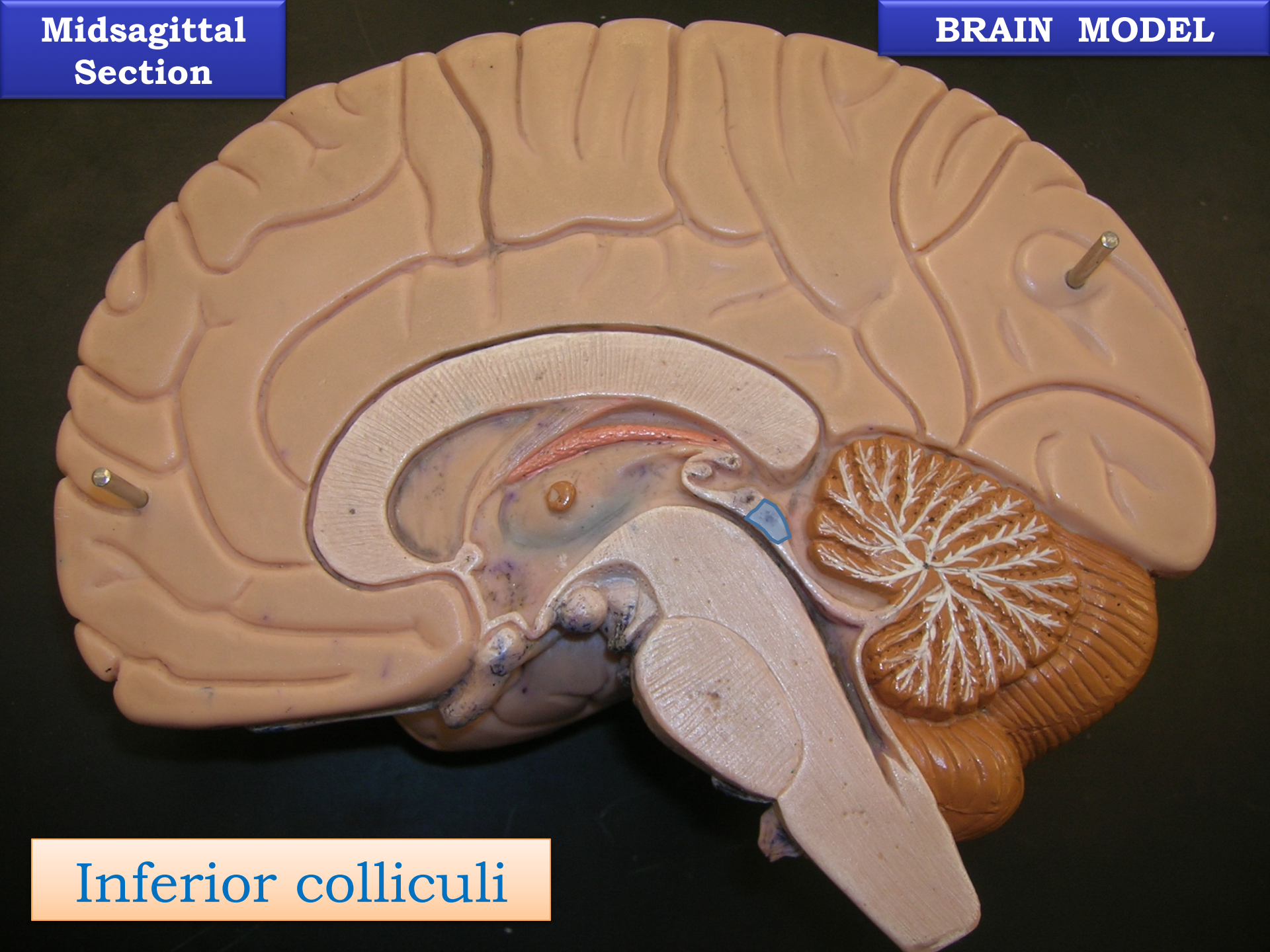
BRAIN MODEL



Superior colliculi

Midsagittal Section

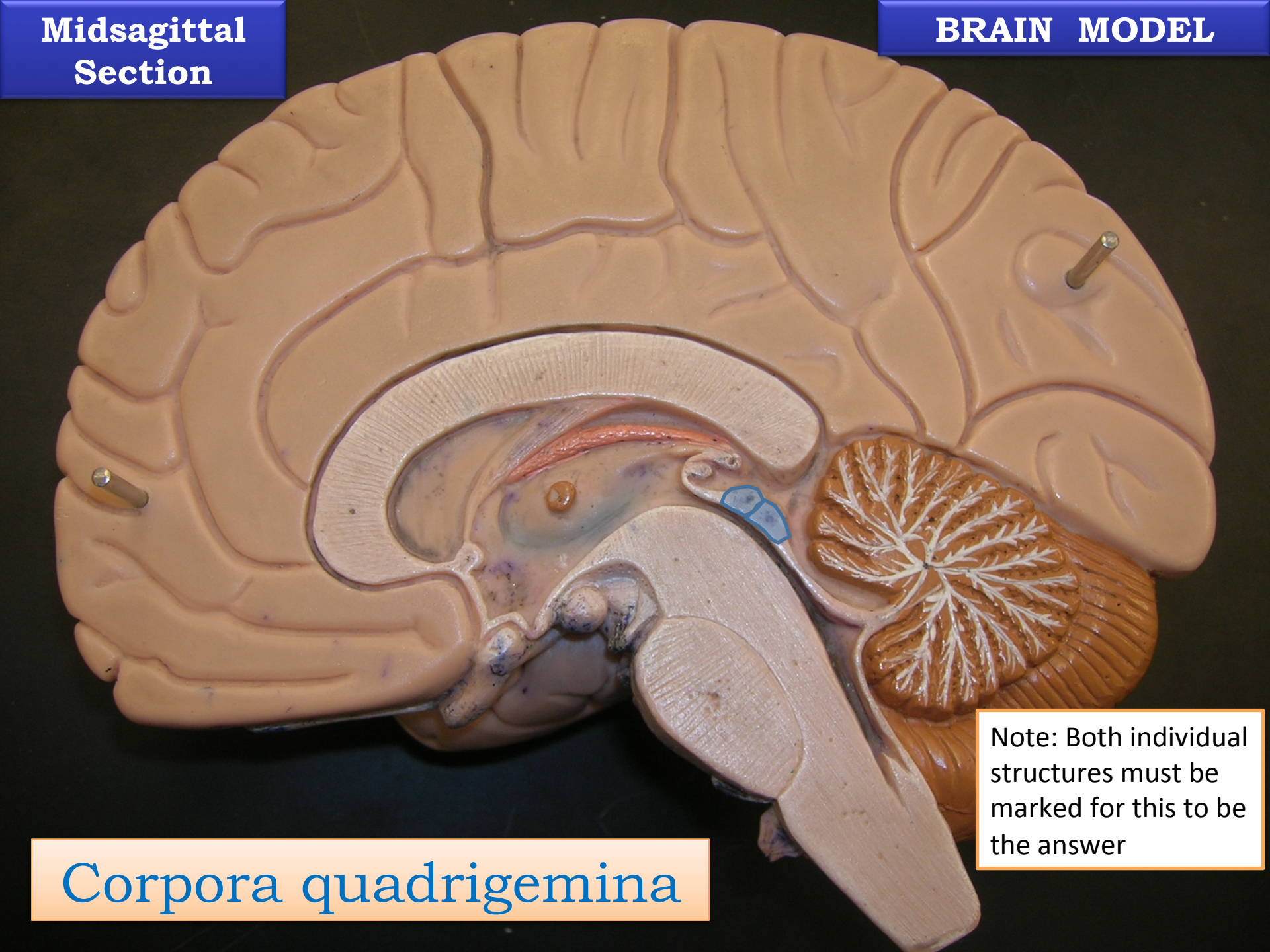
BRAIN MODEL



Inferior colliculi

Midsagittal Section

BRAIN MODEL

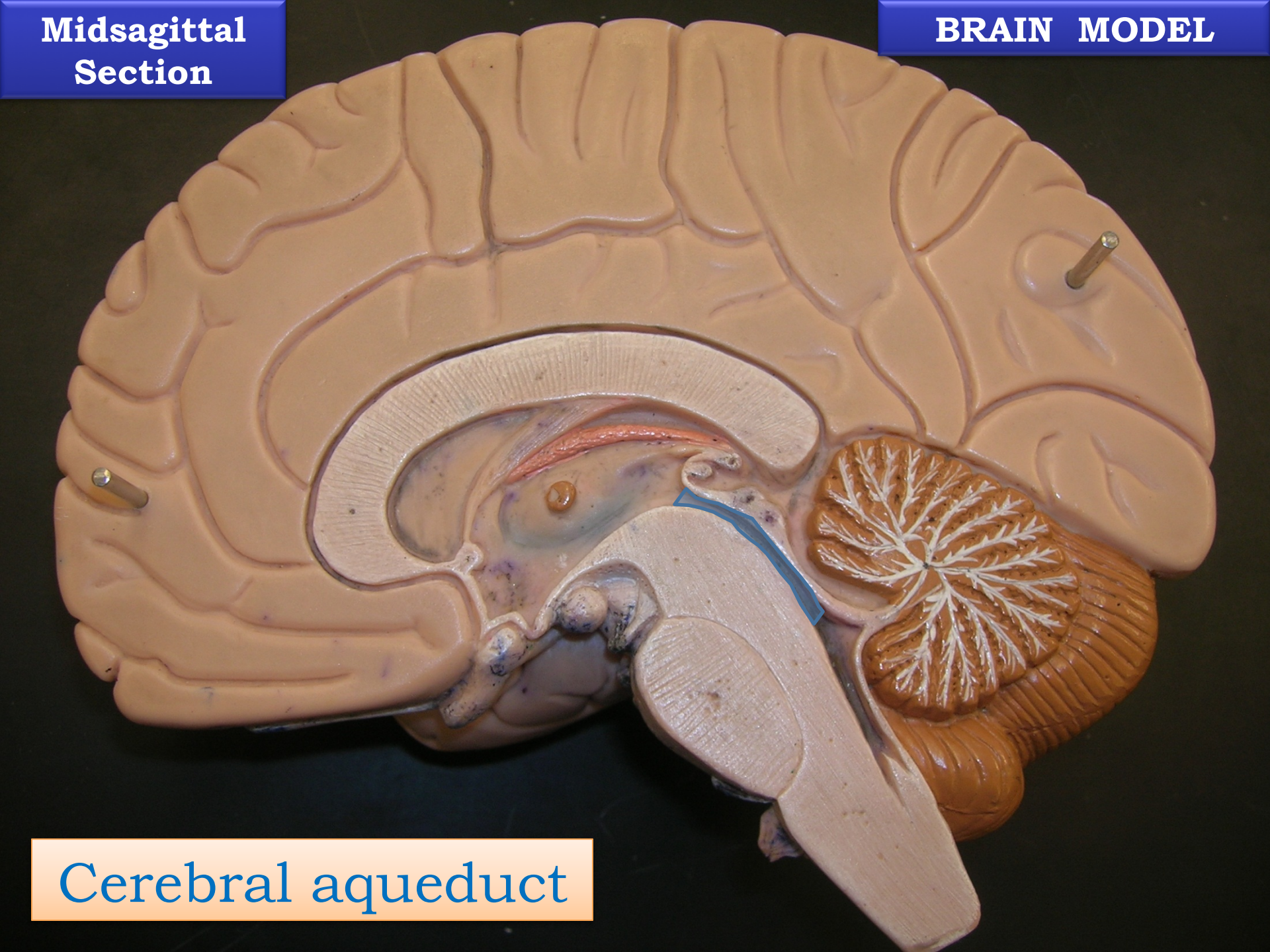


