

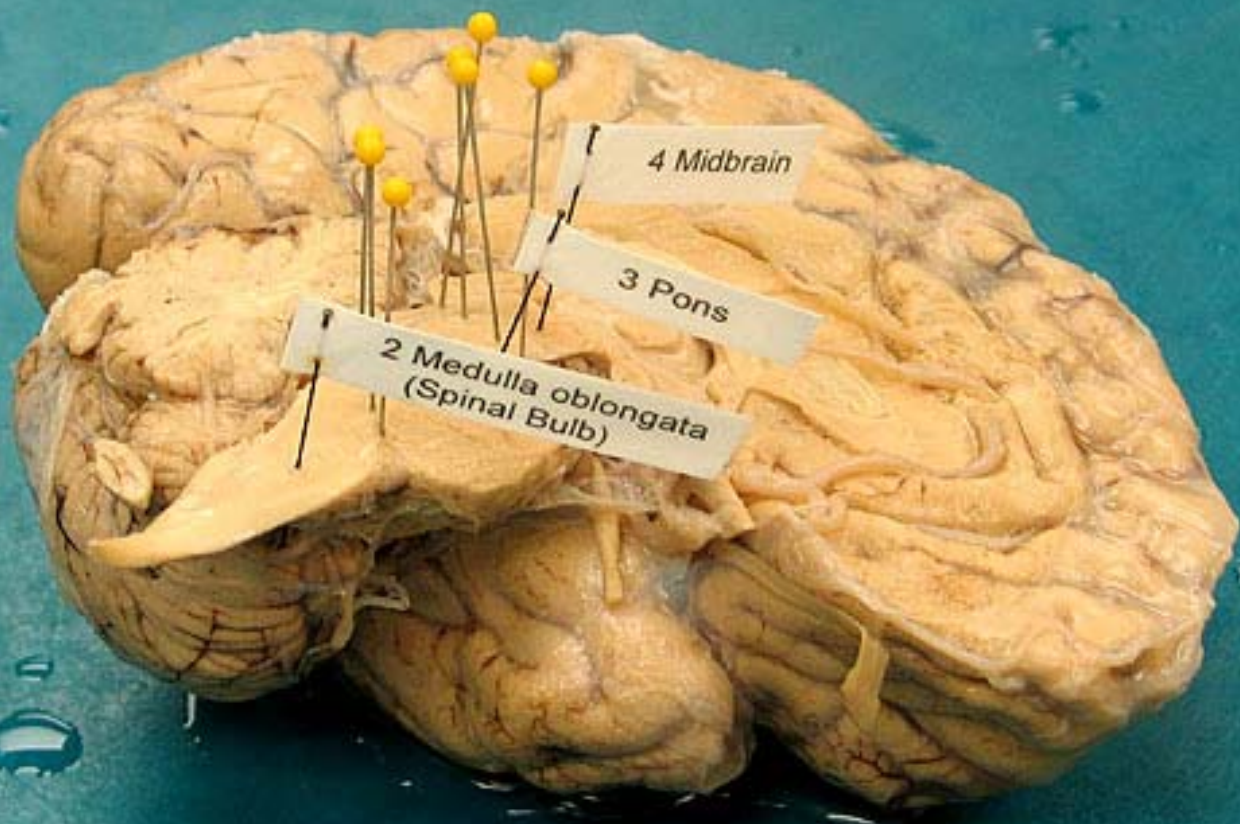
**NOP-ANTR 552 – Spring 2004**

**Introductory Laboratory  
Objectives**



1 Spinal roots of spinal nerves





4 Midbrain

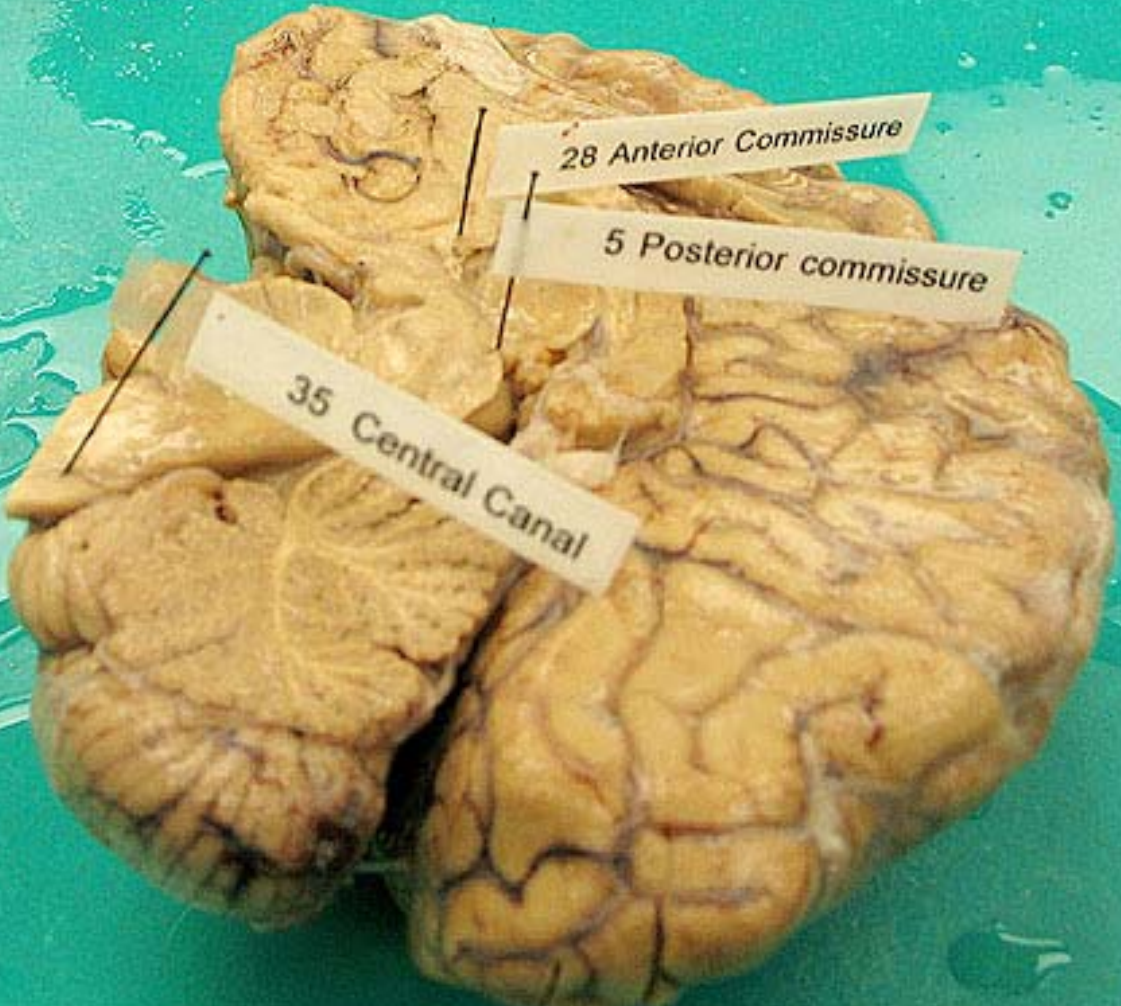
3 Pons

2 Medulla oblongata  
(Spinal Bulb)



35 Central Canal

14 Pontocerebellar angle



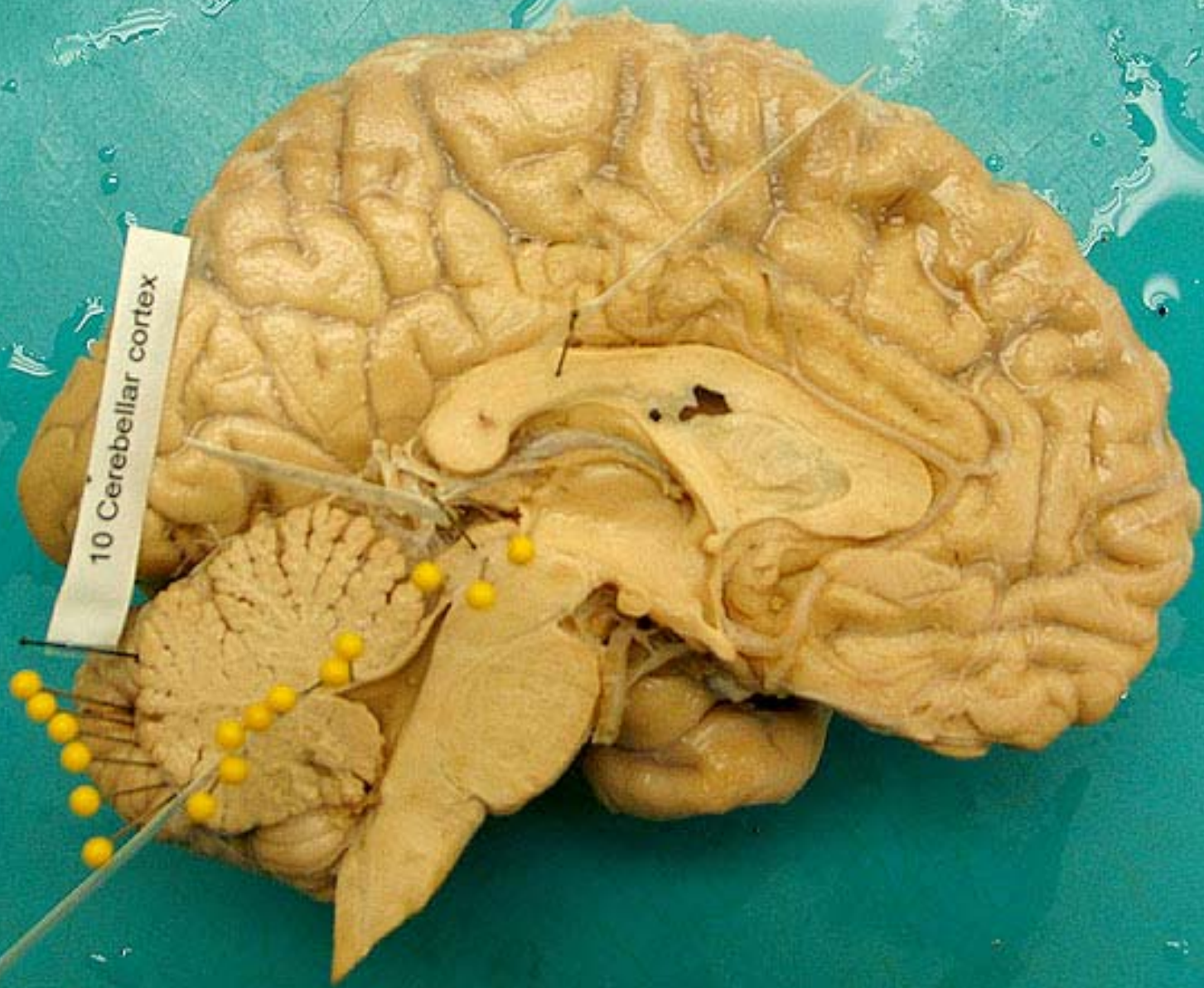
28 Anterior Commissure

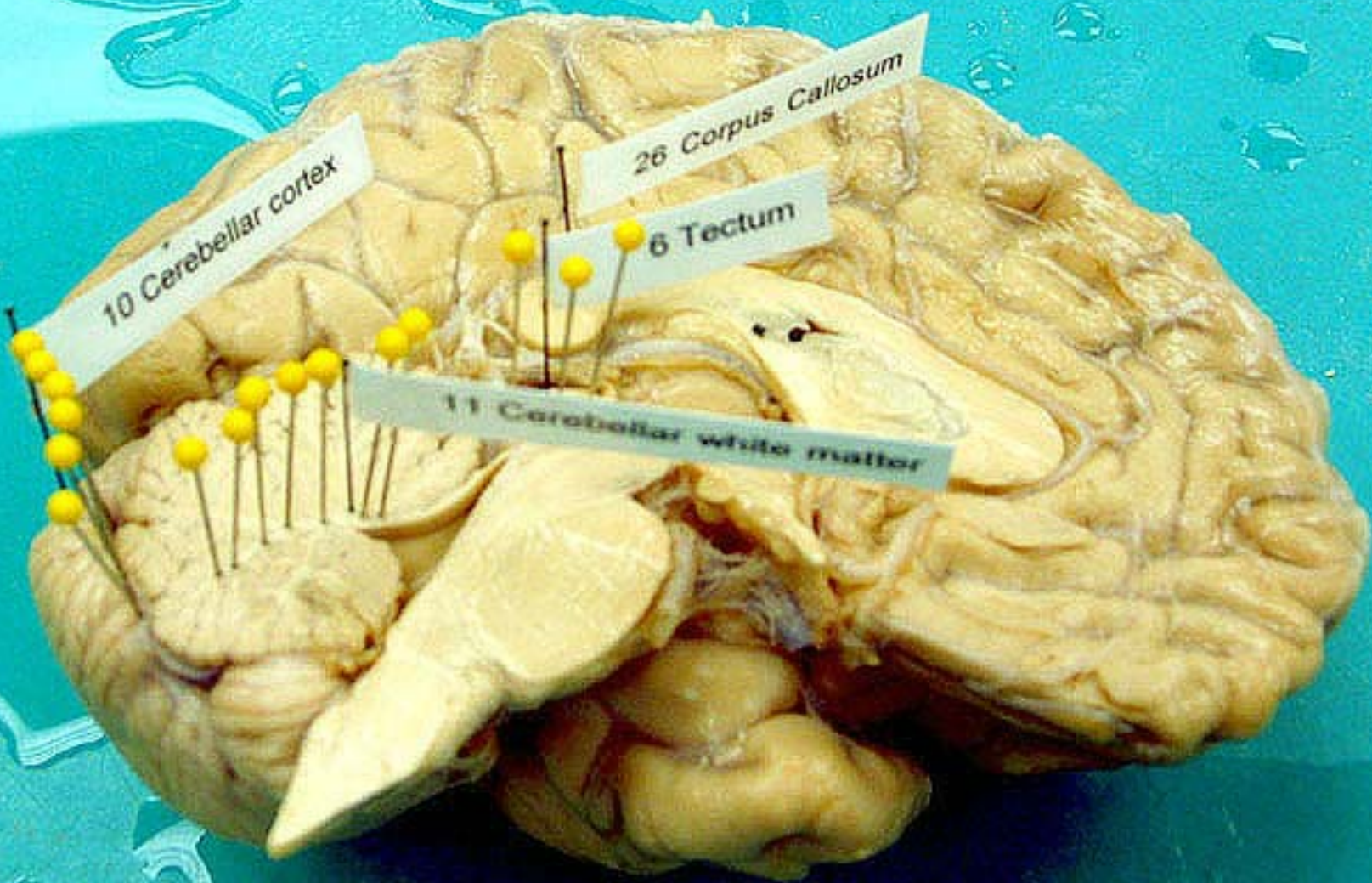
This image shows a coronal section of a human brain specimen, likely a cadaveric specimen, resting on a green plastic tray. The brain is yellowish-tan in color and shows the characteristic gyri and sulci of the cerebral cortex. Three labels with black lines pointing to specific structures are visible: '28 Anterior Commissure' points to the white matter tract connecting the two hemispheres anteriorly; '5 Posterior commissure' points to the white matter tract connecting the two hemispheres posteriorly; and '35 Central Canal' points to the central canal of the spinal cord, which is continuous with the fourth ventricle of the brain.

