MICHIGAN STATE
UNIVERSITY

NOP 552 – Spring 2004
Spinal Cord Lab Objectives

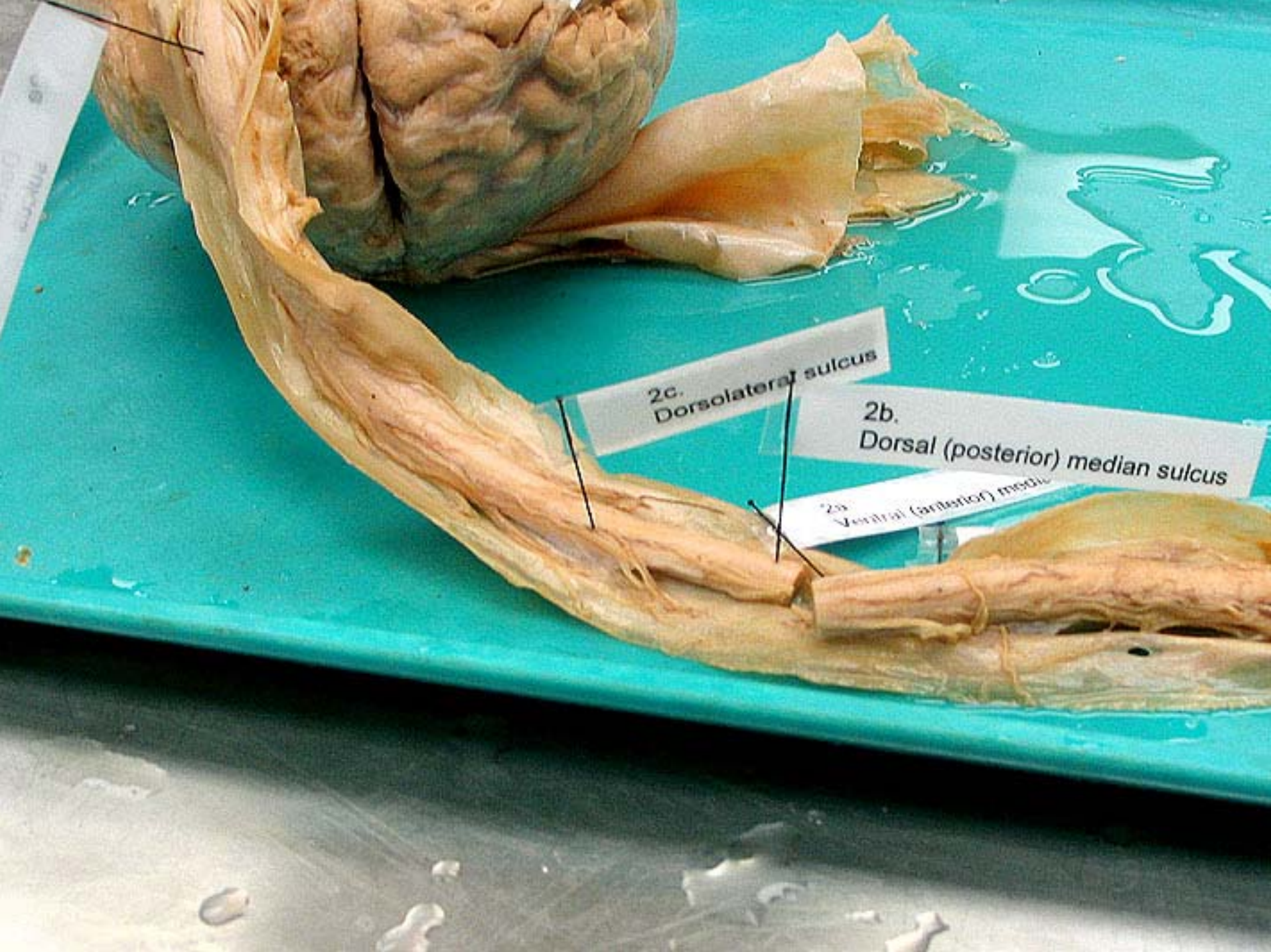

1a.
Spinal cord
3e.
arachnoid
mater
3b.
Spinal dura
mater

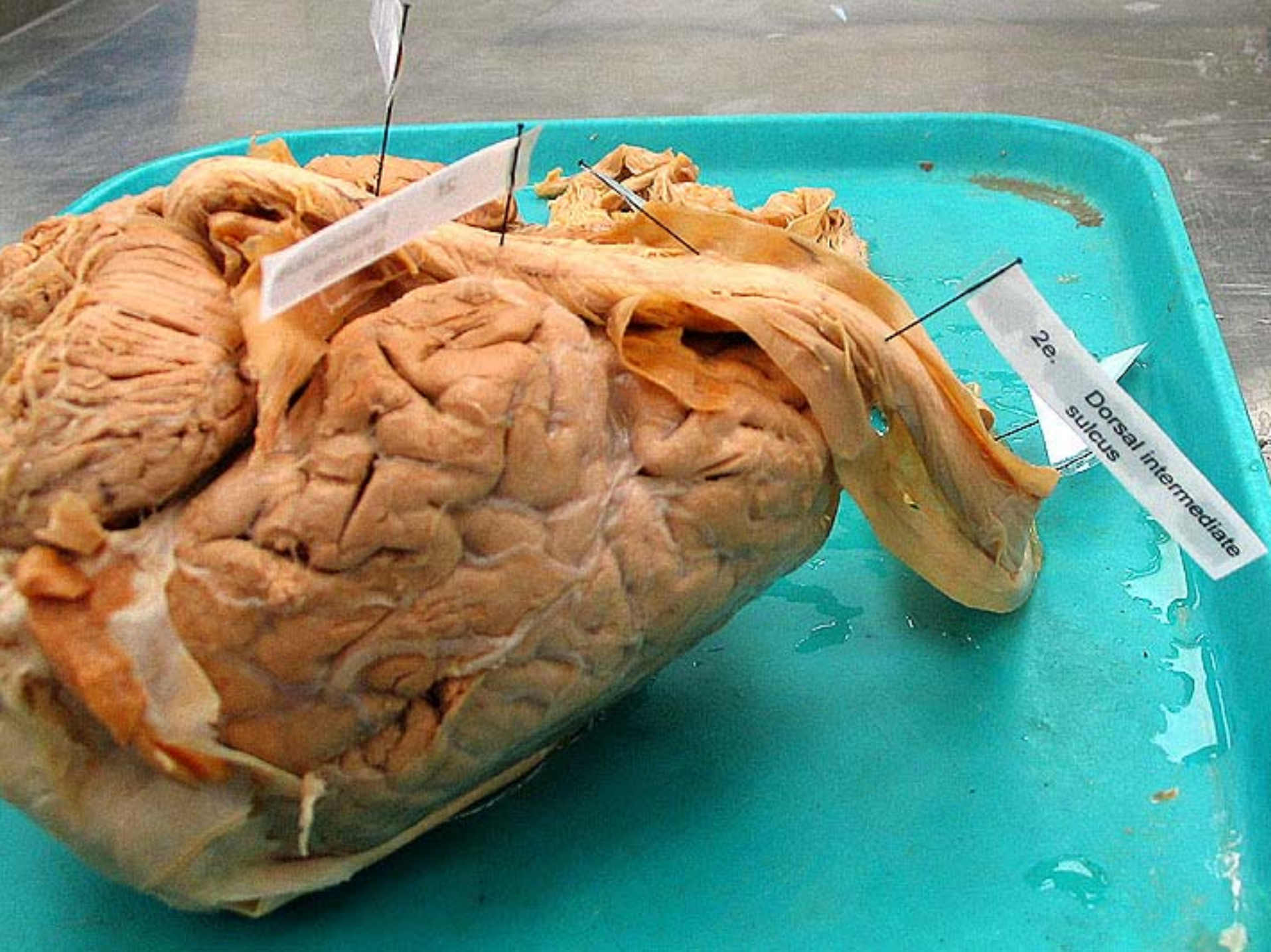

1b.
Level of origin


1c.
Level of termination


2h. Dorsal (posterior) roo
2a. Ventral (anterior) median fissure
Ventrolateral sulcus