Note: Both individual structures must be marked for this to be the answer

Corpora quadrigemina

Midsagittal Section

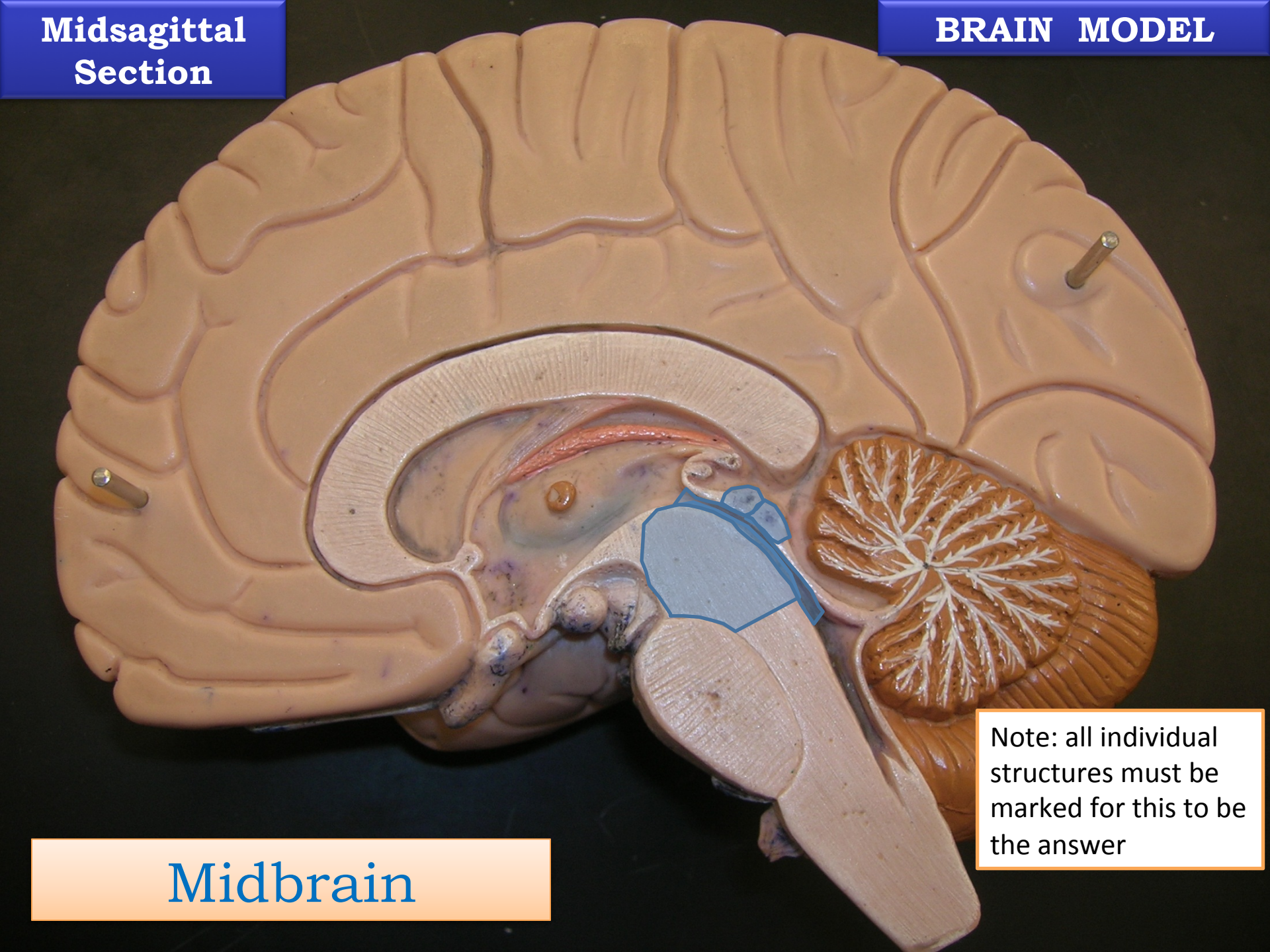
BRAIN MODEL



Cerebral aqueduct

Midsagittal Section

BRAIN MODEL