5 Posterior commissure

35 Central Canal

10 Cerebellar cortex





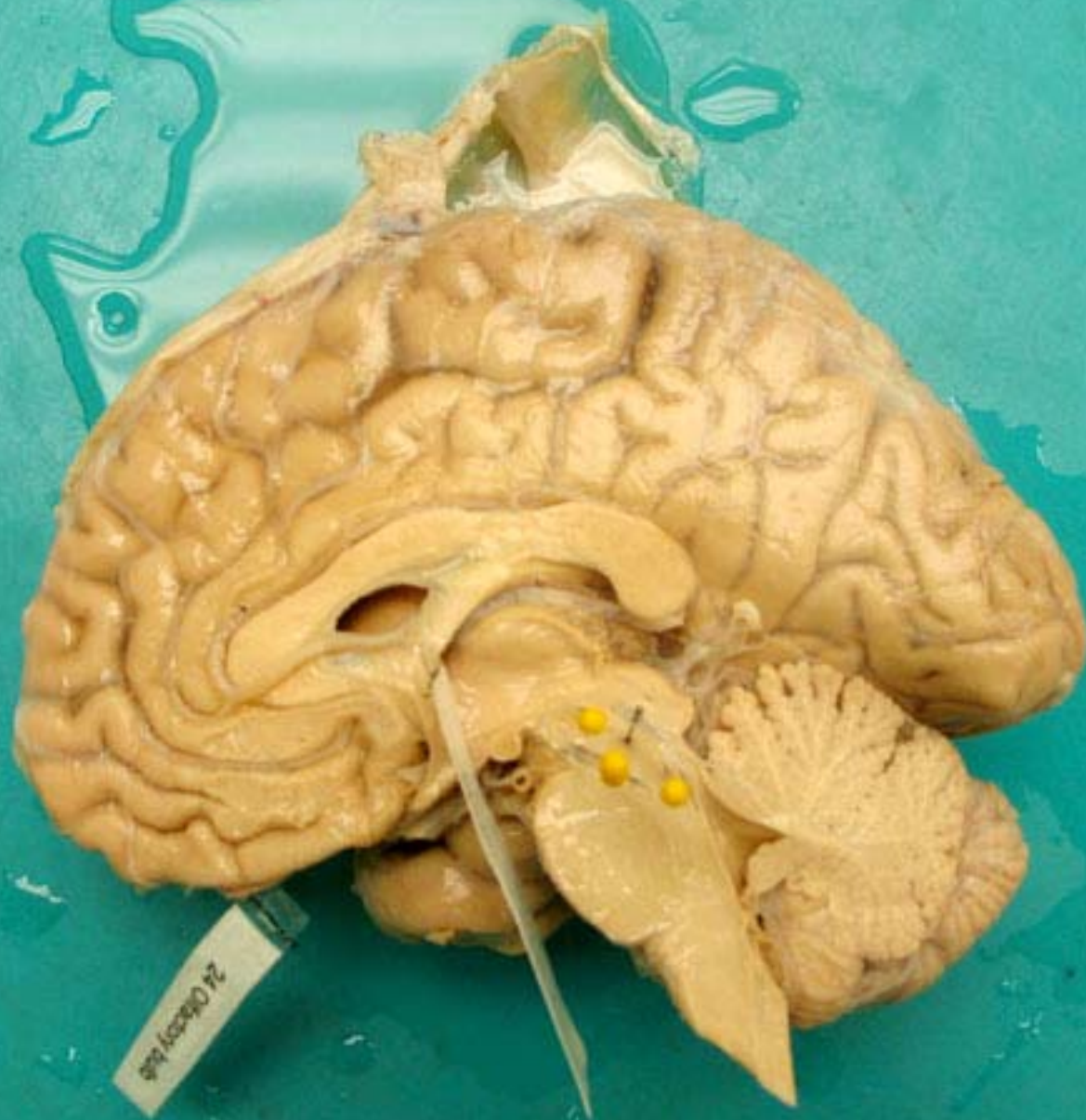


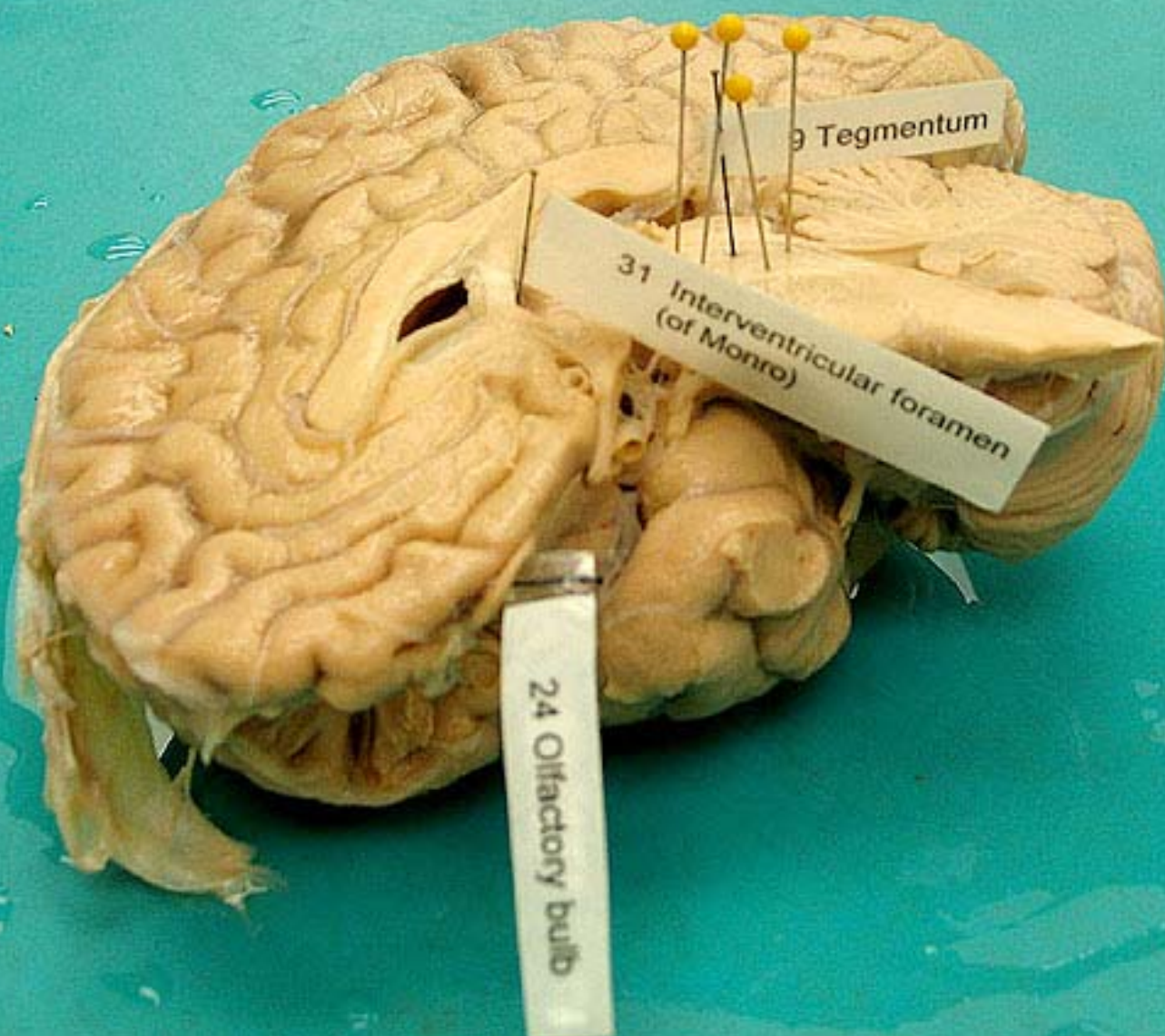


7 Superior Colliculus

This image shows a dissected human brain specimen, specifically the midbrain region, resting on a teal-colored tray. The brain tissue is a pale yellowish-tan color. The superior colliculus is the larger, more rounded structure on the left, while the inferior colliculus is the smaller, more elongated structure on the right. Both structures have a highly convoluted, gyri-like surface. The brain is partially submerged in a liquid, likely saline, which is visible on the tray. Two white labels with black text are placed on the brain, with thin black lines pointing to the specific structures. The label '7 Superior Colliculus' points to the larger structure, and the label '8 Inferior Colliculus' points to the smaller structure.