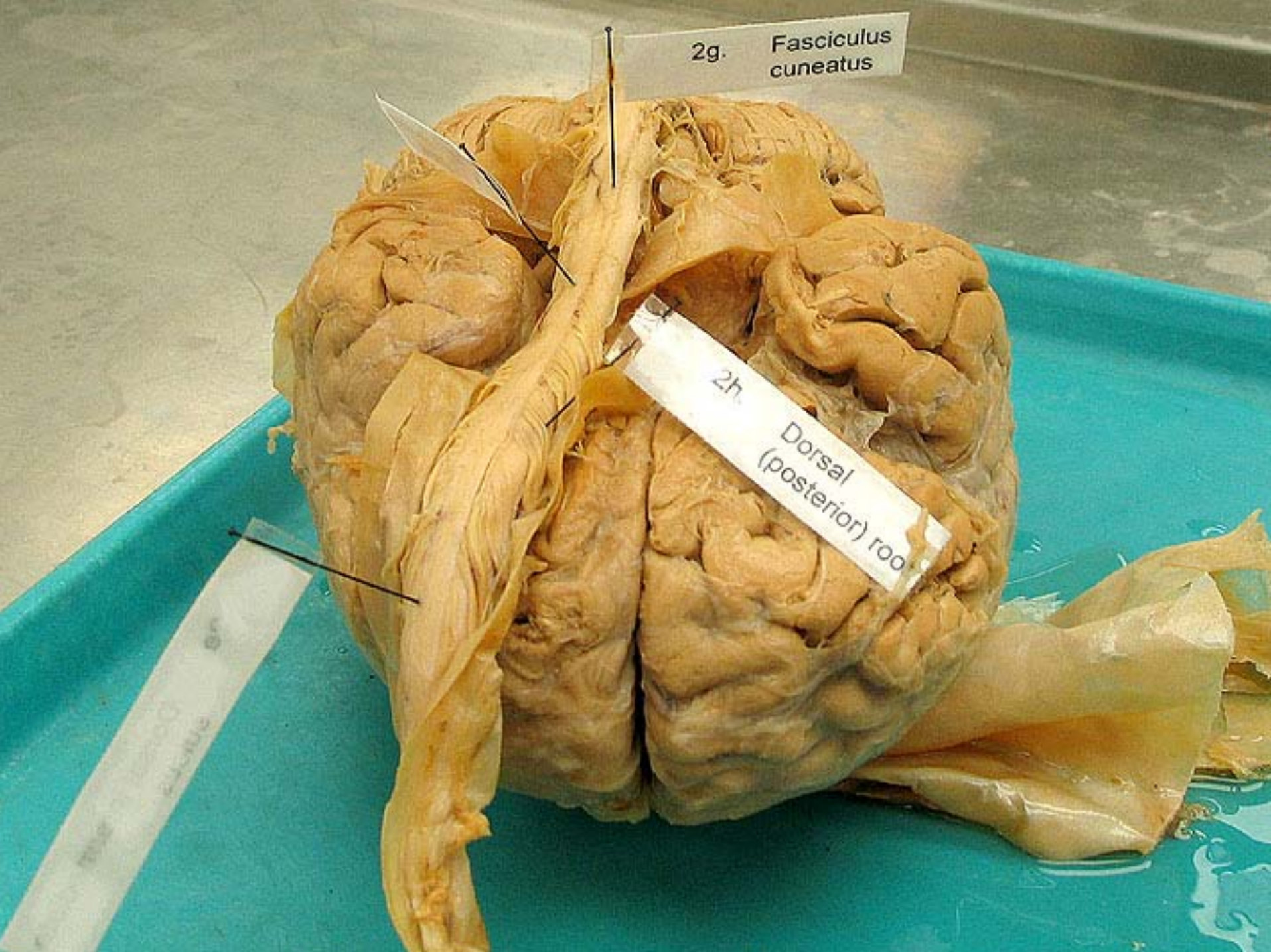

2h. Dorsal (posterior) roo
2a. Ventral (anterior) median fissure
2d. Ventrolateral sulcus

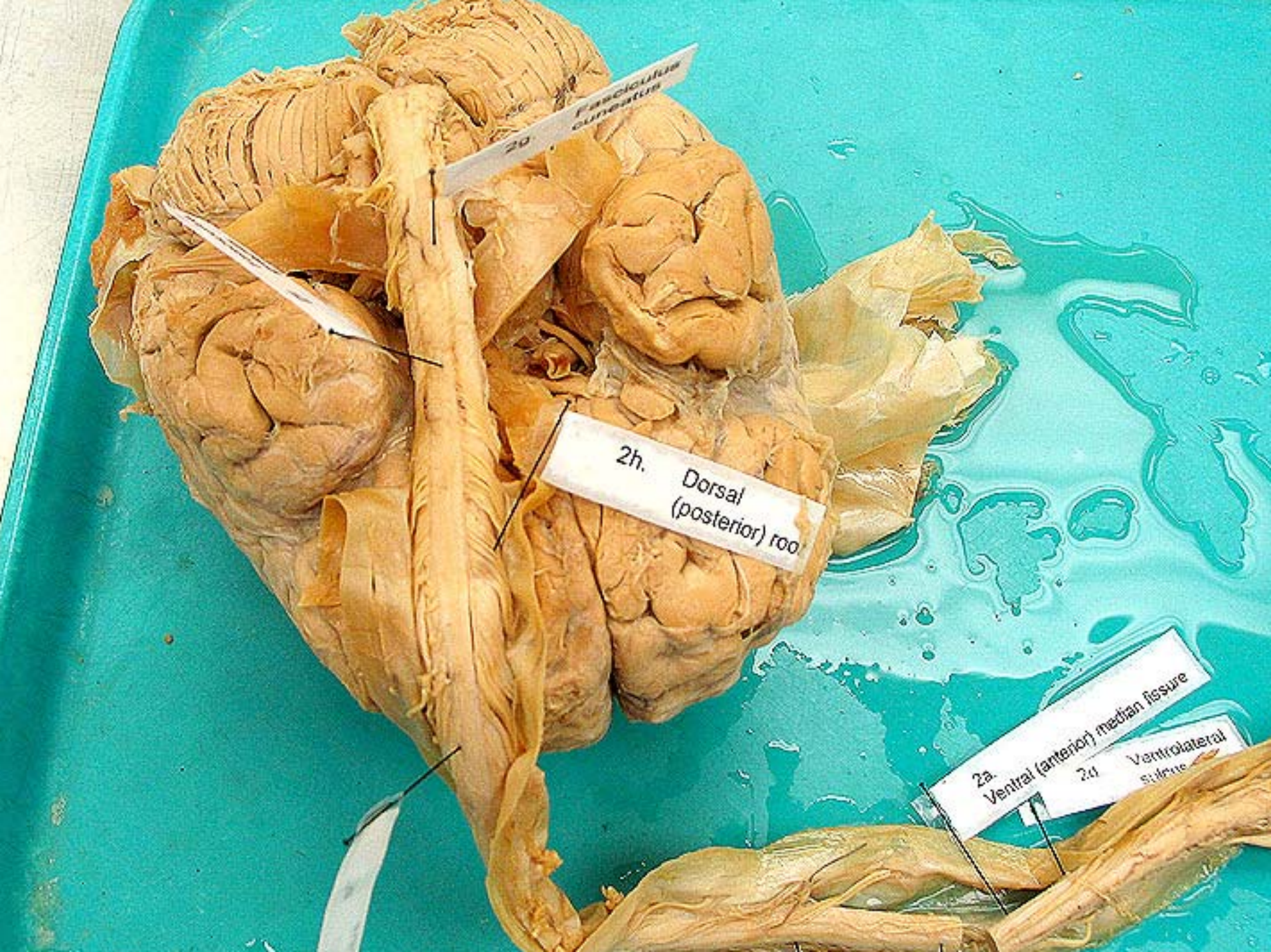

2c.
Dorsolateral sulcus
2b.
Dorsal (posterior) median sulcus


2e.
Dorsal intermediate sulcus


2h. Dorsal (posterior) roo
2a. Ventral (anterior) median fissure
2d. Ventrolateral sulcus


2a. Ventral (anterior) median fissure
2d. Ventrolateral sulcus
2h. Dorsal (posterior) roo
2f. Fasciculus gracilis