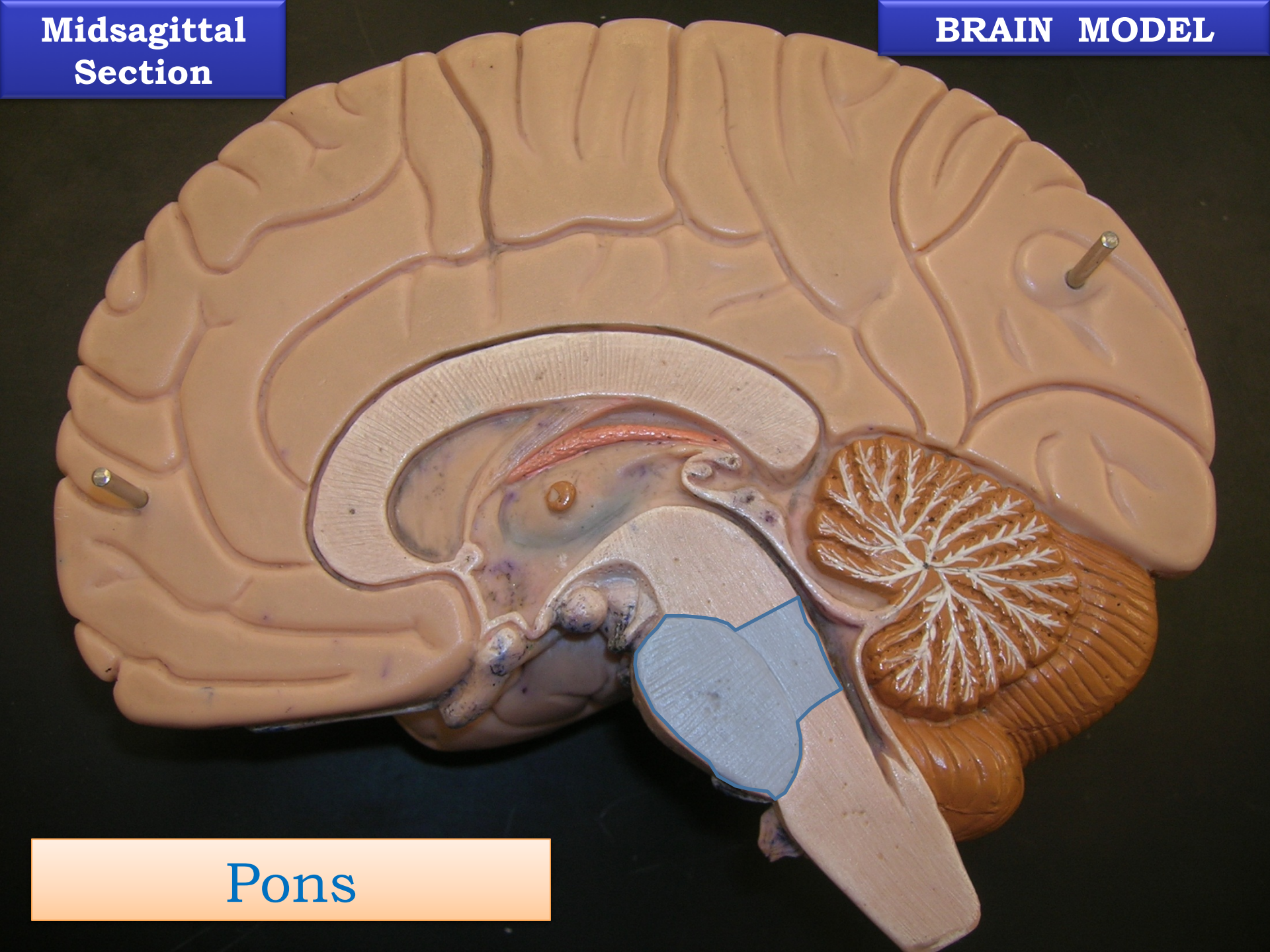


Midbrain

Note: all individual structures must be marked for this to be the answer

Midsagittal Section

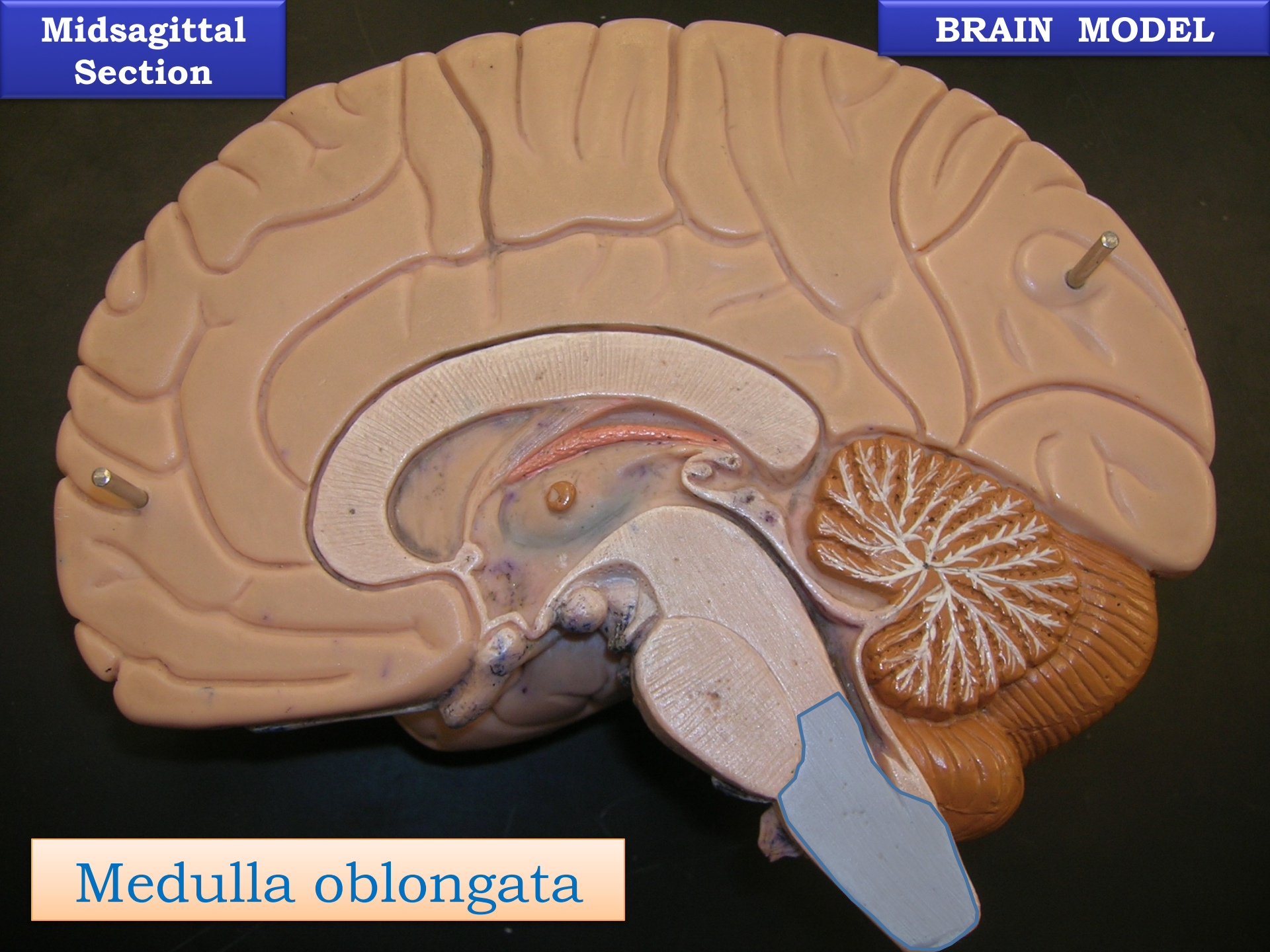
BRAIN MODEL



Pons

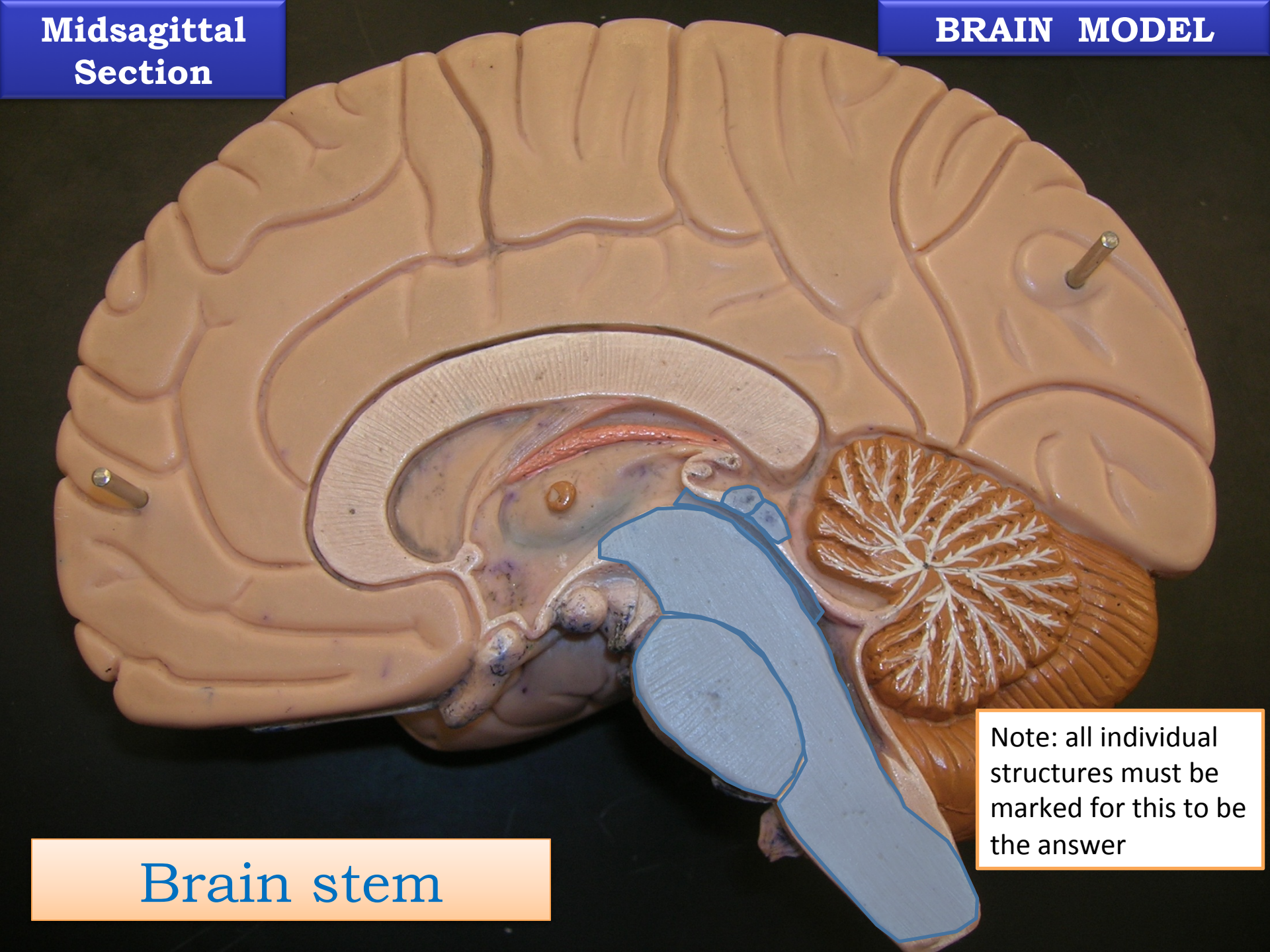
Midsagittal Section