8 Inferior Colliculus



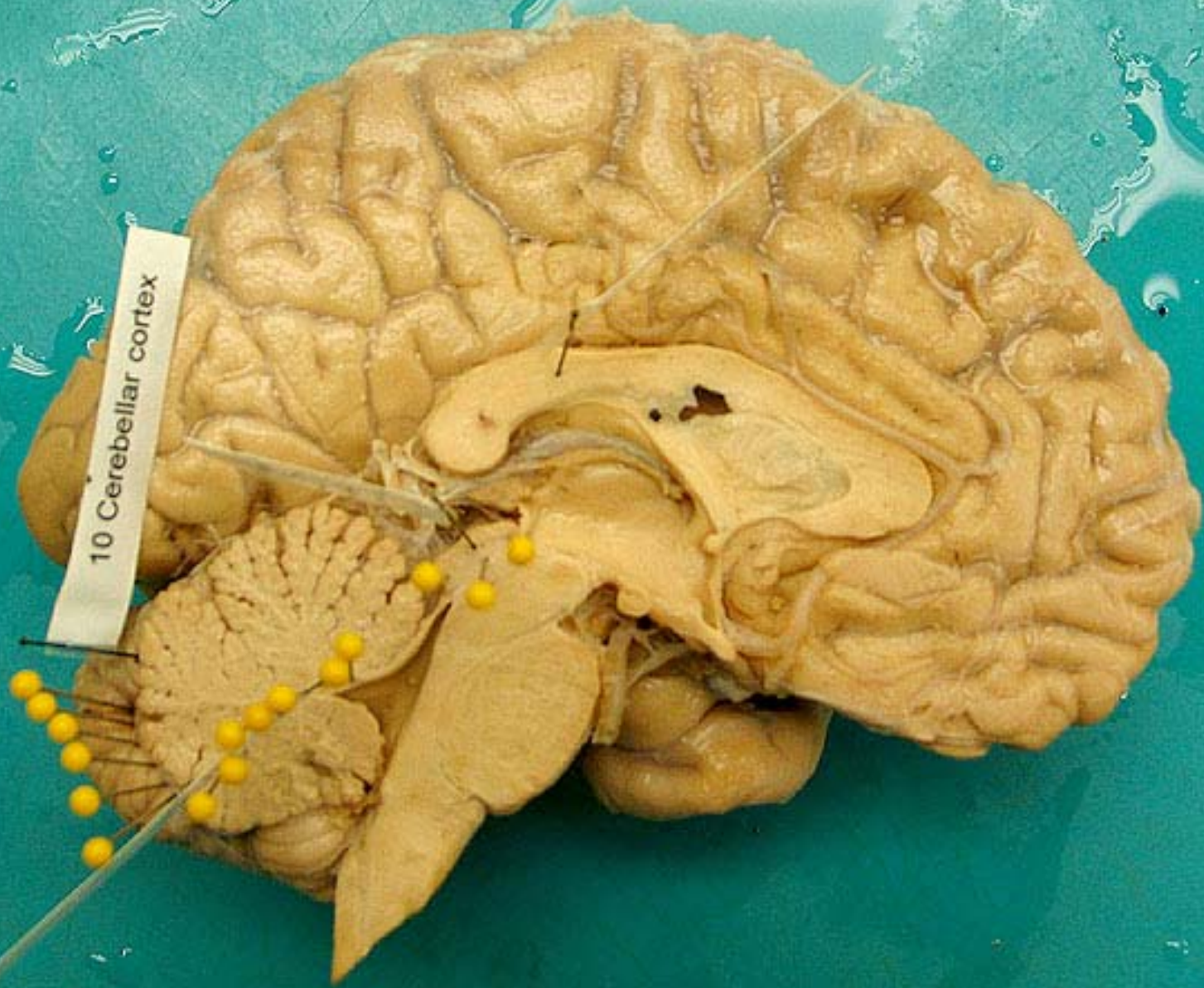


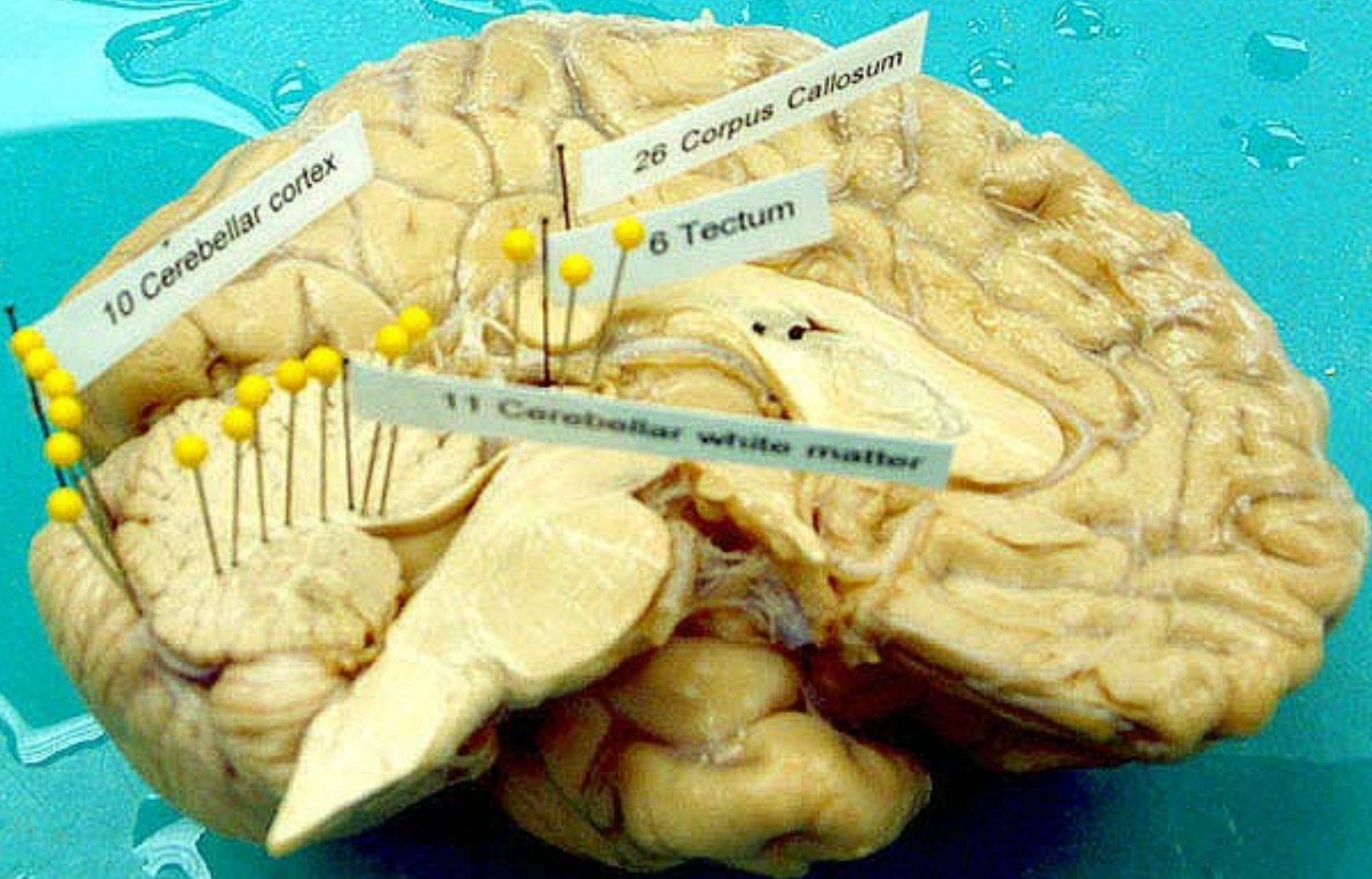
9 Tegmentum

31 Interventricular foramen  
(of Monro)

24 Olfactory bulb

10 Cerebellar cortex







12 Deep cerebellar nuclei

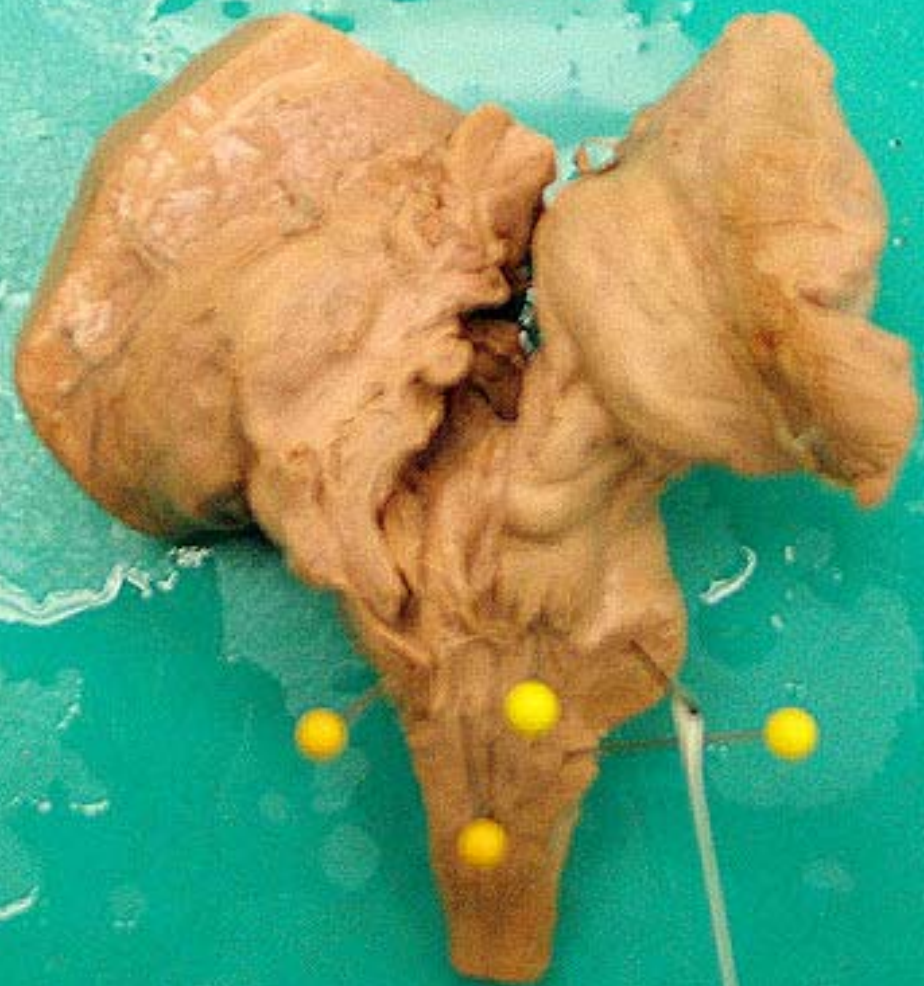




13 Cerebellar peduncle