2g. Fasciculus cuneatus
2h. Dorsal (posterior) roo

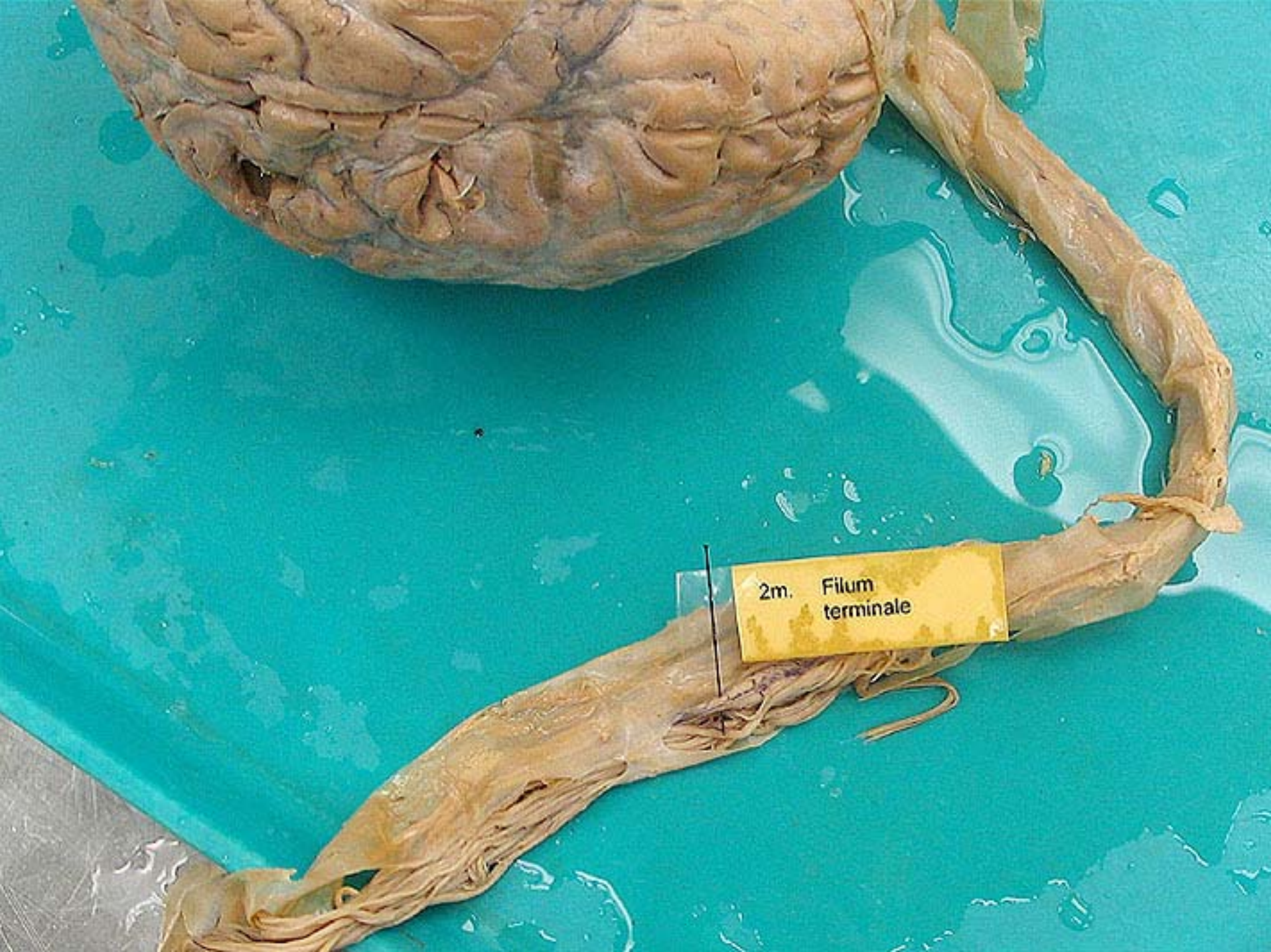

2g. Fasciculus cuneatus
2h. Dorsal (posterior) roo
2a. Ventral (anterior) median fissure
2d Ventrolateral

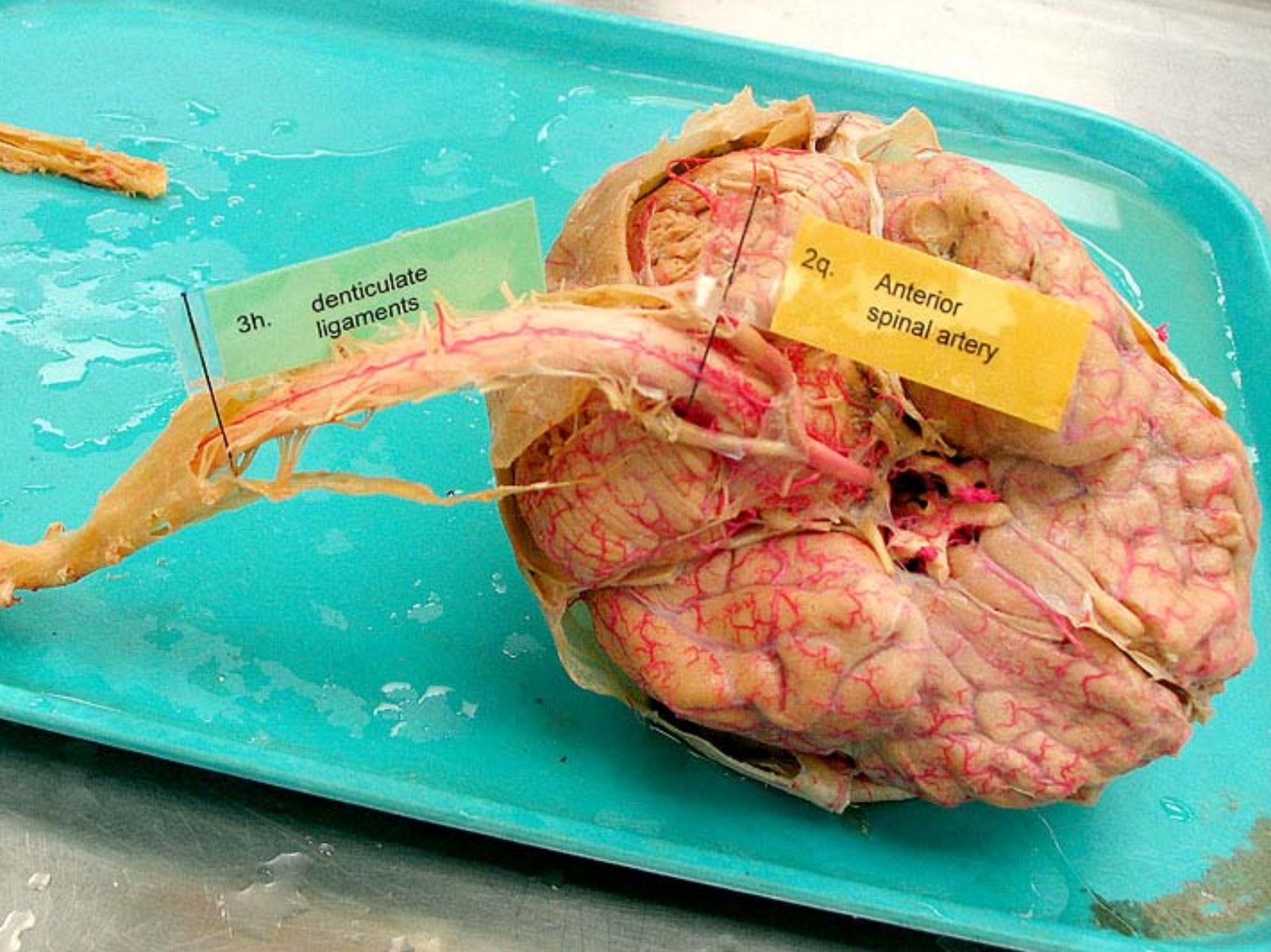

2k. Spinal nerve
2i. Ventral (anterior) root
2o. Cervical enlargement


2j. Dorsal root (spinal) ganglion


2k. Spinal nerve
2i. Ventral (anterior) root


2p. Lumbar enlargement
2l. Conus medullaris
2n. Cauda equina


2m. Filum terminale


3h. denticulate ligaments
2q. Anterior spinal artery


2r.
Posterior
spinal arteries


3b. Spinal dura mater
3a. Epidural space
3f. subarachn space
3e. arachnoid mater


1b. Level of origin
3e. arachnoid mater
3b. Spinal dura mater

5m. internal jugular vein
4b. tentorium cerebelli
straight sinus
3c. Cranial dura mater
3c1. endosteal (periosteal) layer

ight sinus
4b. tentorium cerebelli
3c. Cranial dura mater
3c1. endosteal (periosteal) layer