BRAIN MODEL



Midsagittal Section

BRAIN MODEL

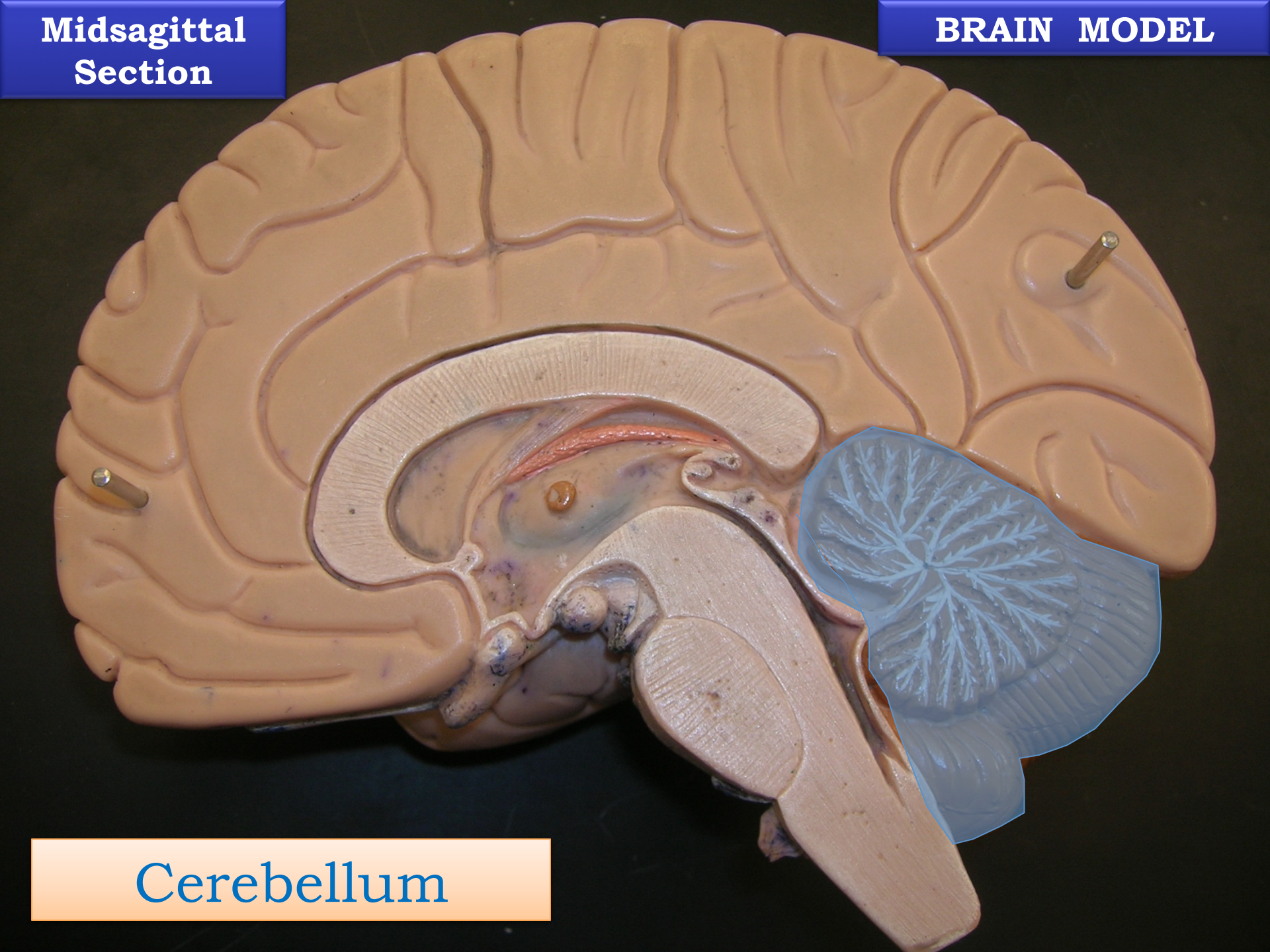


Note: all individual structures must be marked for this to be the answer

Brain stem

Midsagittal Section

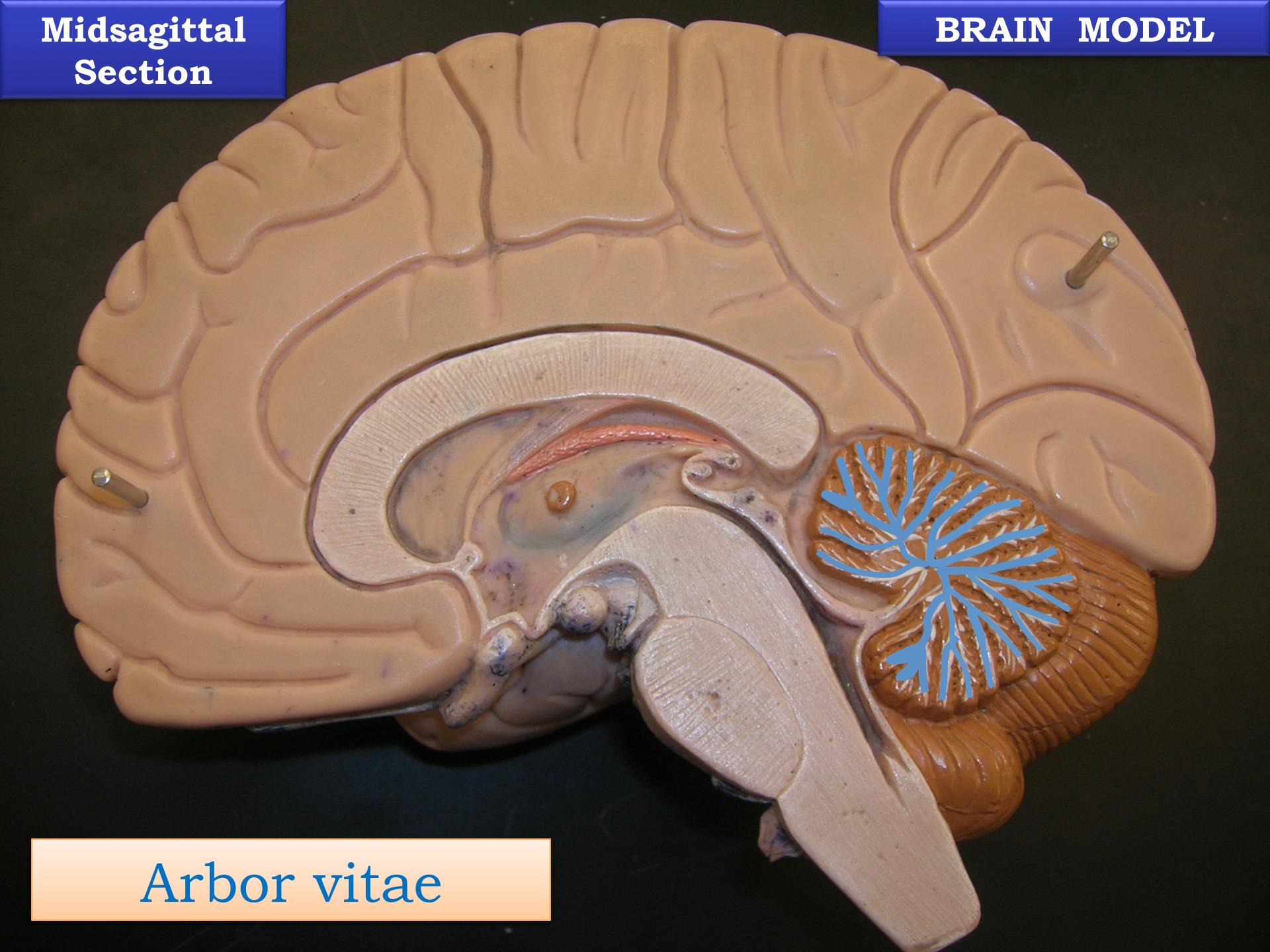