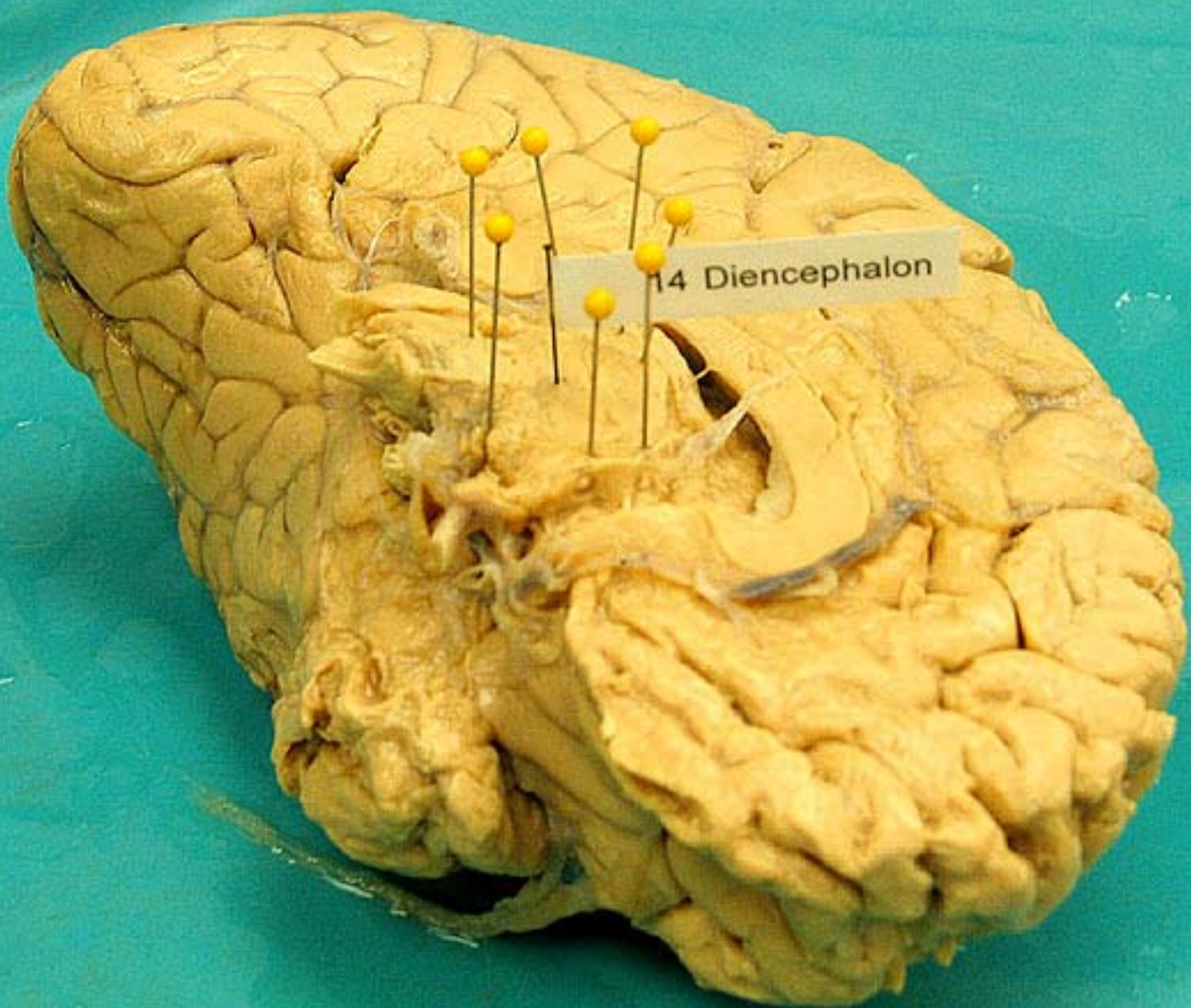
13 Cerebellar peduncle





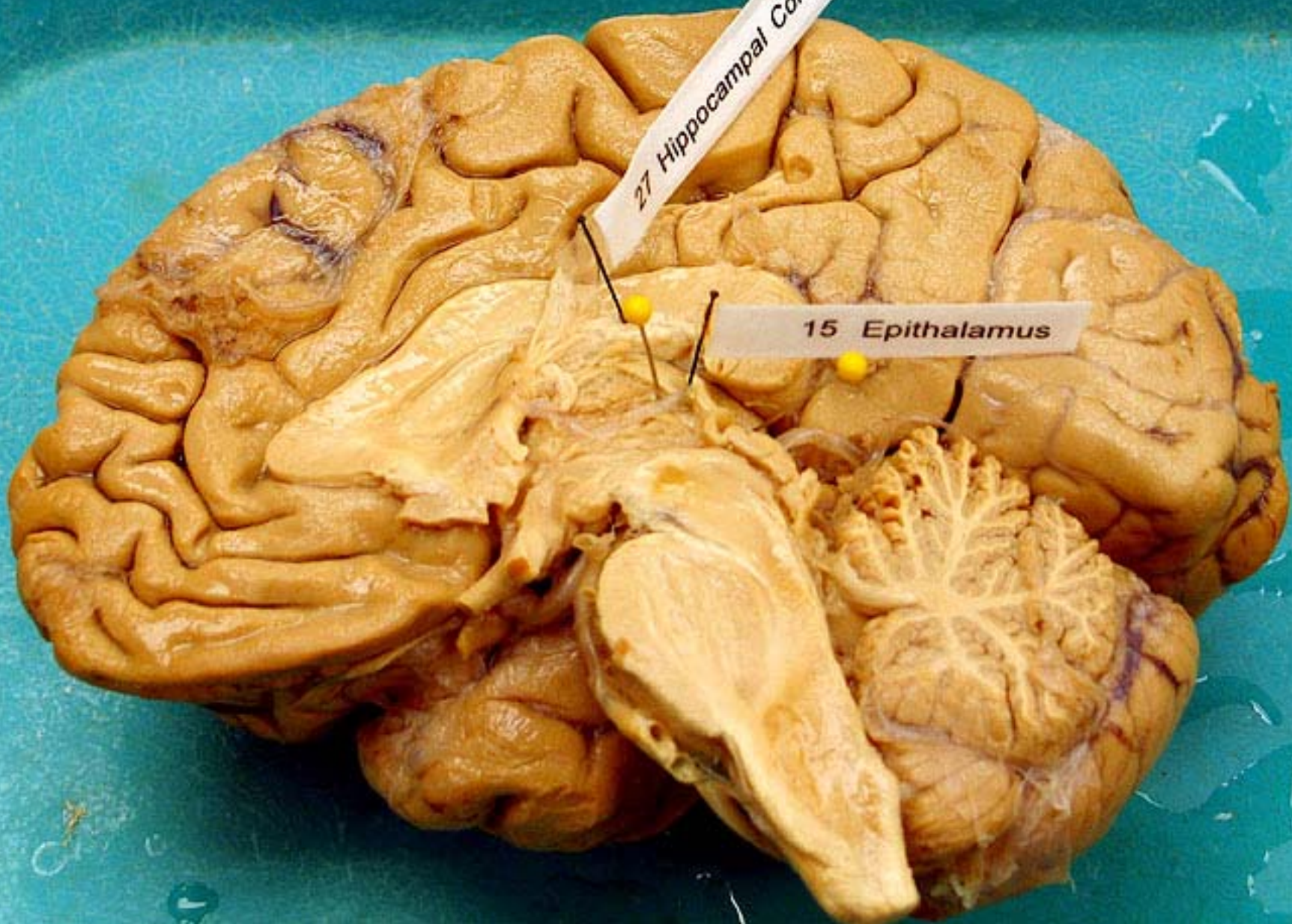
13 Cerebellar peduncle





27 Hippocampal Commissure

15 Epithalamus

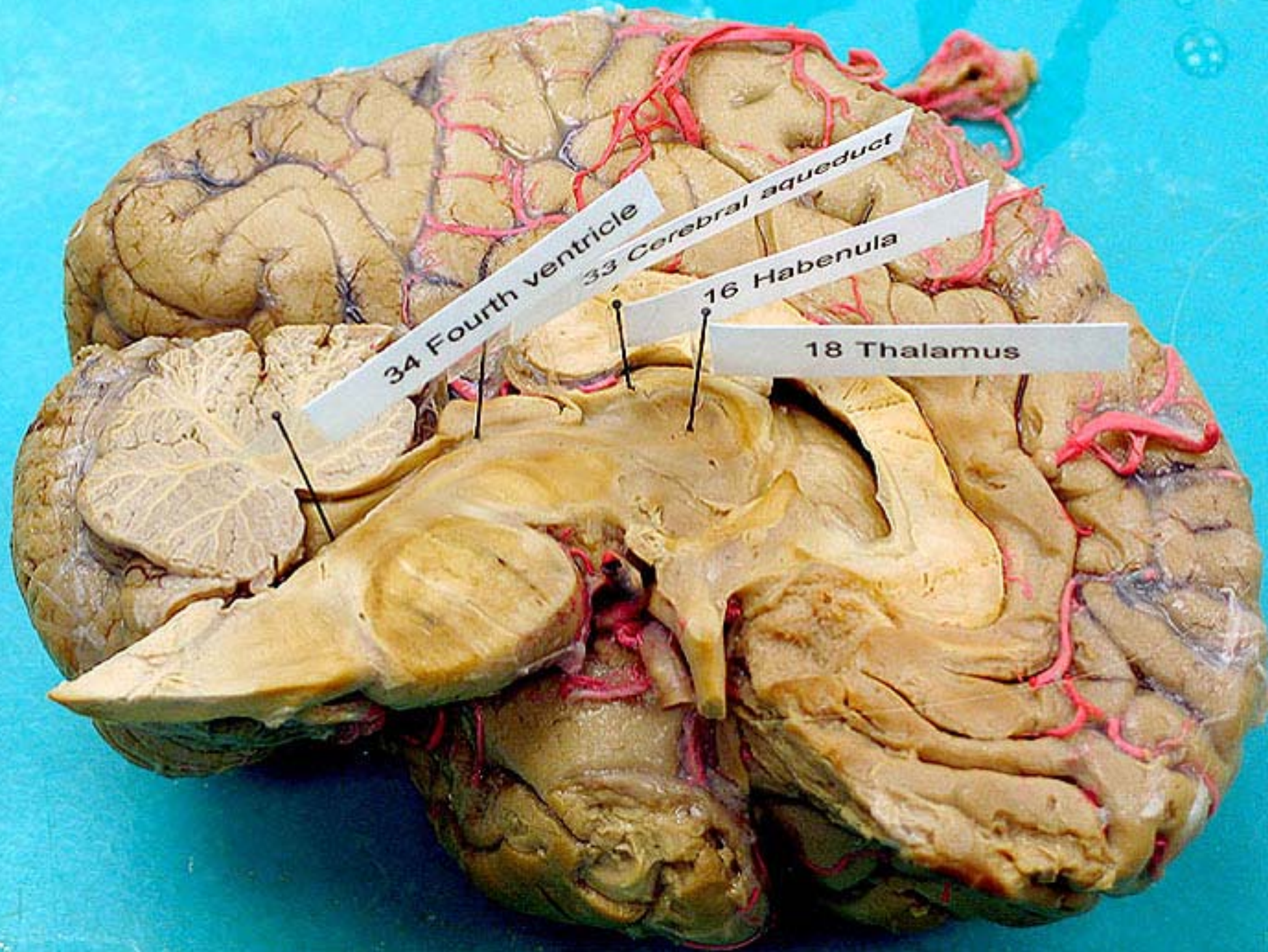




27 Hippocampal Commissure

15 Epithalamus





34 Fourth ventricle

33 Cerebral aqueduct

16 Habenula