6c. interpeduncular cistern

3c2. meningeal layer

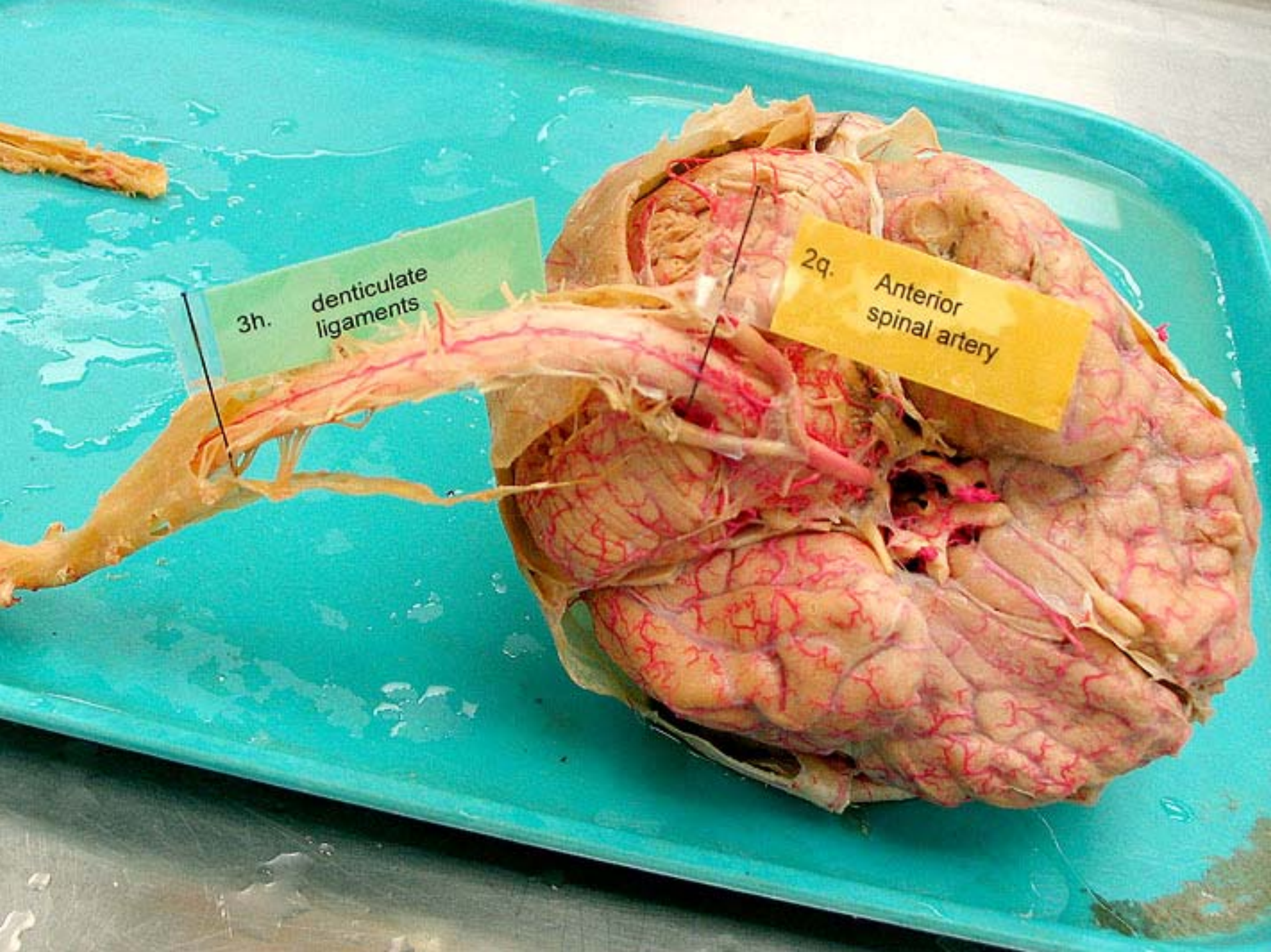
6a. cerebello-medullary cistern (cisterna magna)

6d cistern of the great cerebral vein


1b. Level of origin
3e. arachnoid mater
3b. Spinal dura mater


3a. Epidural space
3f. subarachnoid space


3g. pia mater

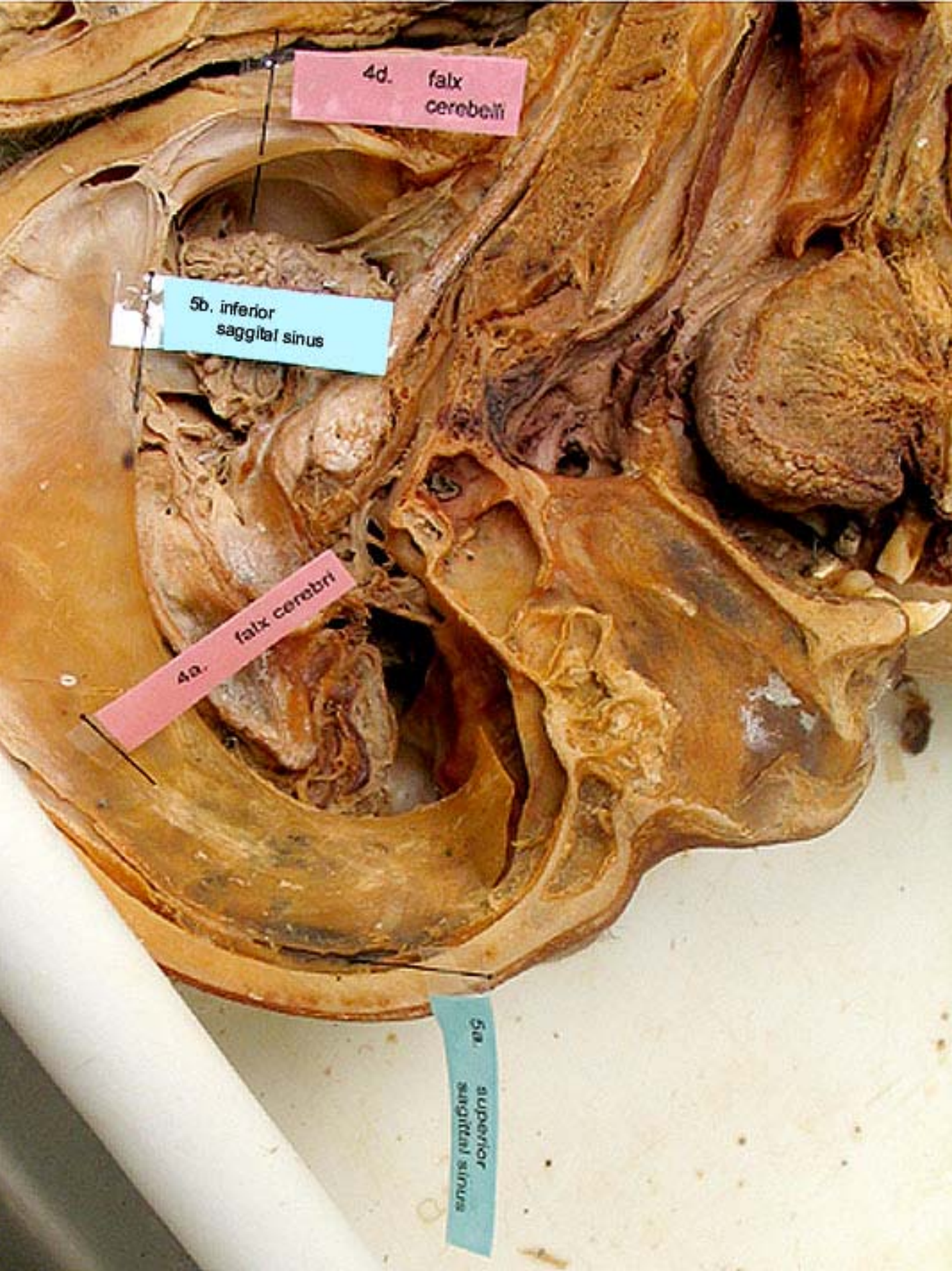

3h. denticulate ligaments
2q. Anterior spinal artery


falx cerebri
falx cerebelli


4c1. subtentorial region
4c2. supratentorial region


pontine cisterns
anterior and inferior)
4d. falx cerebelli
5b. inferior sagittal sinus
4a. falx cerebri