BRAIN MODEL



Cerebellum

Midsagittal Section

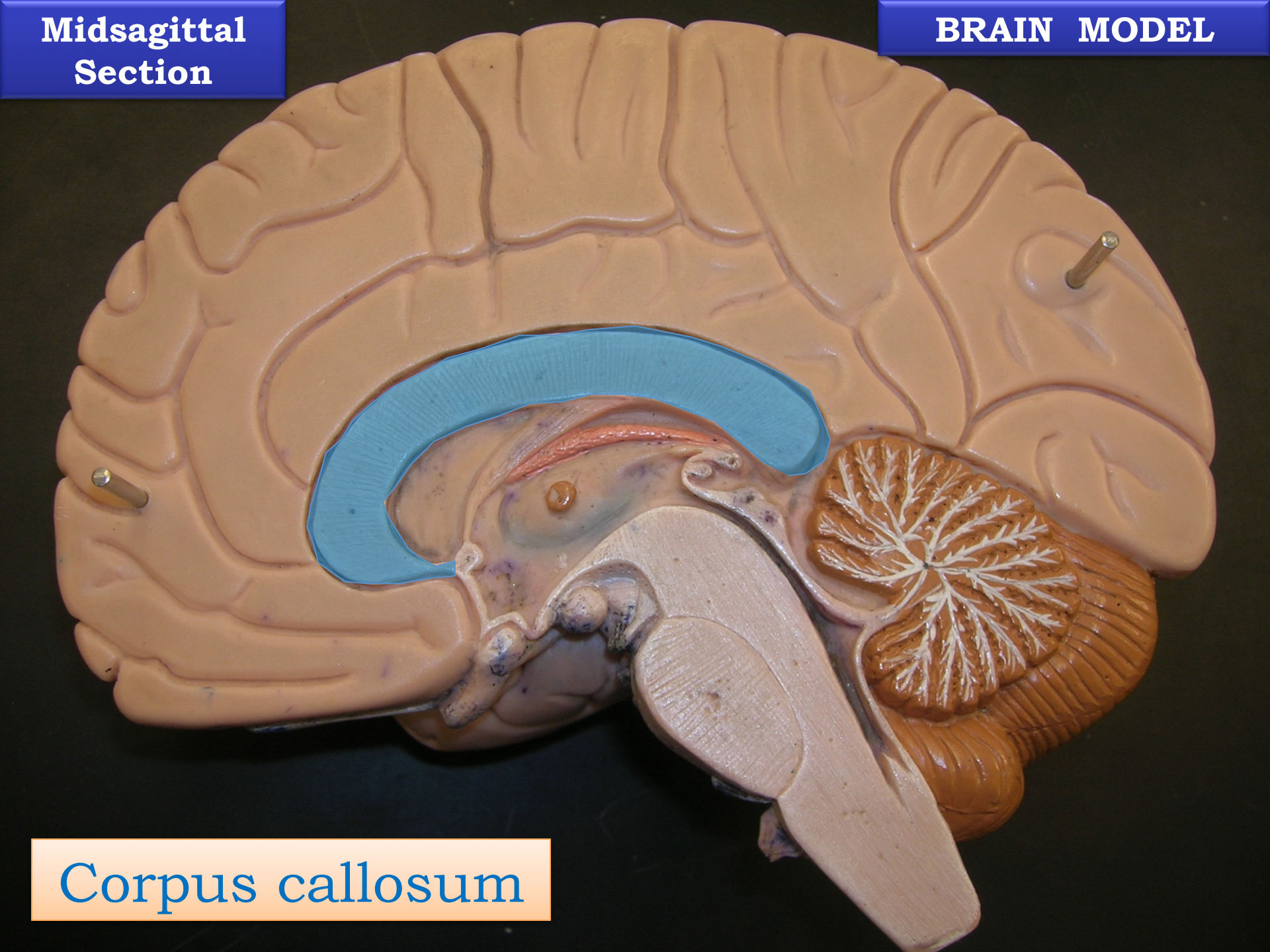
BRAIN MODEL



Arbor vitae

Midsagittal Section

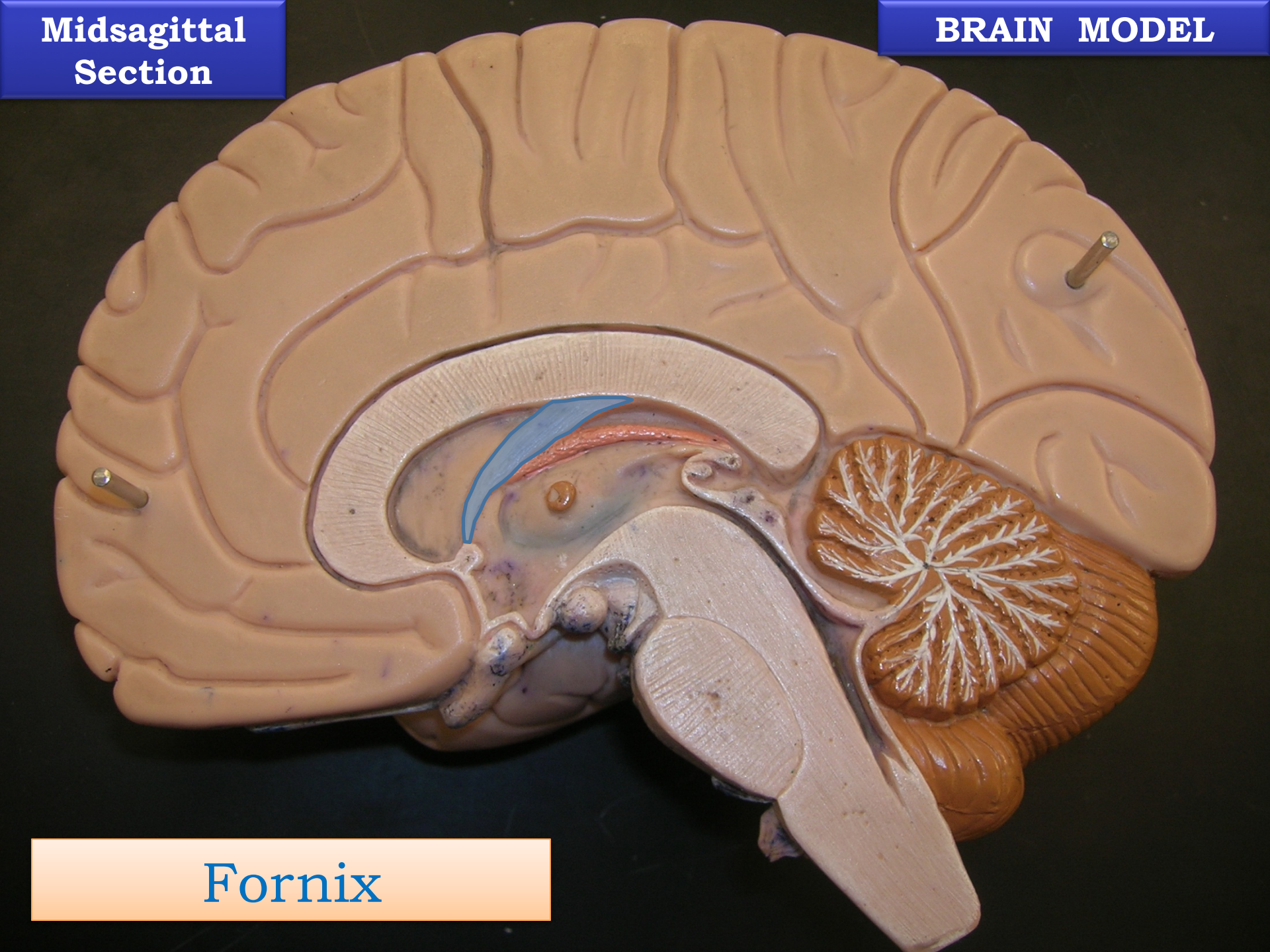
BRAIN MODEL



Corpus callosum

Midsagittal Section