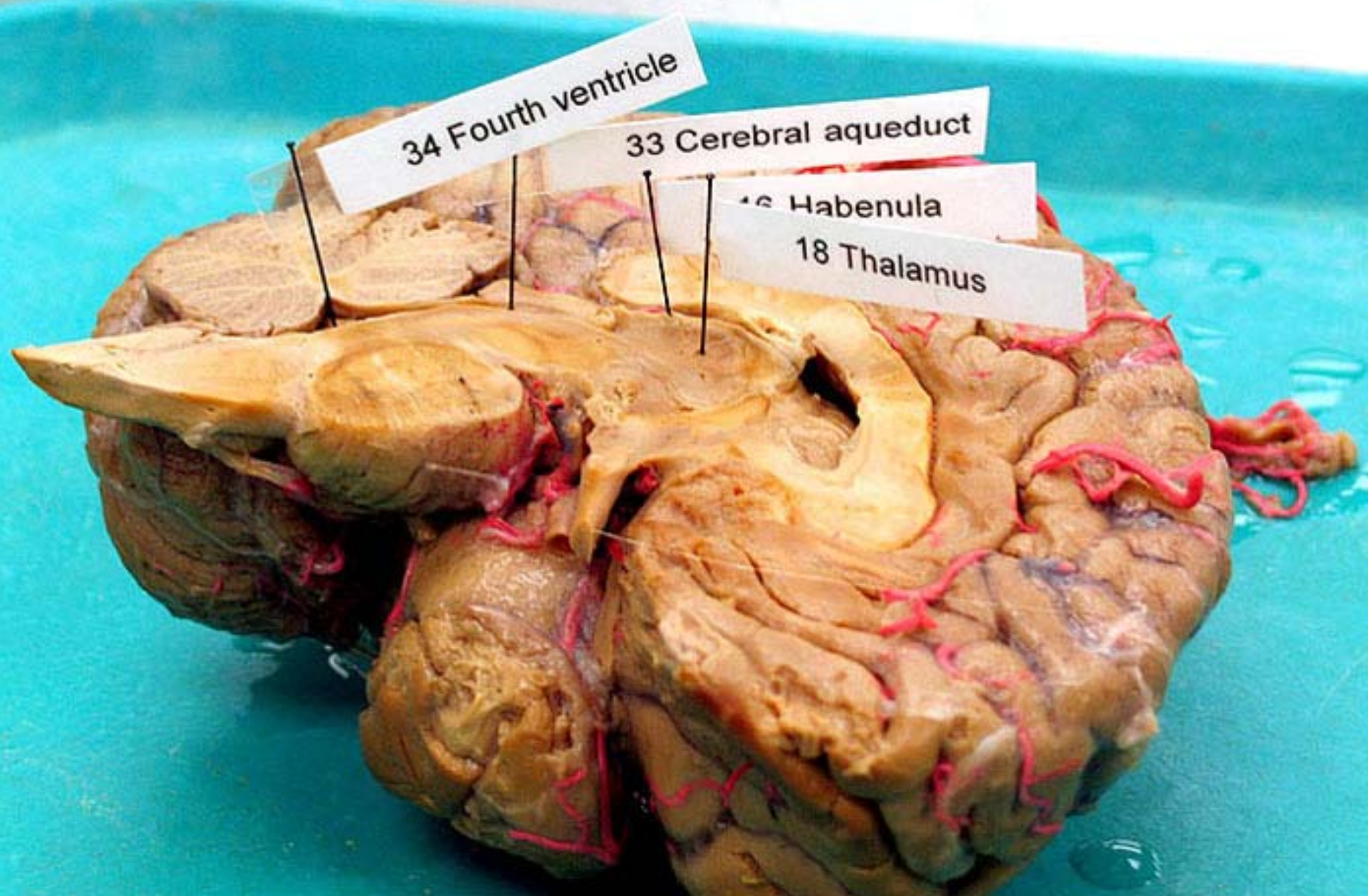
18 Thalamus

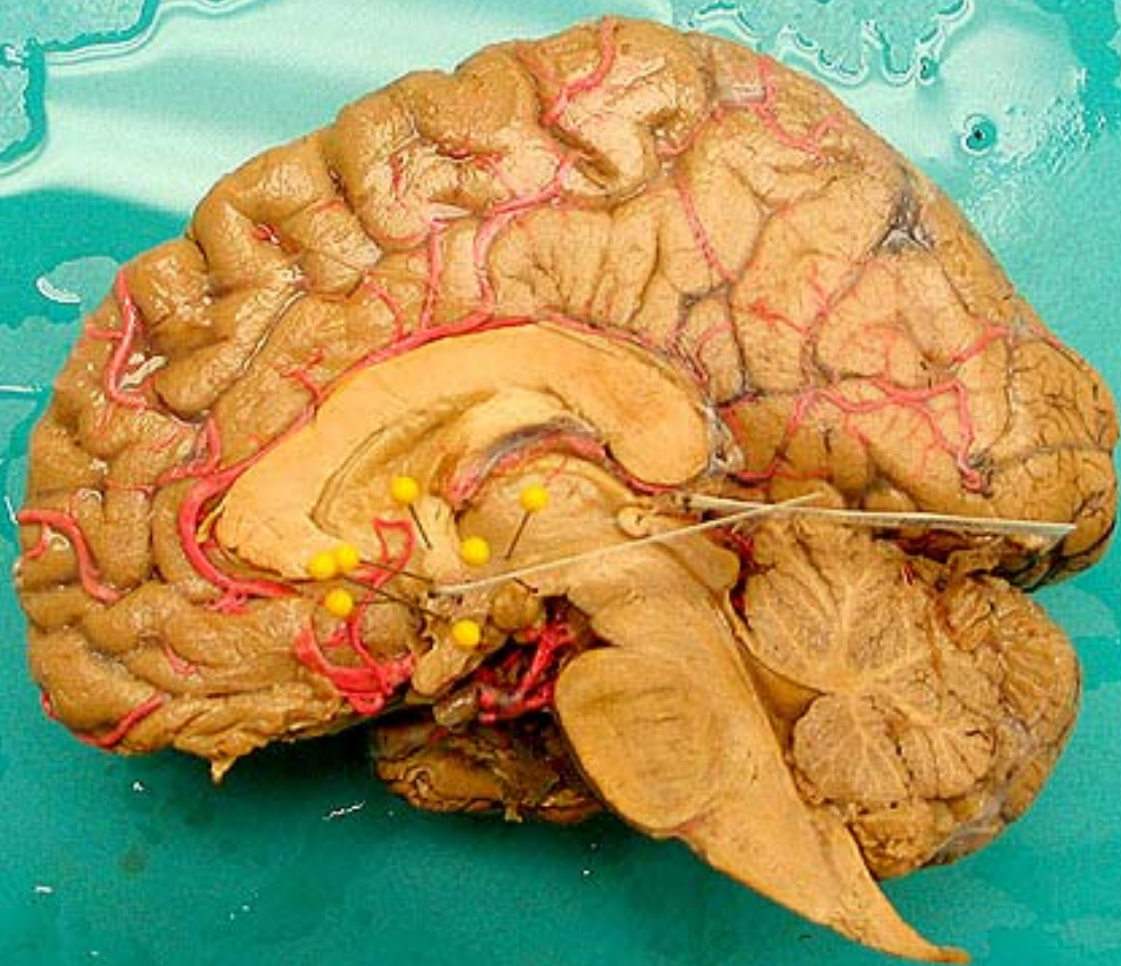
34 Fourth ventricle

33 Cerebral aqueduct

16 Habenula

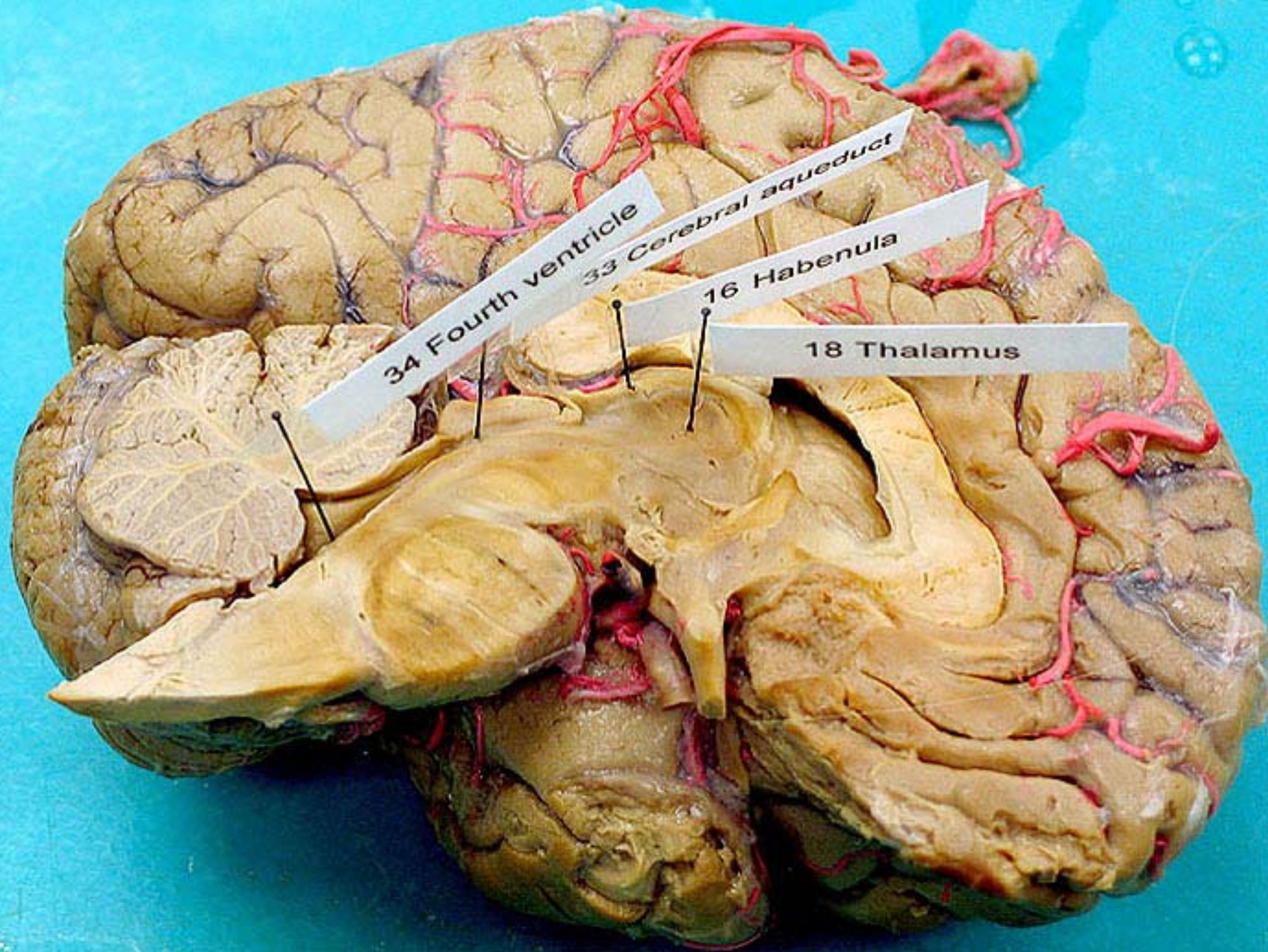
18 Thalamus











34 Fourth ventricle

33 Cerebral aqueduct

16 Habenula

18 Thalamus

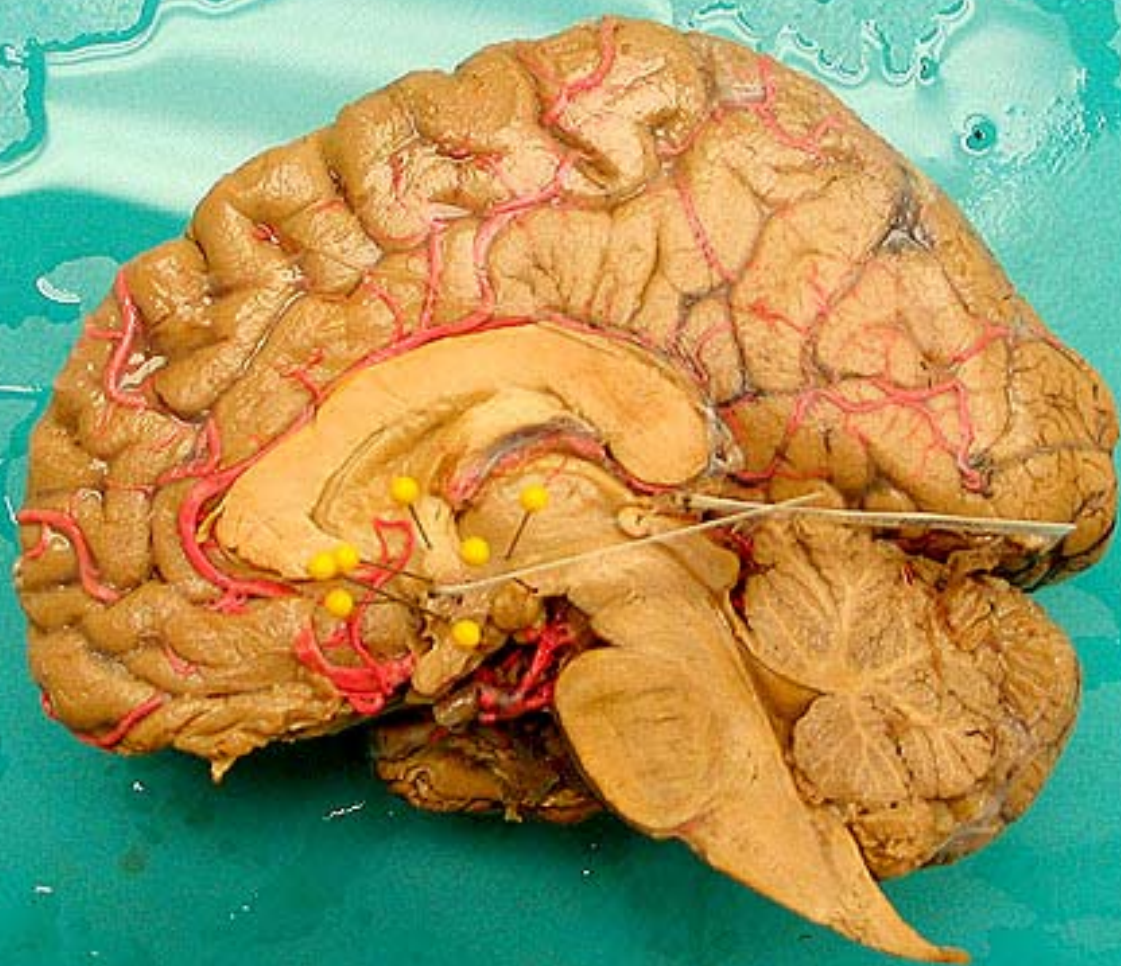