5d. transverse sinus
5i. superior petrosal sinus
5j. confluens of sinuses


4d. falx cerebelli
5b. inferior saggital sinus
4a. falx cerebri
5a. superior sagittal sinus

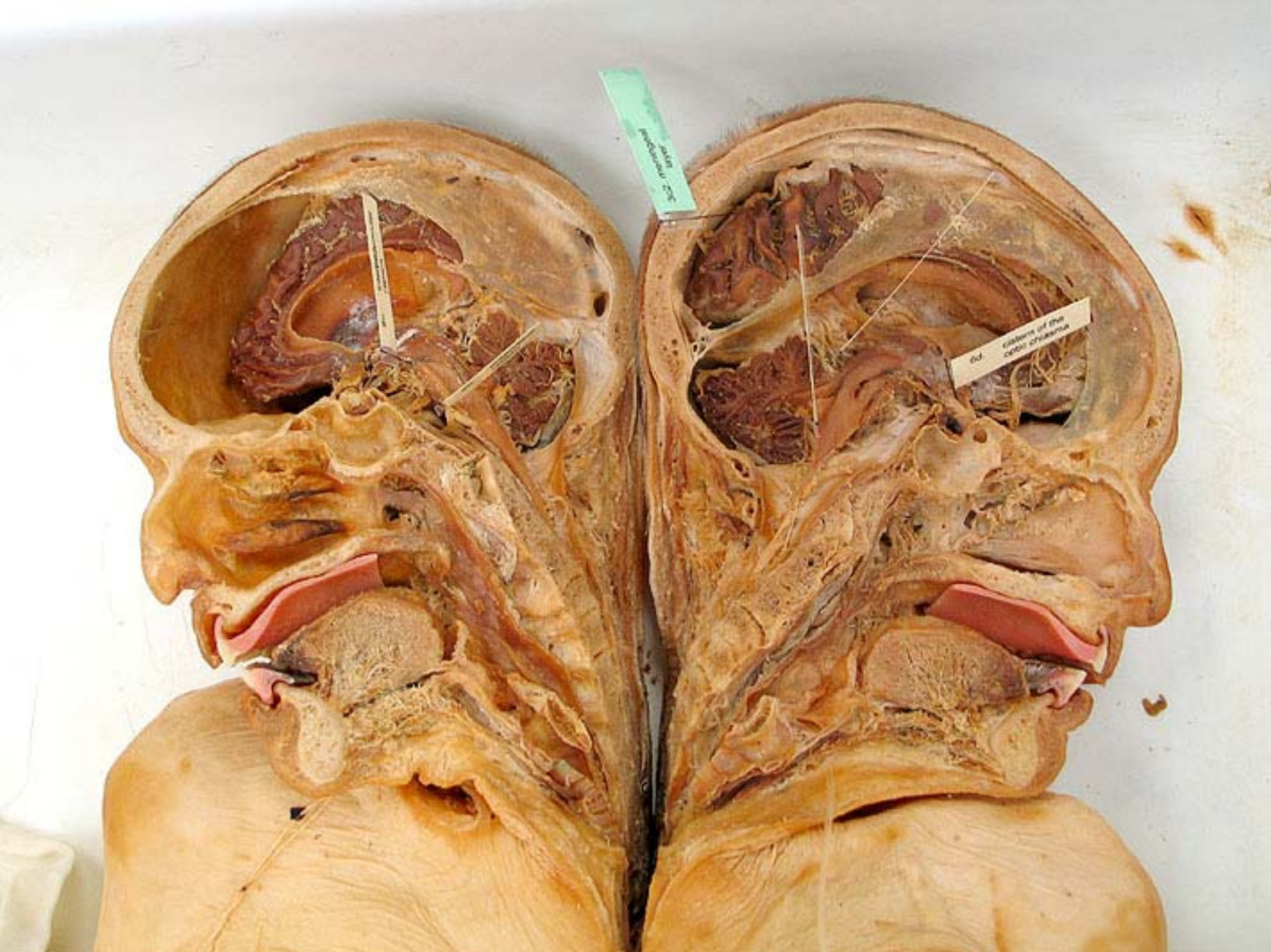

pontine cisterns
anterior and inferior)
4d. falx cerebelli
5b. inferior sagittal sinus
4a. falx cerebri

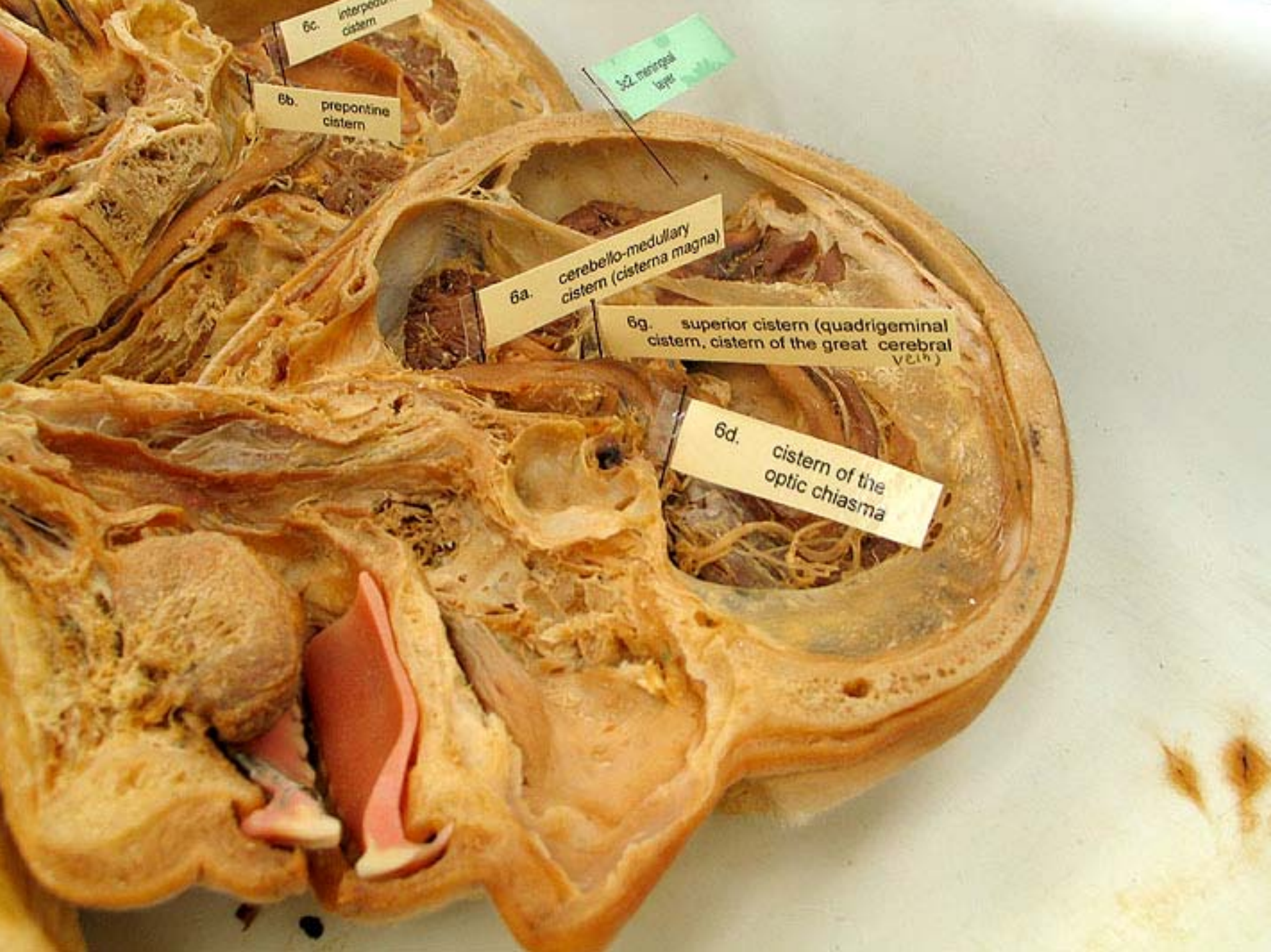
5c. straight sinus
5m. internal jugular vein
4b. tentorium cerebelli
3c. Cranial dura mater