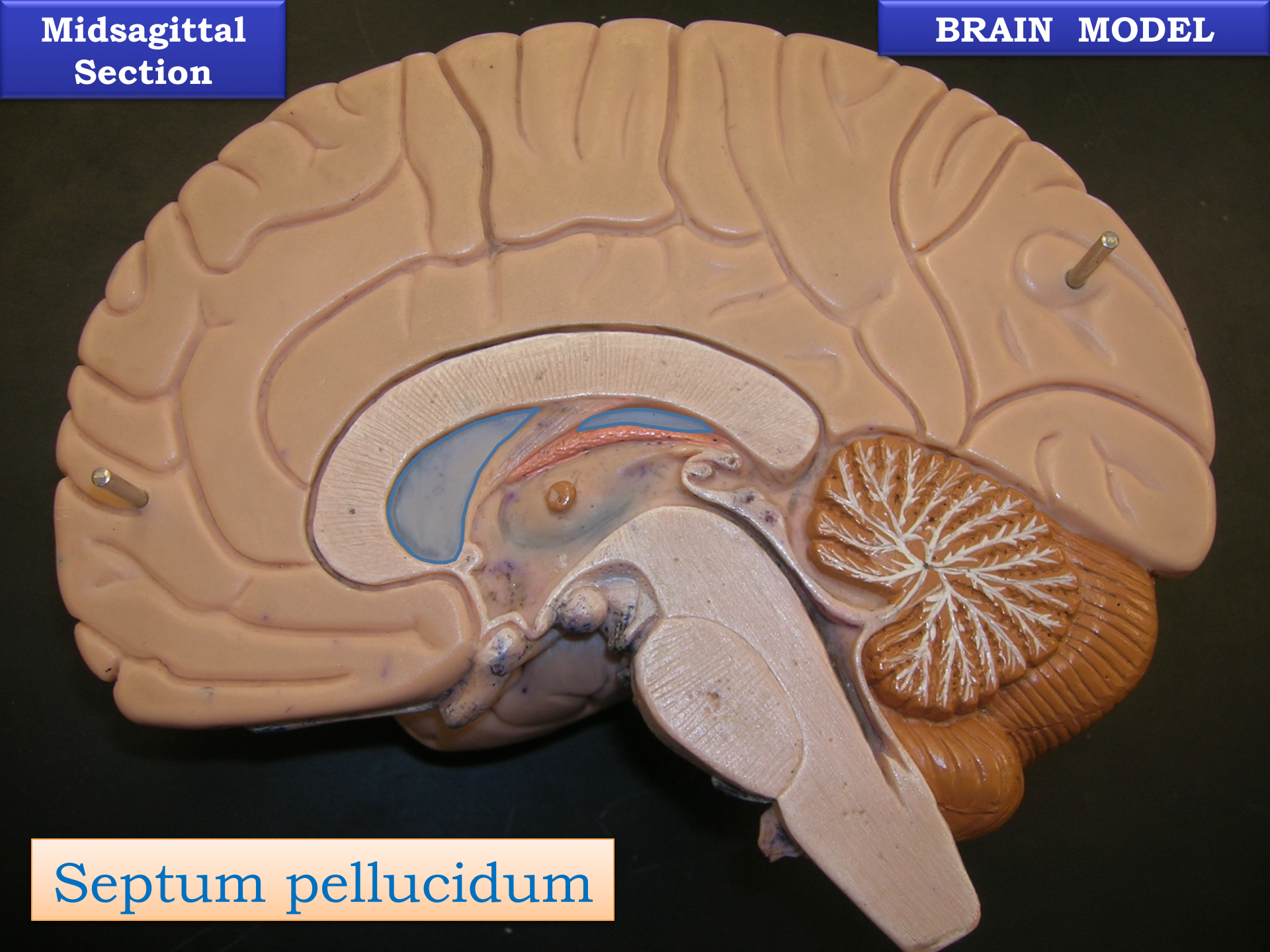
BRAIN MODEL



Fornix

Midsagittal Section

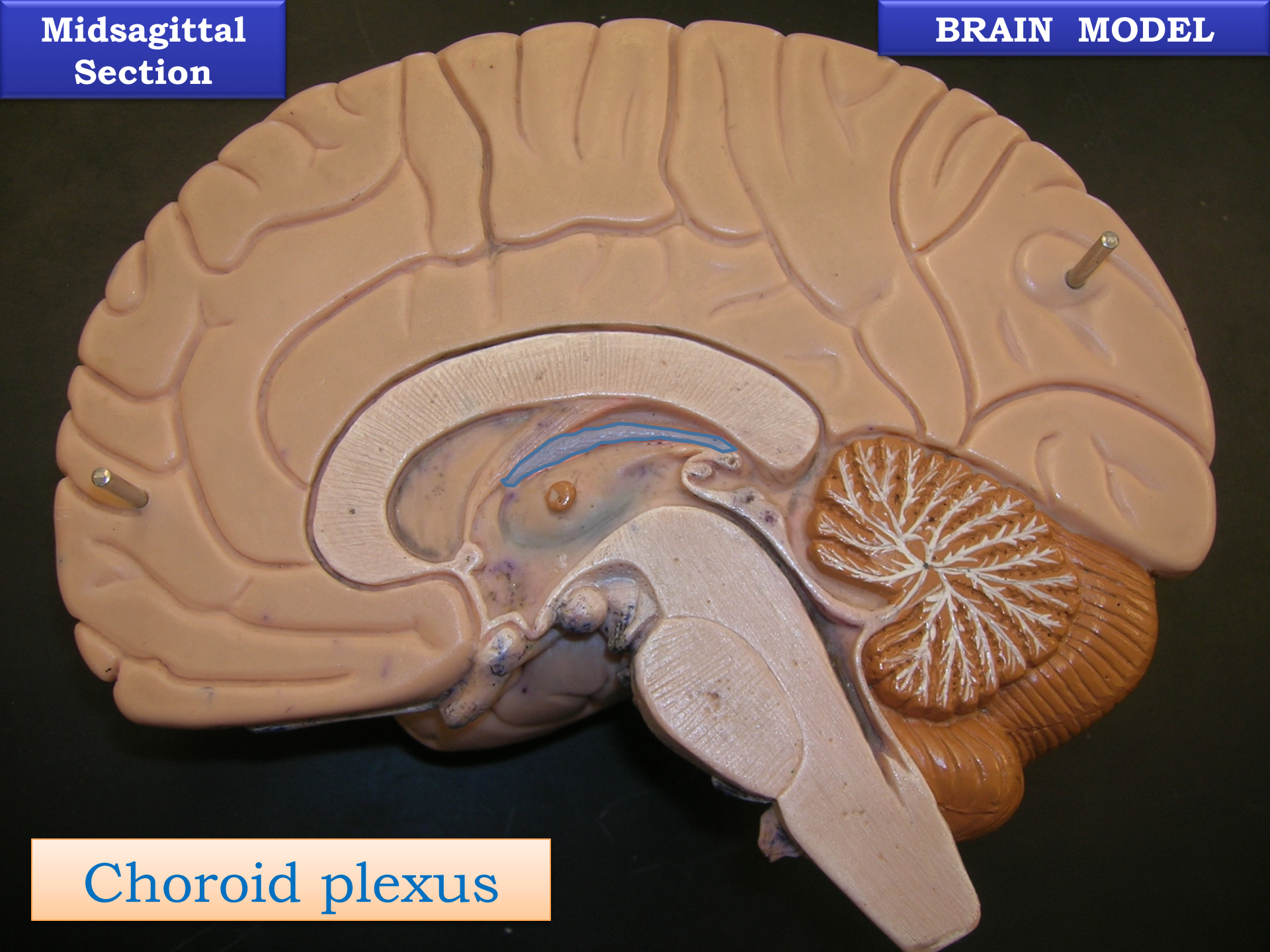
BRAIN MODEL



Septum pellucidum

Midsagittal Section

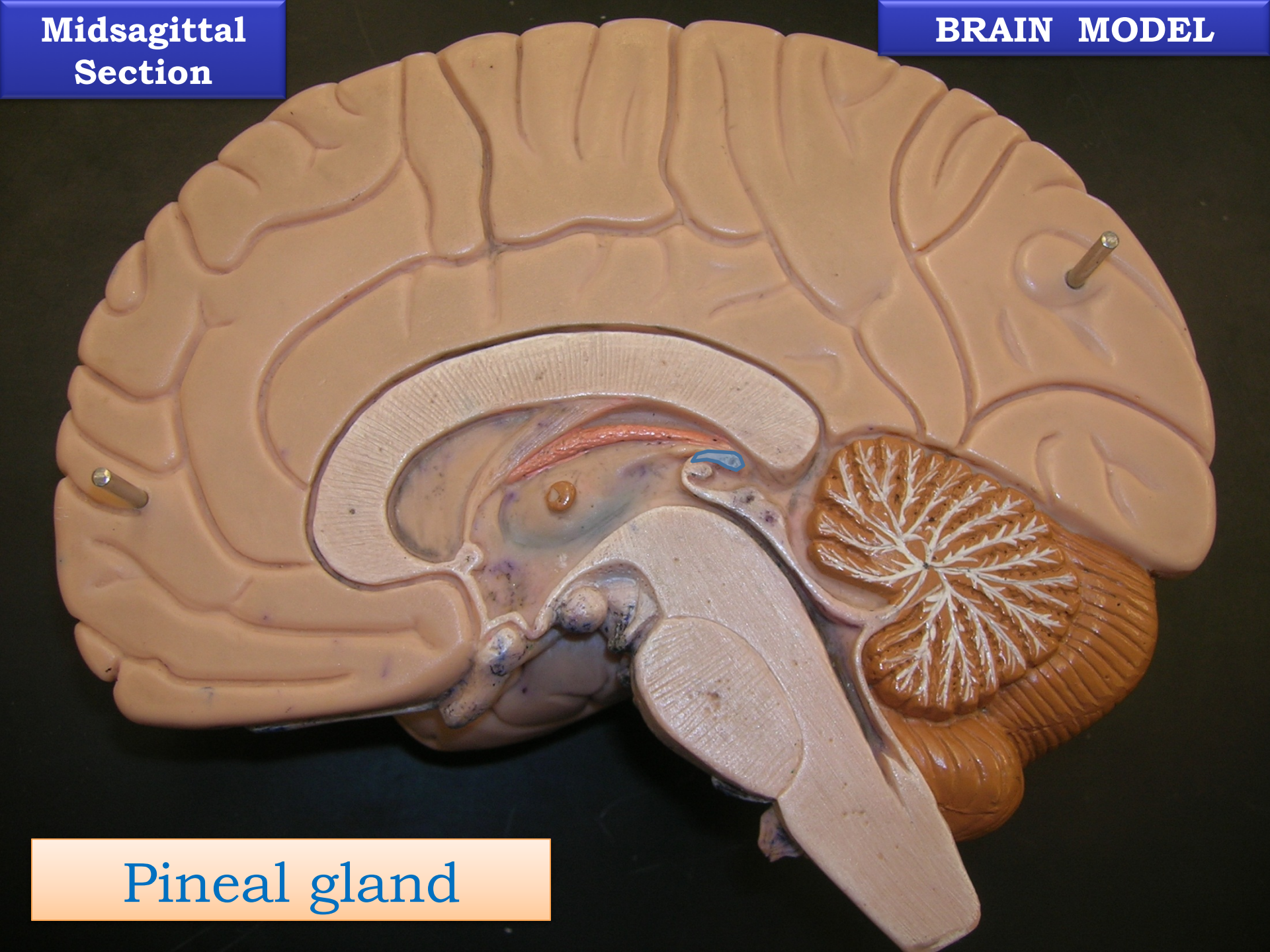
BRAIN MODEL



Choroid plexus