34 Fourth ventricle

33 Cerebral aqueduct

16 Habenula

18 Thalamus







19 Hypothalamus

17 Pineal body  
(Epiphysis)



20 Pituitary  
(Hypophysis)

21 Pituitary stalk  
(infundibulum)

21 Pituitary stalk  
(infundibulum)

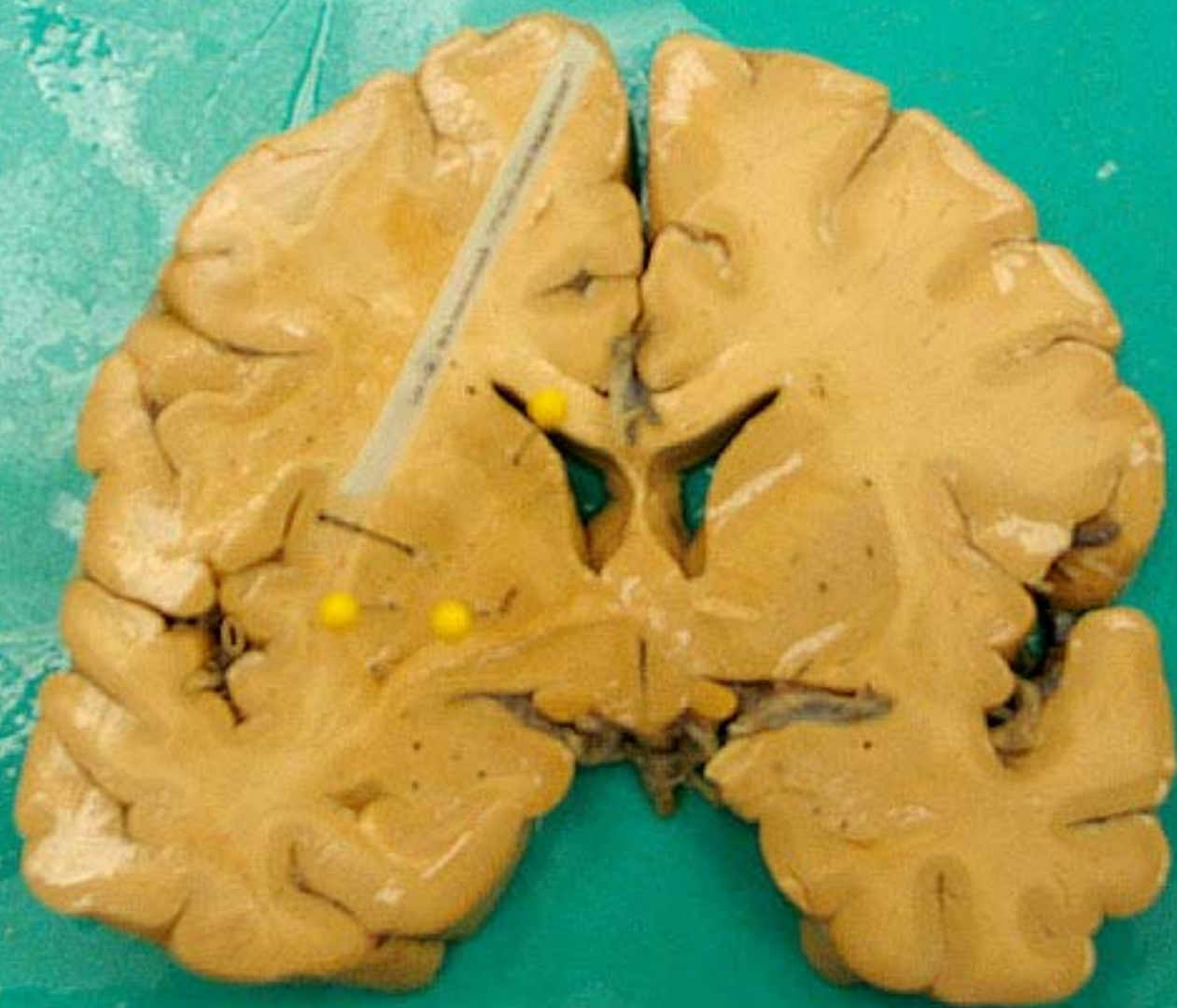




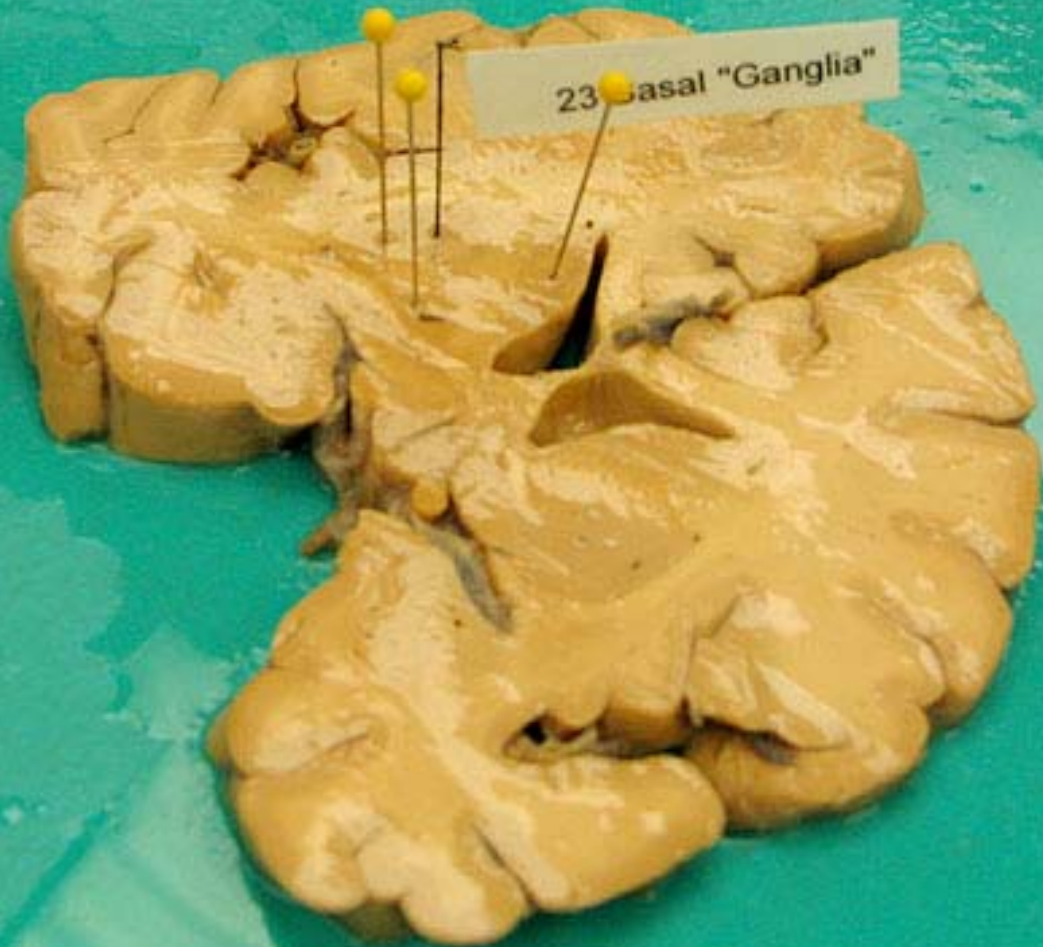