5i. occipital sinus
5f. sigmoid sinus
5g. cavernoous sinuses

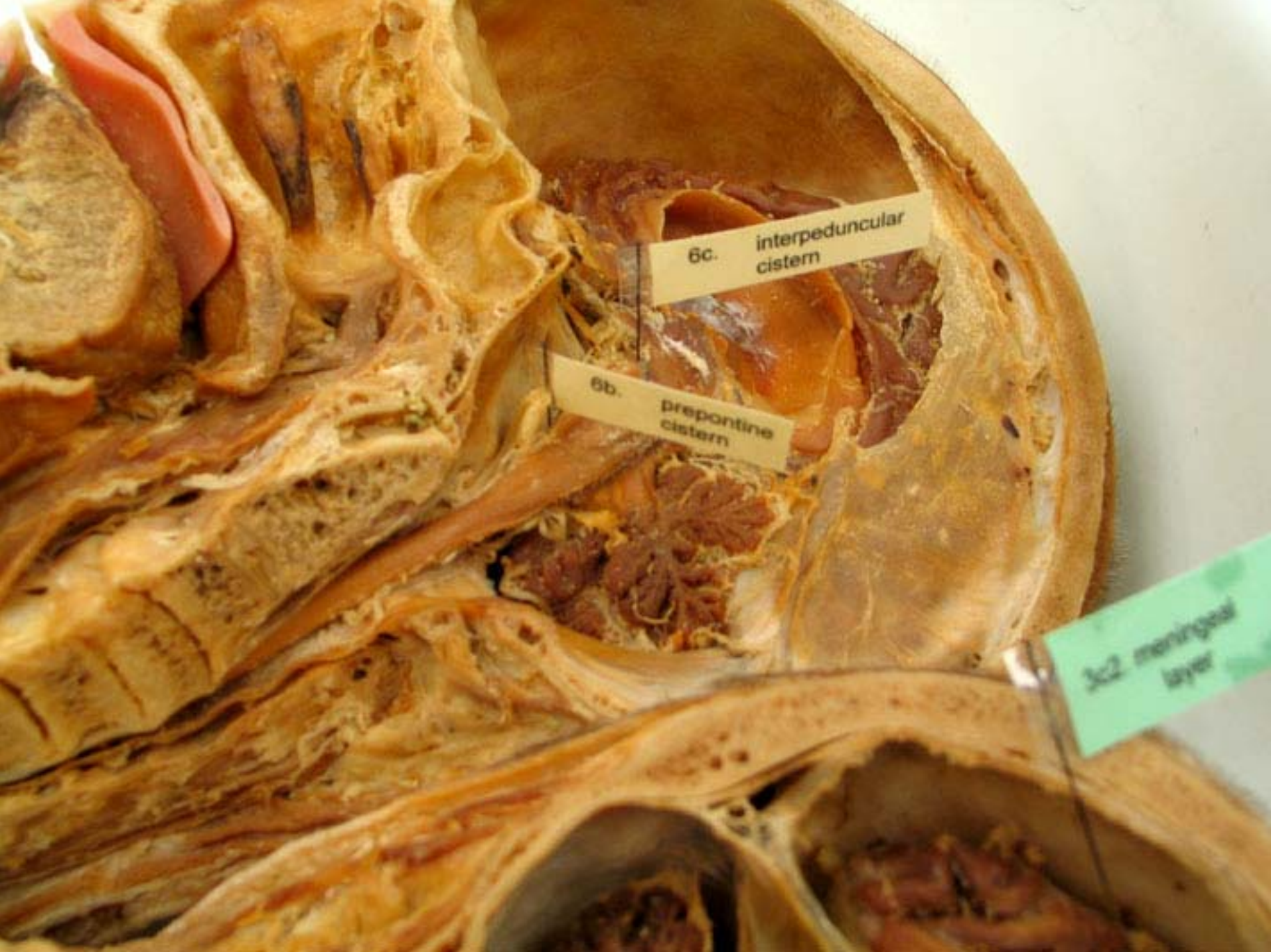

5g. cavernous sinuses
5k. basilar sinus

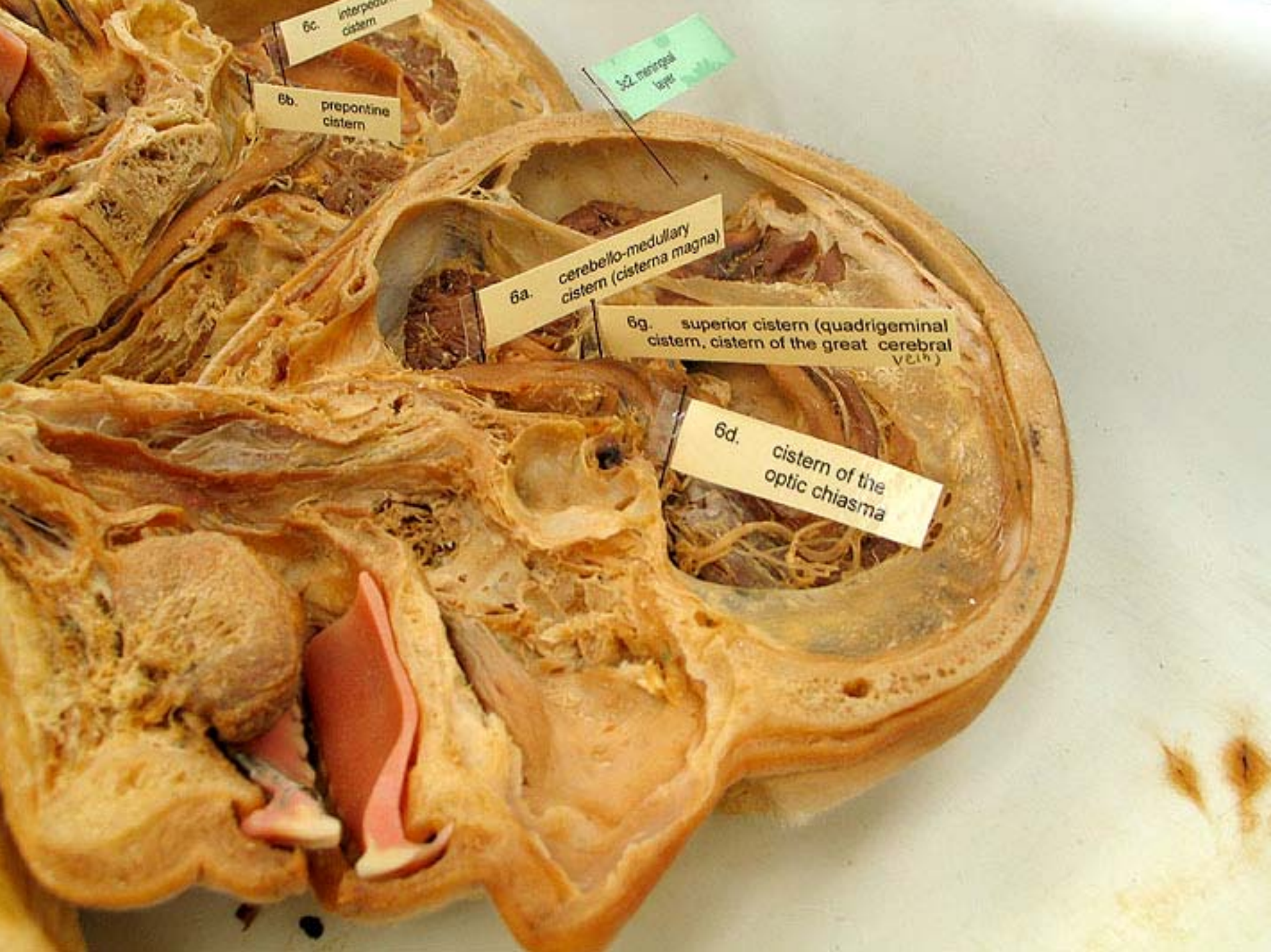
5h. intercavernous sinus (circular sinus)
5j. inferior petrosal sinus
5g. superior petrosal sinus