Midsagittal Section

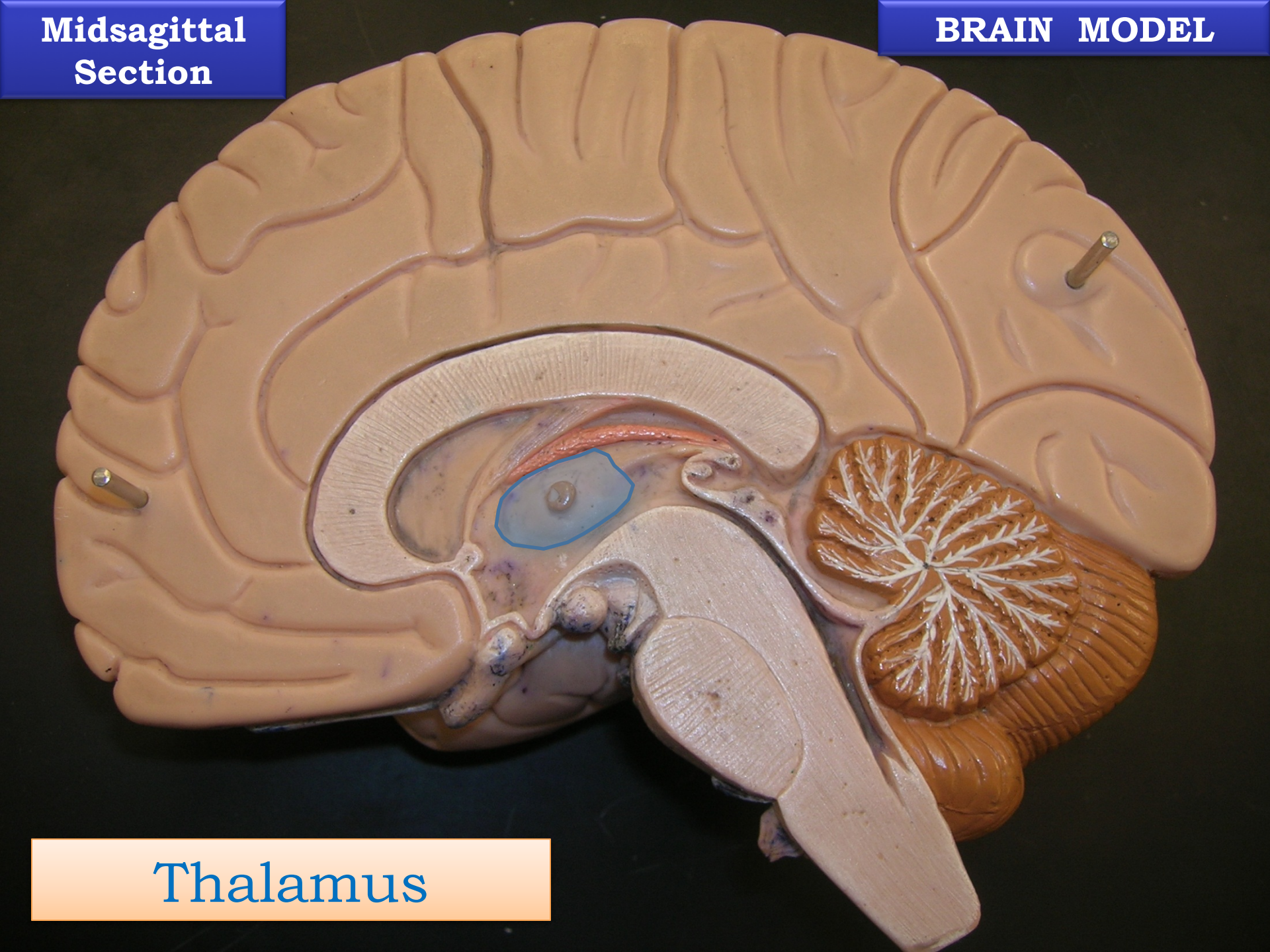
BRAIN MODEL



Pineal gland

Midsagittal Section

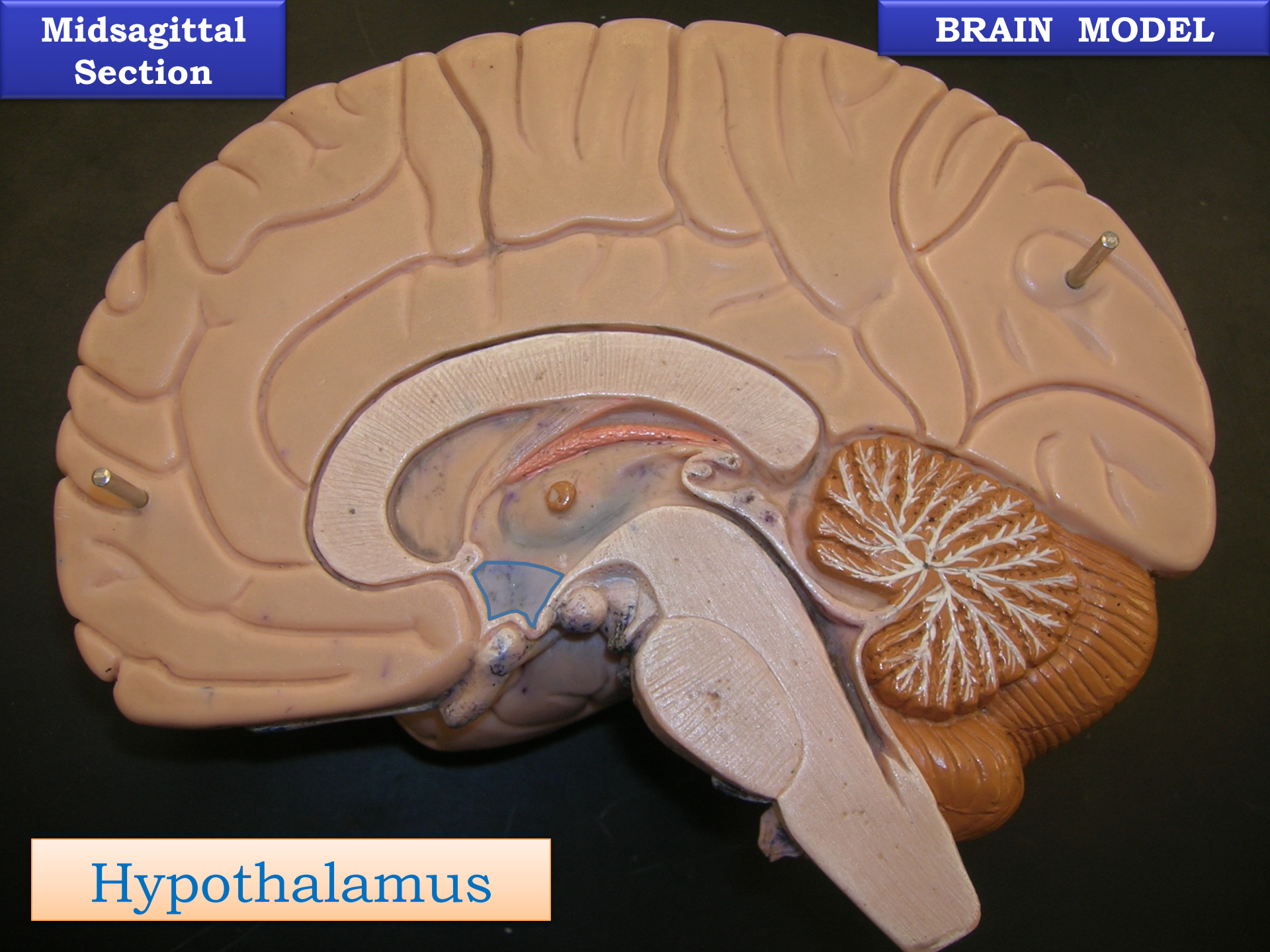
BRAIN MODEL



Thalamus

Midsagittal Section

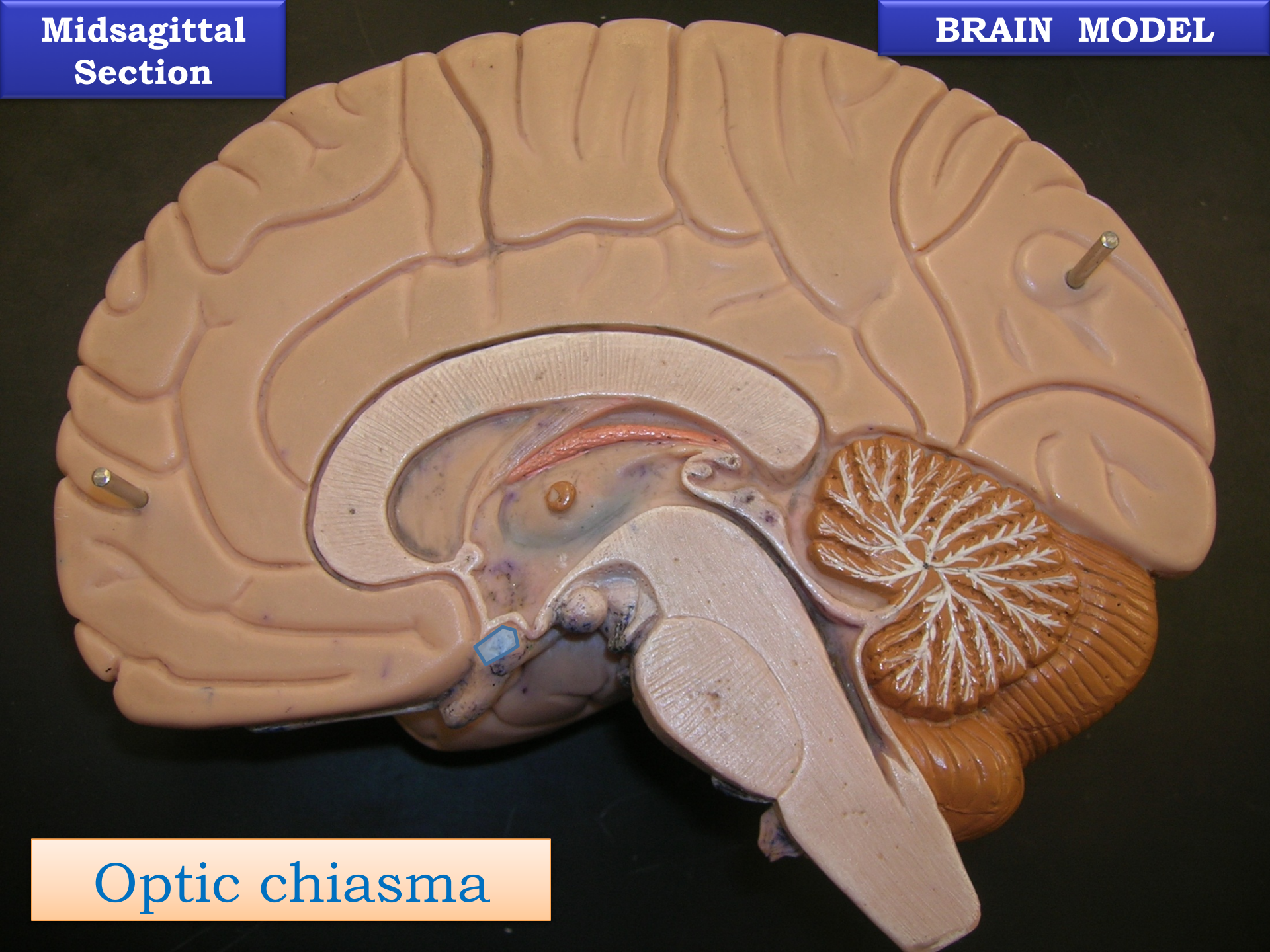
BRAIN MODEL