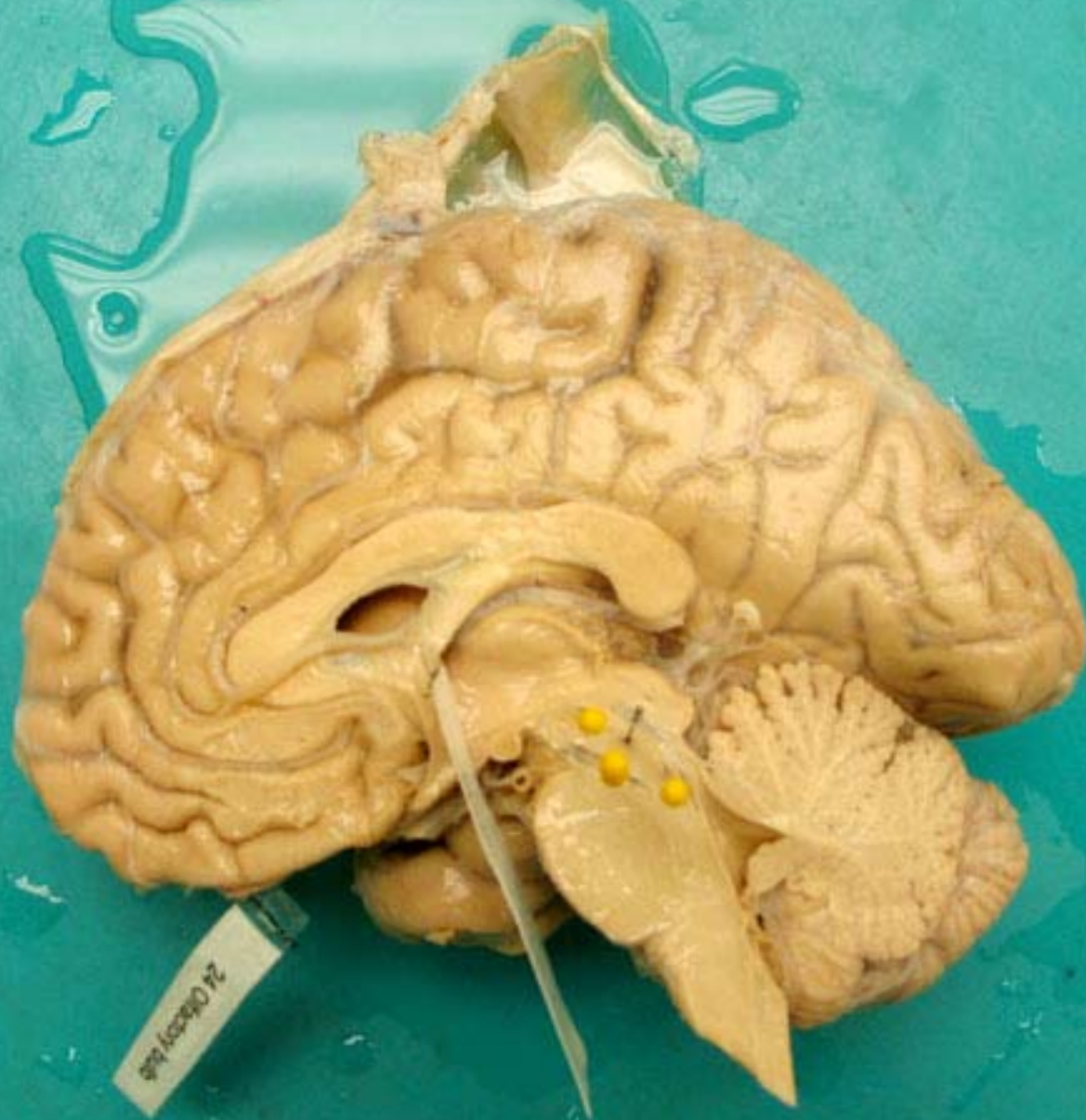
22 Cerebral cortex

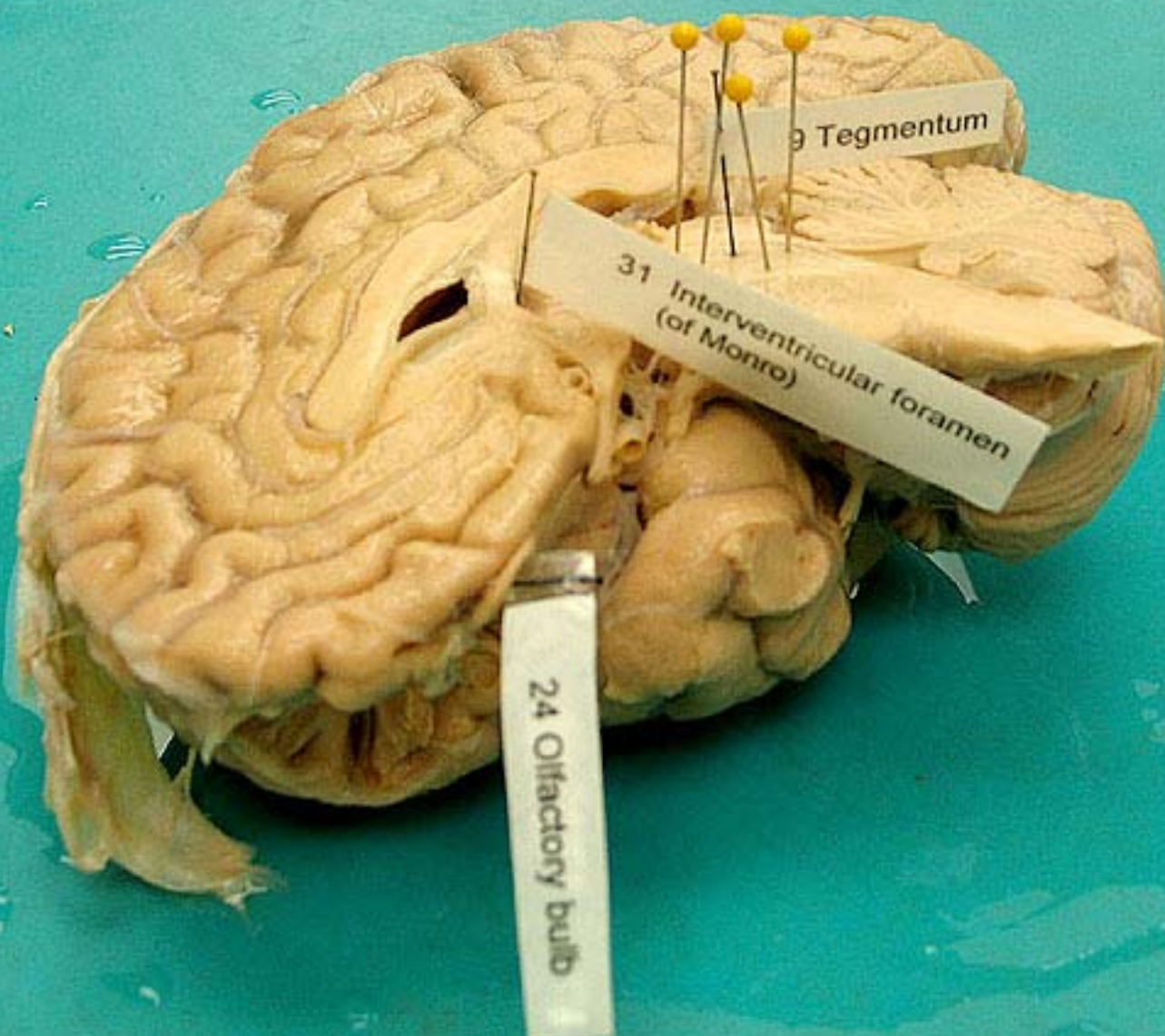
25 Cerebral White matter



23 Basal "Ganglia"







9 Tegmentum

31 Interventricular foramen  
(of Monro)

24 Olfactory bulb

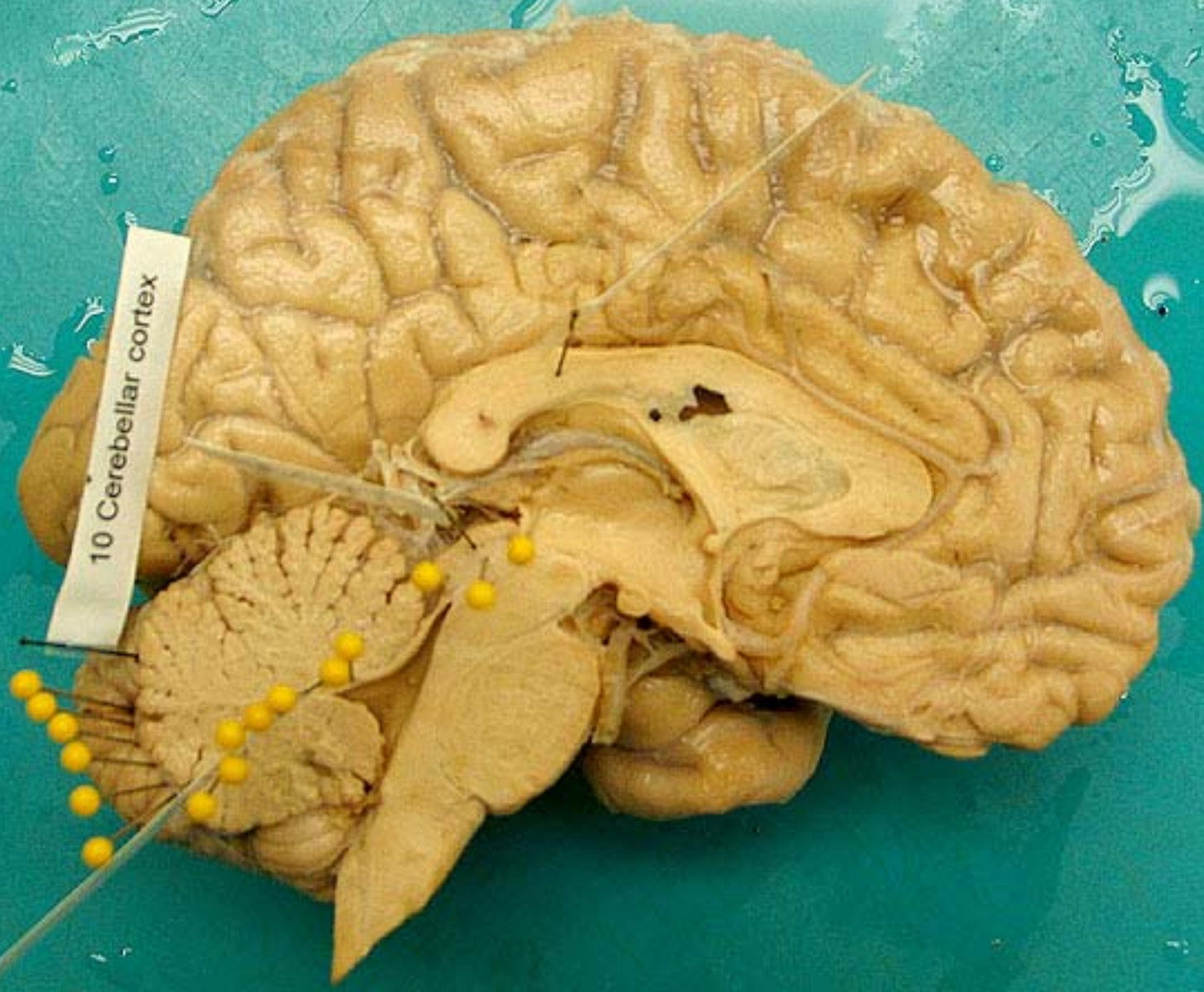


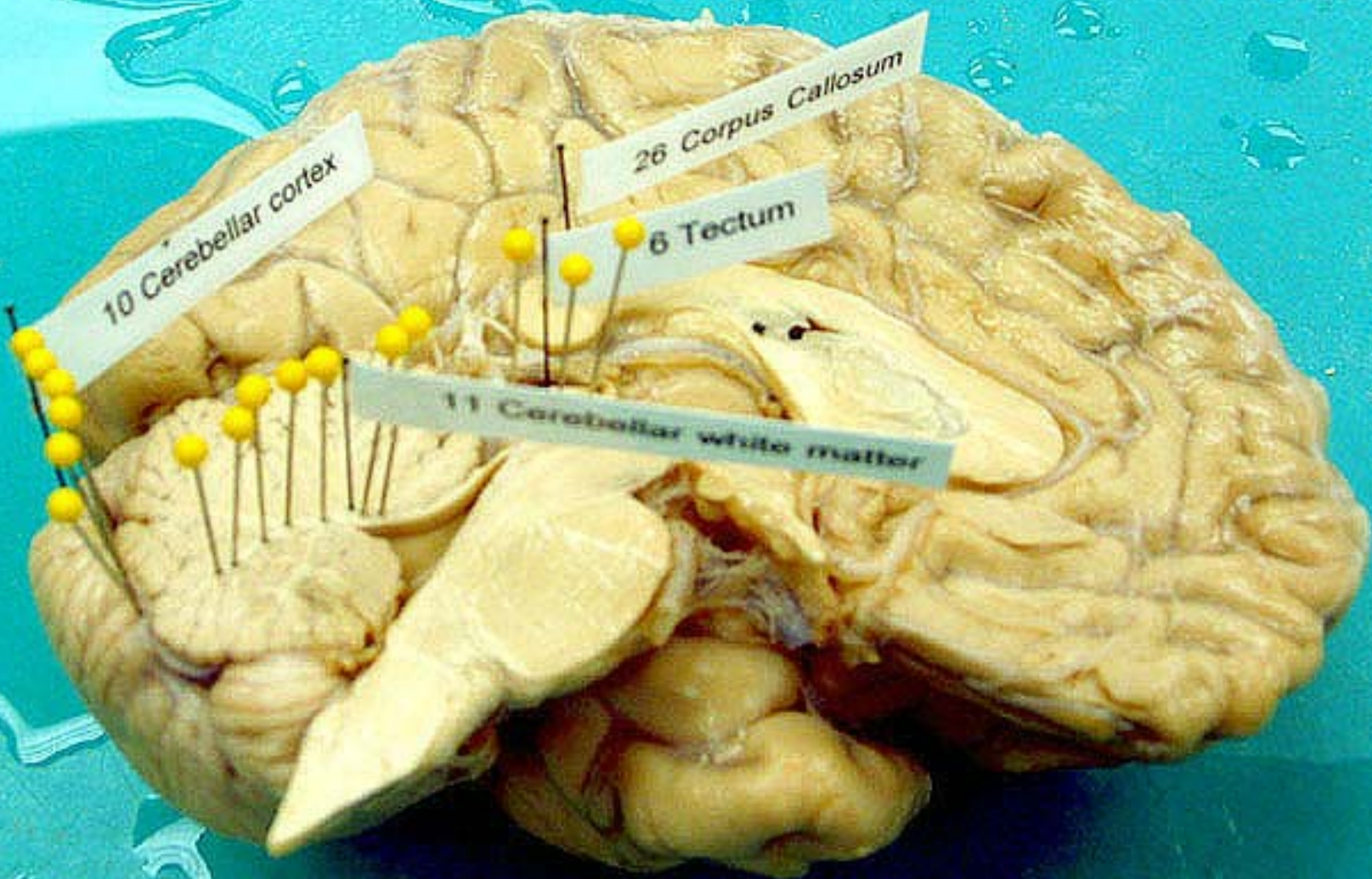