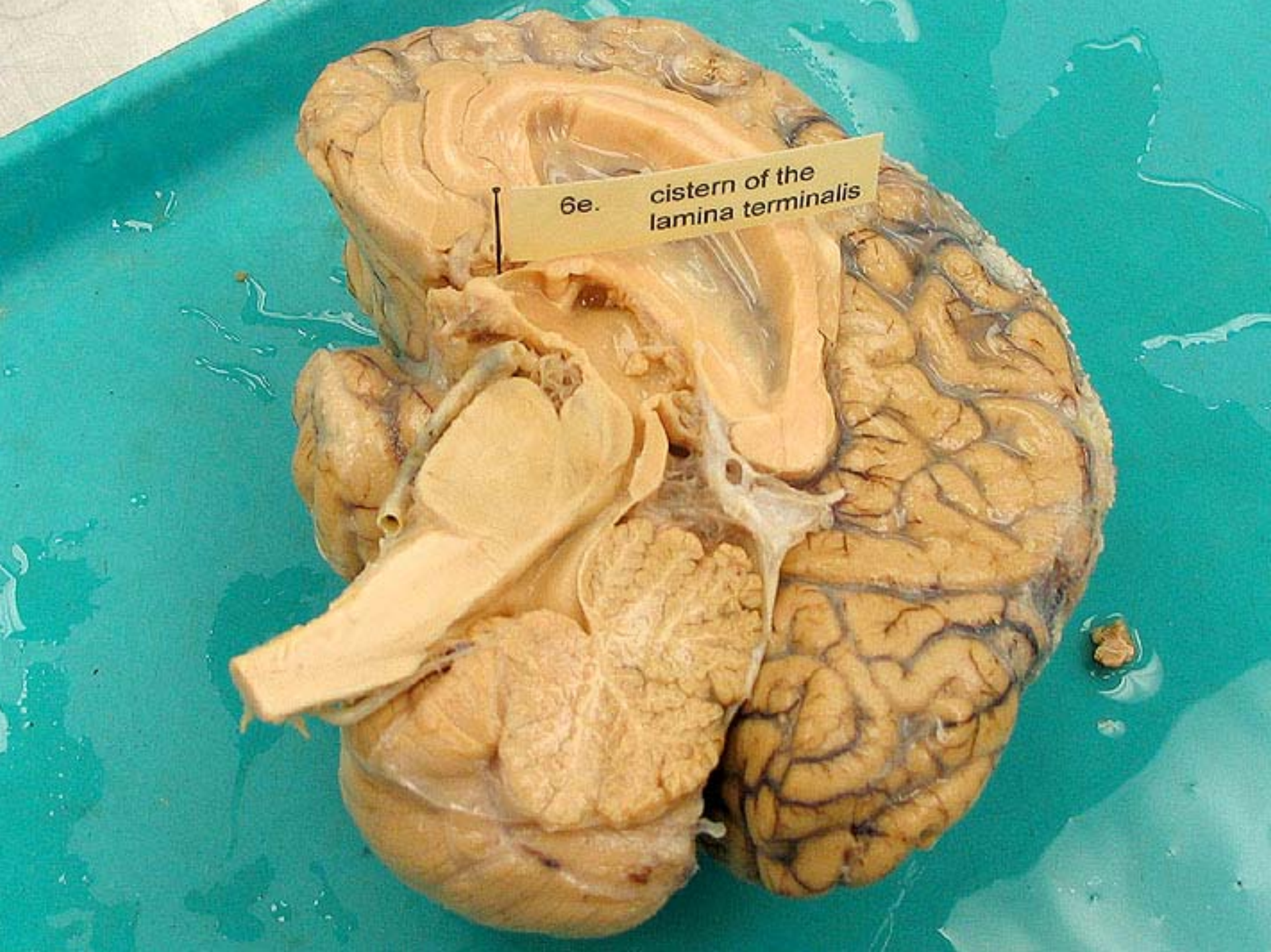

cistern of the
optic chiasma


6c. interpeduncular cistern
6b. prepontine cistern
6a. cerebello-medullary cistern (cisterna magna)
6g. superior cistern (quadrigeminal cistern, cistern of the great cerebral vein)
6d. cistern of the optic chiasma

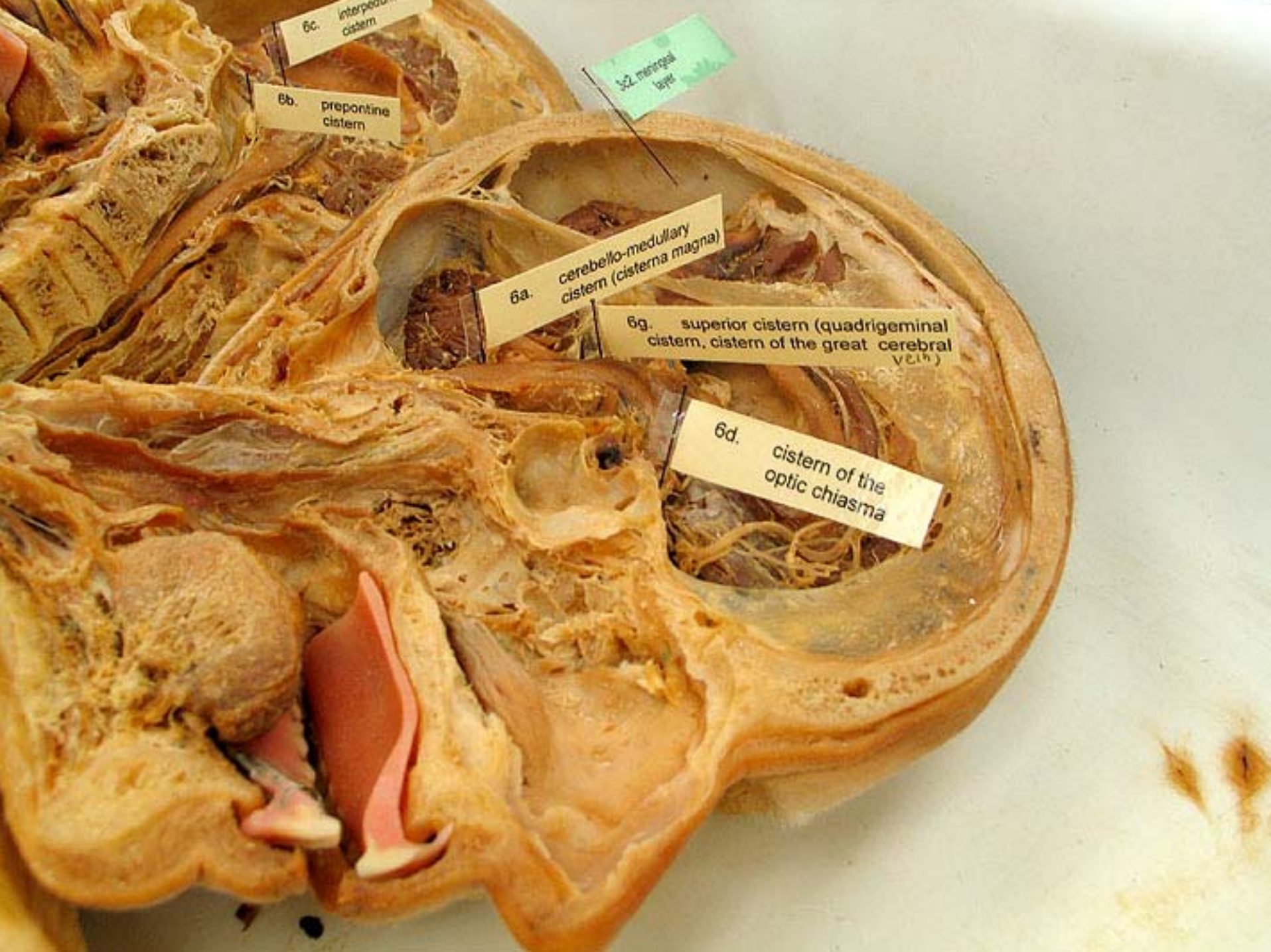

6c. interpeduncular cistern
6b. prepontine cistern
3c2. meningeal layer
6a. cerebello-medullary cistern (cisterna magna)