Hypothalamus

Midsagittal Section

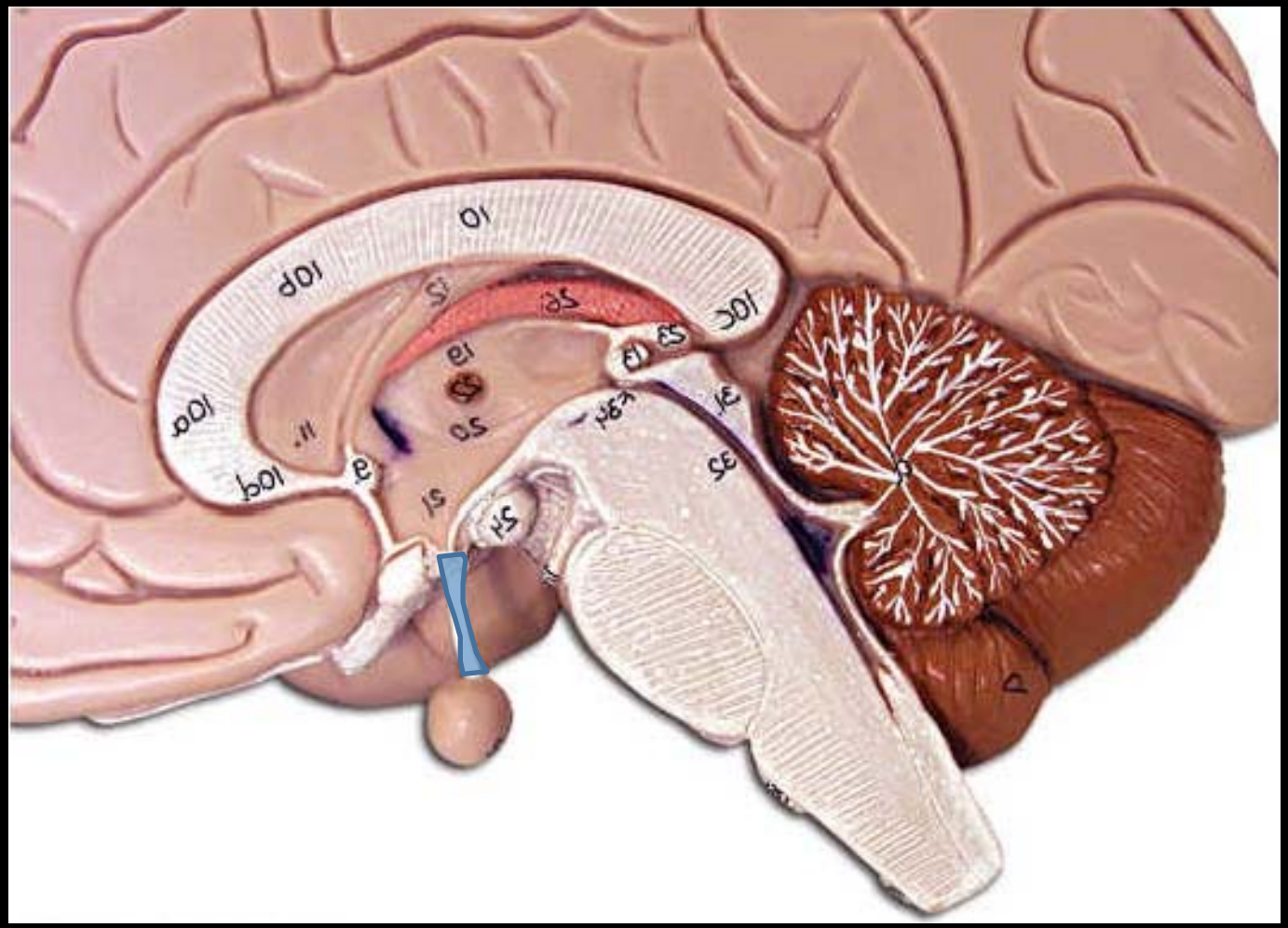
BRAIN MODEL



Optic chiasma

Midsagittal Section

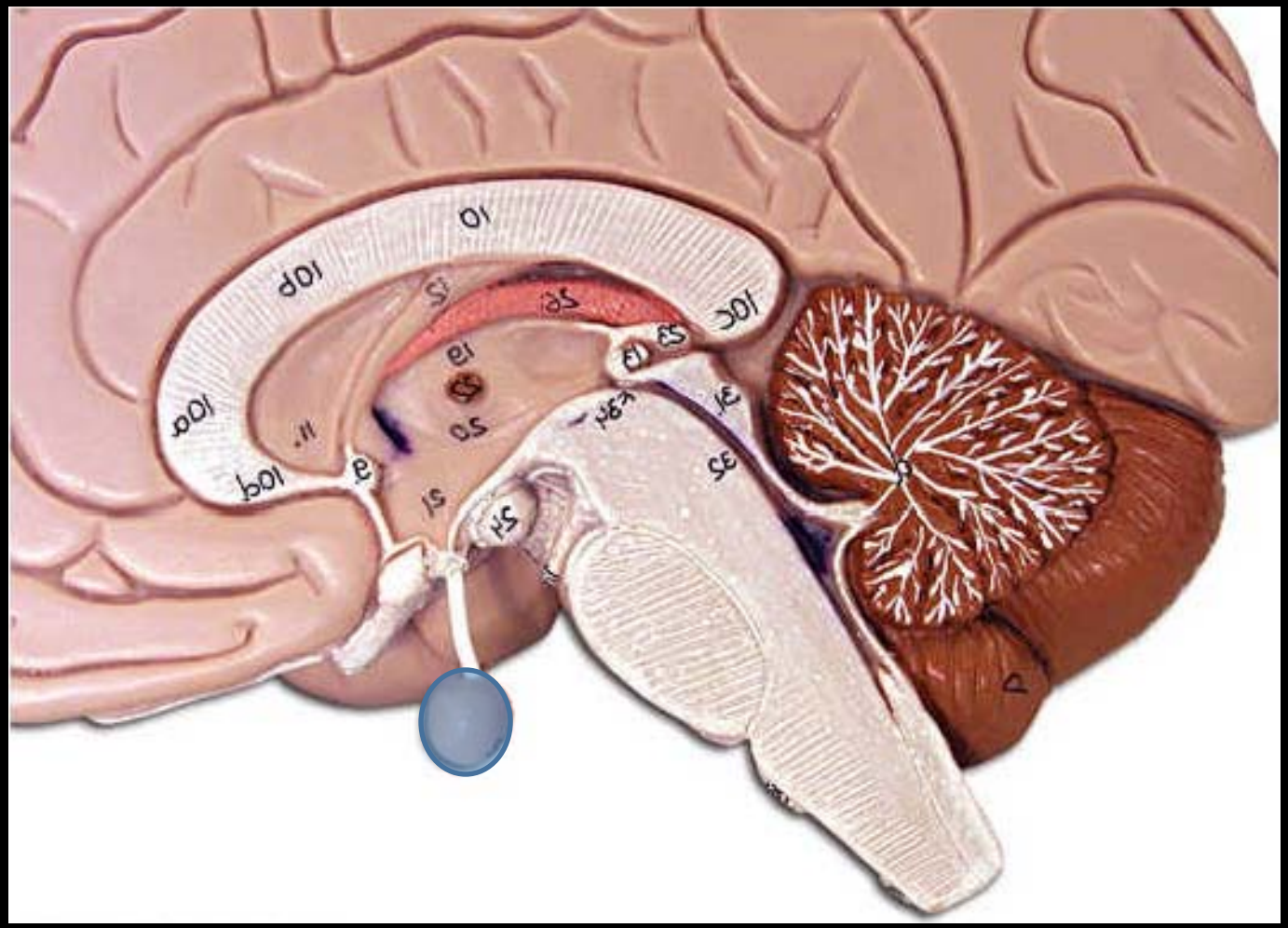
BRAIN MODEL



Infundibulum

Midsagittal Section

BRAIN MODEL



Pituitary gland