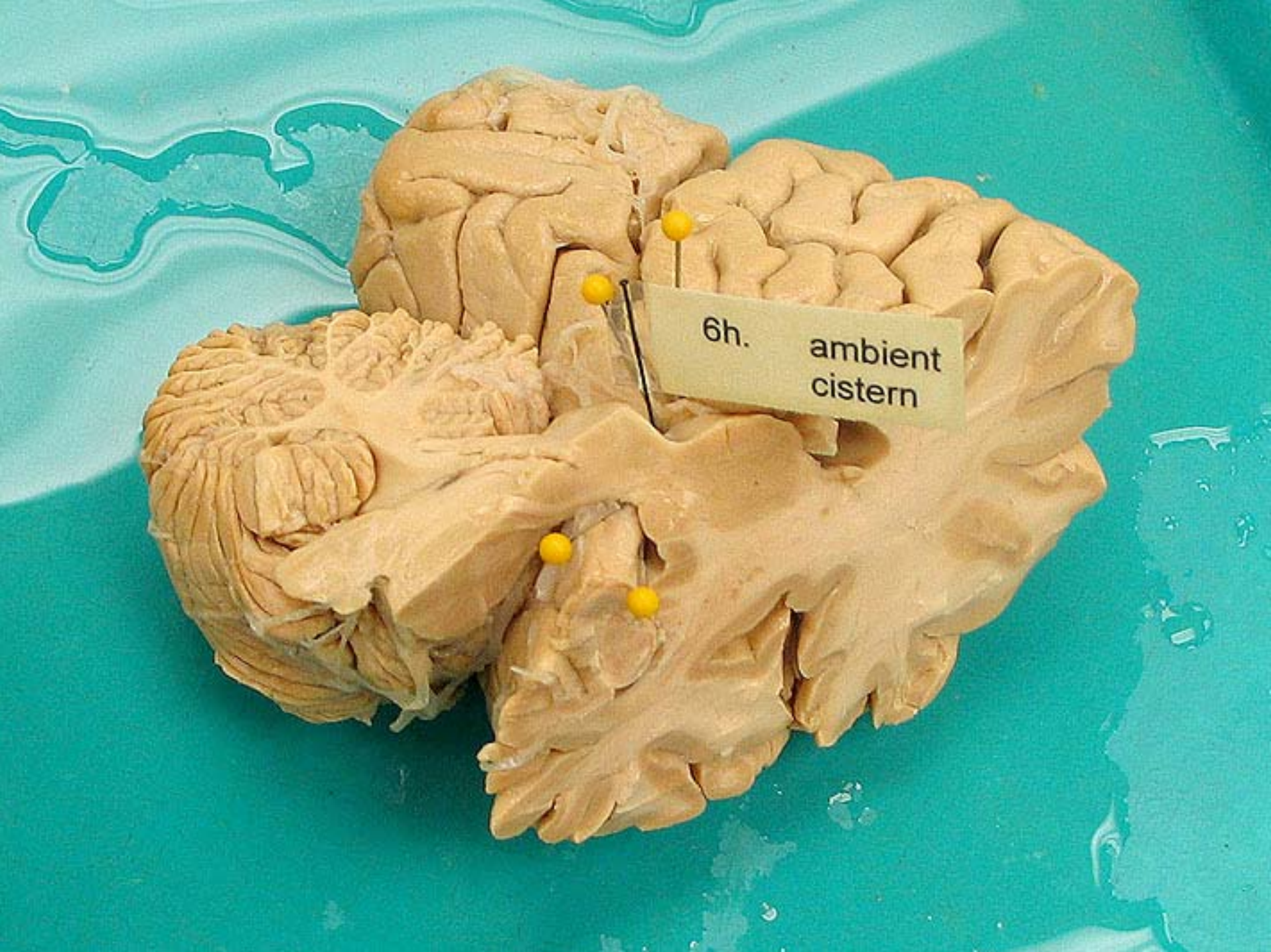

6c. interpeduncular cistern
6b. prepontine cistern

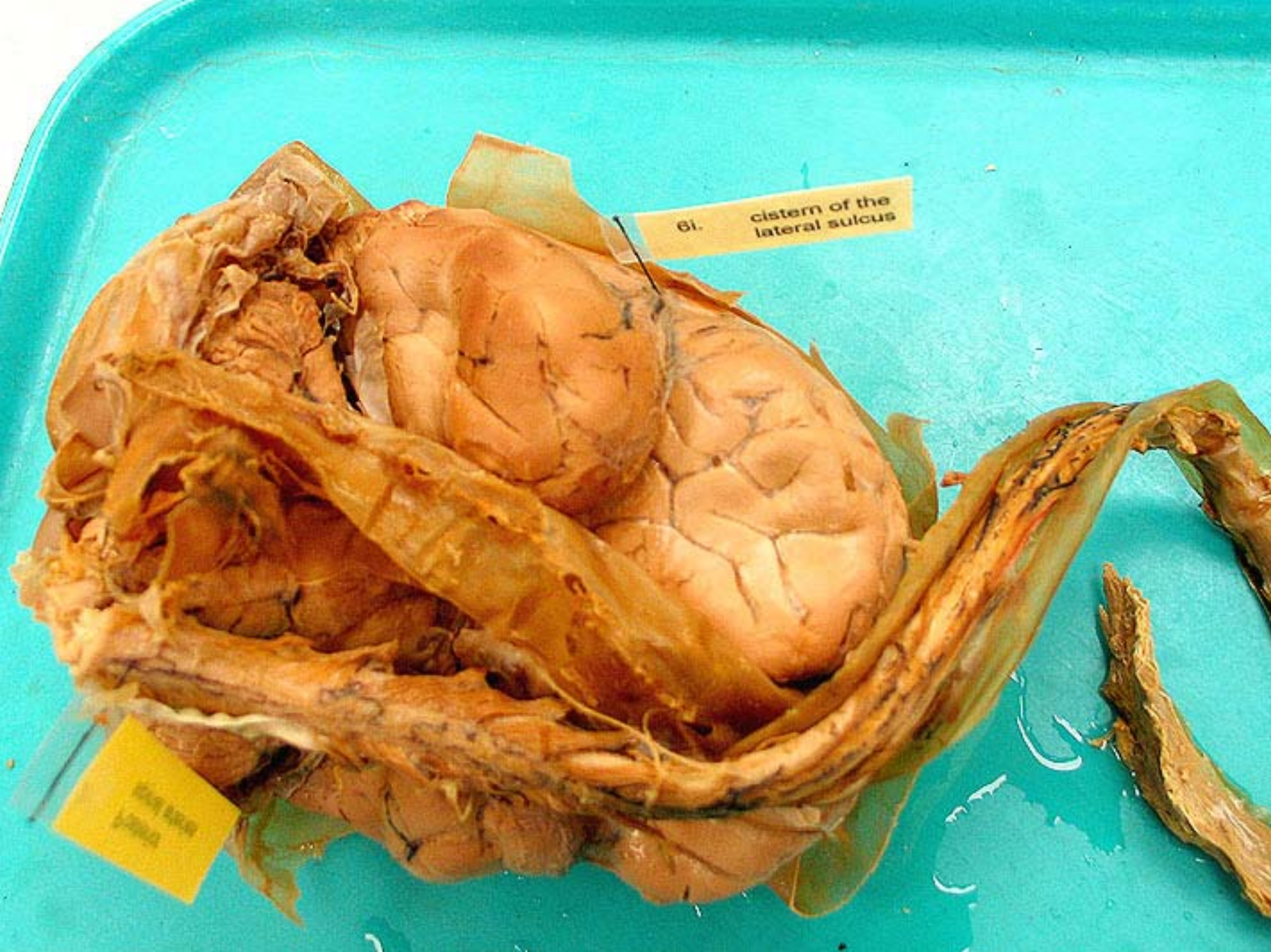

6c. interpeduncular cistern
6b. prepontine cistern
6a. cerebello-medullary cistern (cisterna magna)
6g. superior cistern (quadrigeminal cistern, cistern of the great cerebral vein)
6d. cistern of the optic chiasma


6e. cistern of the lamina terminalis


4e. diaphragma sellae
6f. cistern of the corpus callosum
6j. cerebellopontine cisterna (superior and inferior)


6c. interpeduncular cistern
6b. prepontine cistern
6a. cerebello-medullary cistern (cisterna magna)
6g. superior cistern (quadrigeminal cistern, cistern of the great cerebral vein)
6d. cistern of the optic chiasma


6h. ambient cistern


6i. cistern of the lateral sulcus


6i. arachnoid villi (granulations)
39. pia mater


6r. cistern of the corpus callosum
6j. cerebellopontine cisterns (superior and inferior)
4d. falx cerebelli


6k. lumbar cistern
(spinal cistern)