22 Cerebral cortex

25 Cerebral White matter

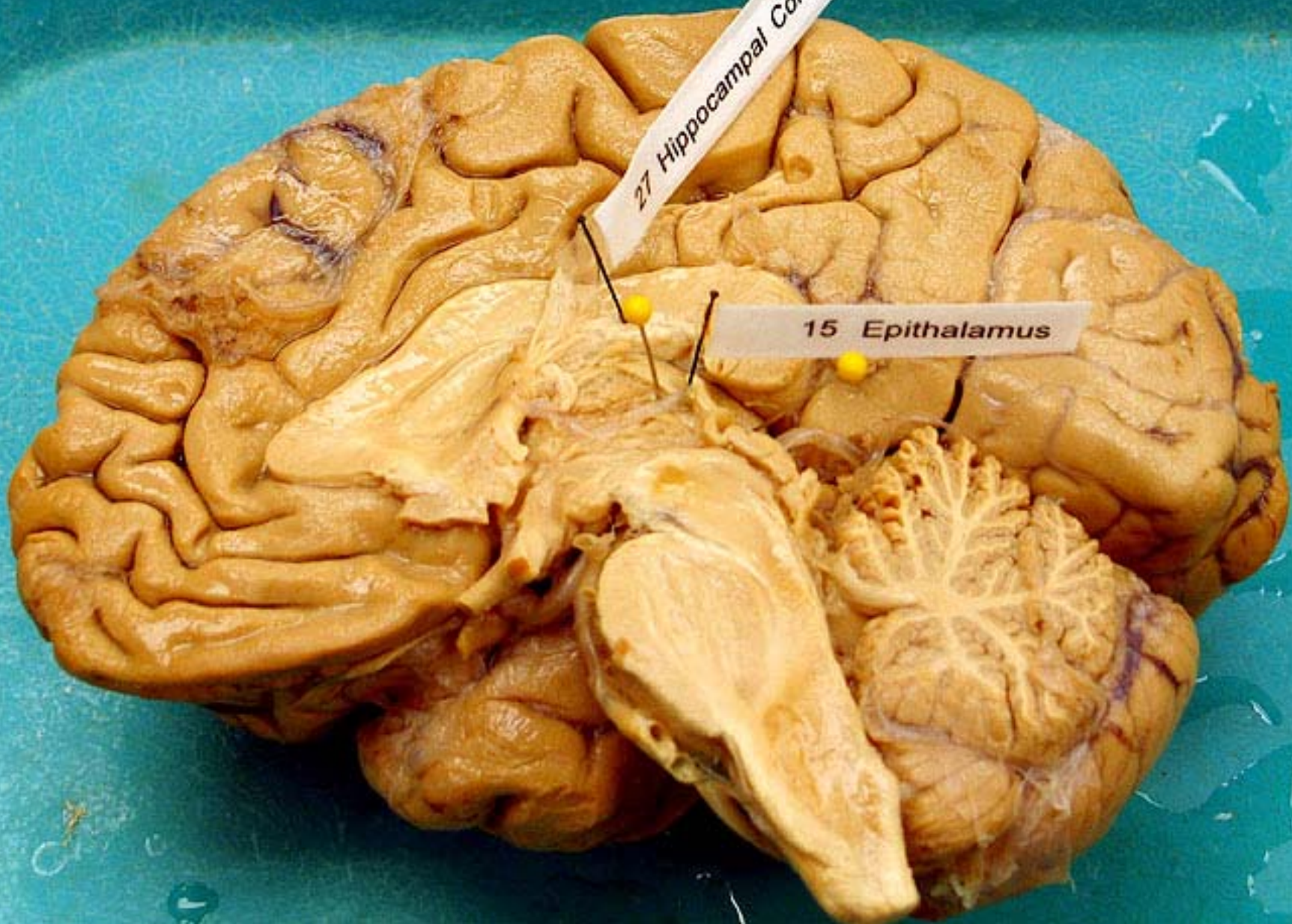
10 Cerebellar cortex





27 Hippocampal Commissure

15 Epithalamus





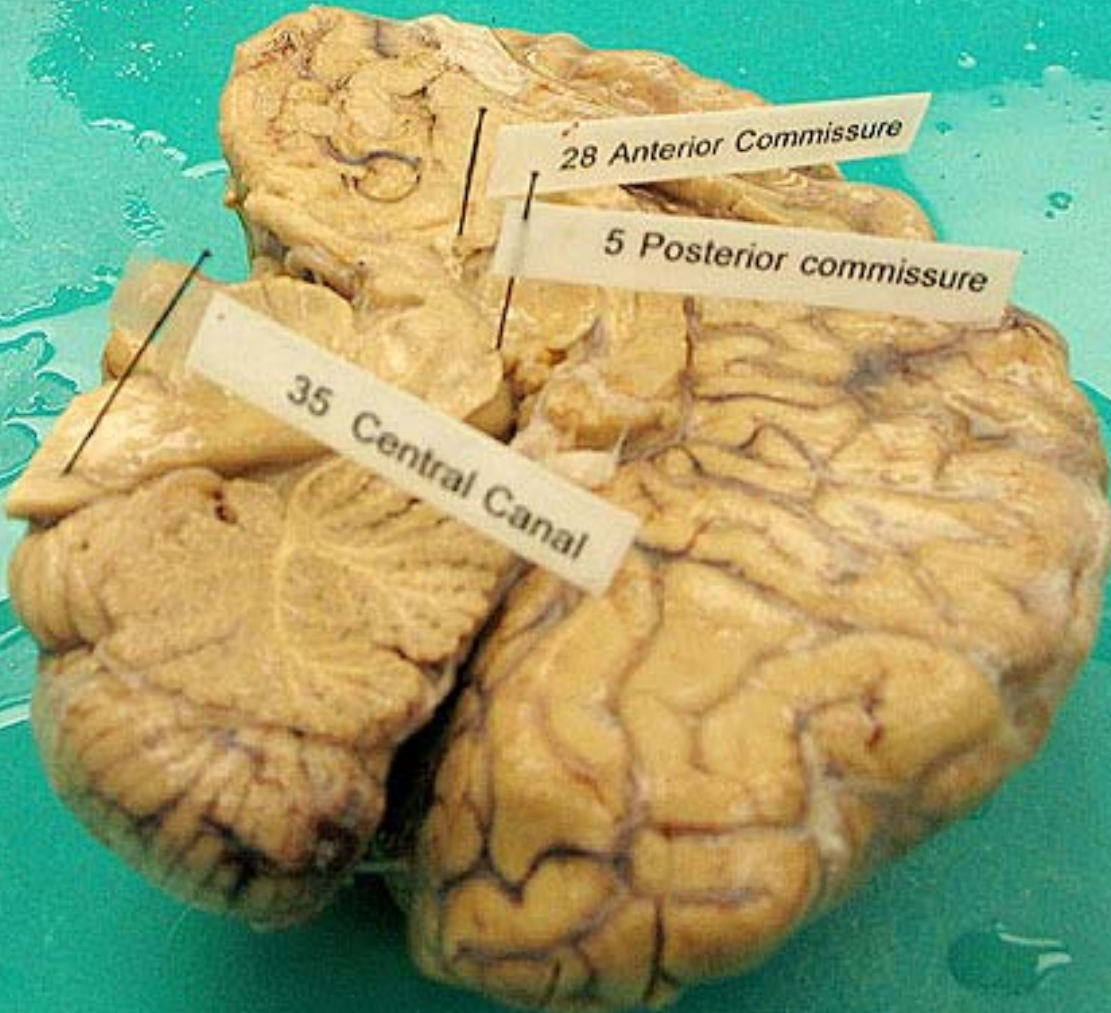
27 Hippocampal Commissure

15 Epithalamus



35 Central Canal

14 Pontine Cerebellum

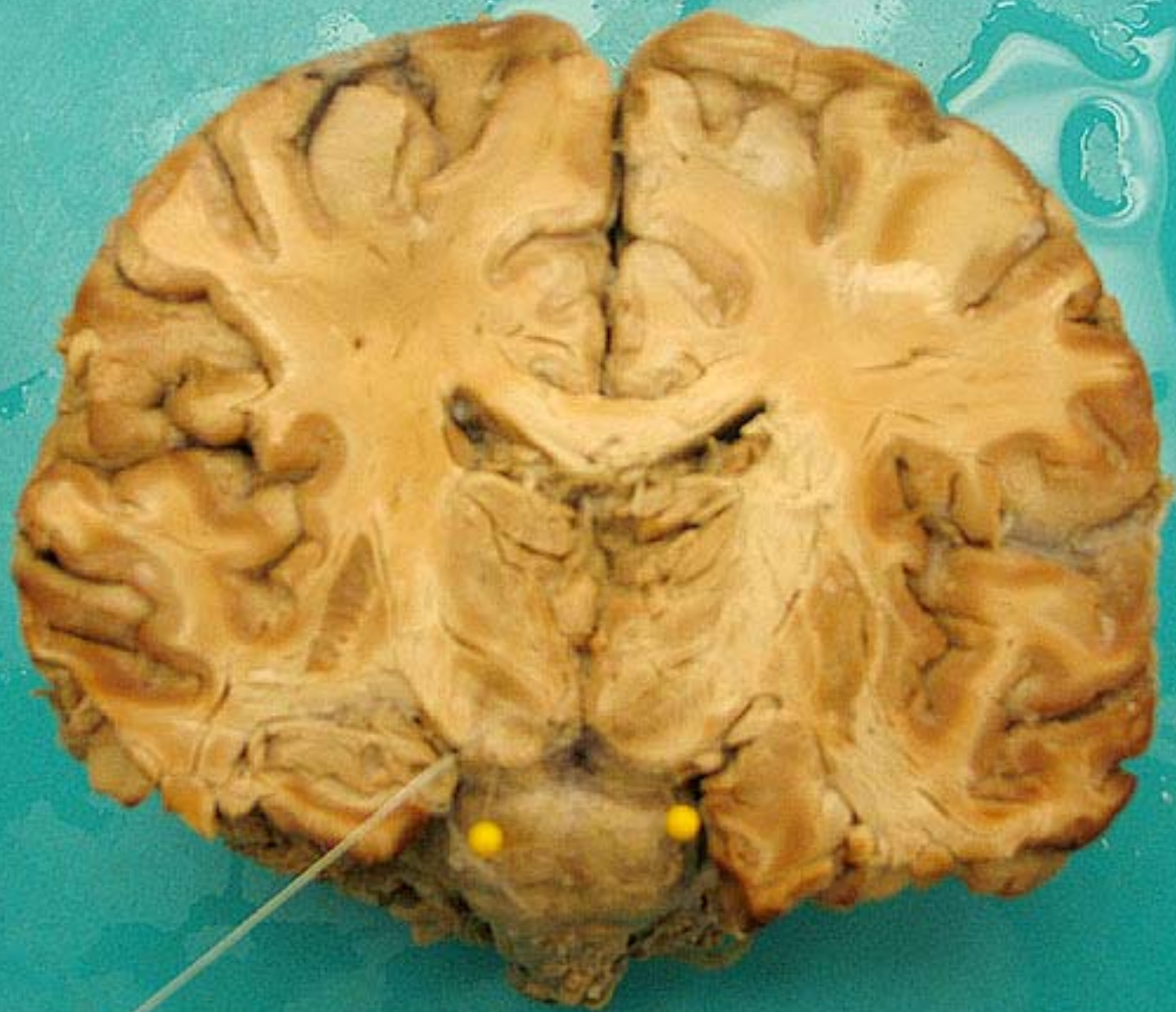


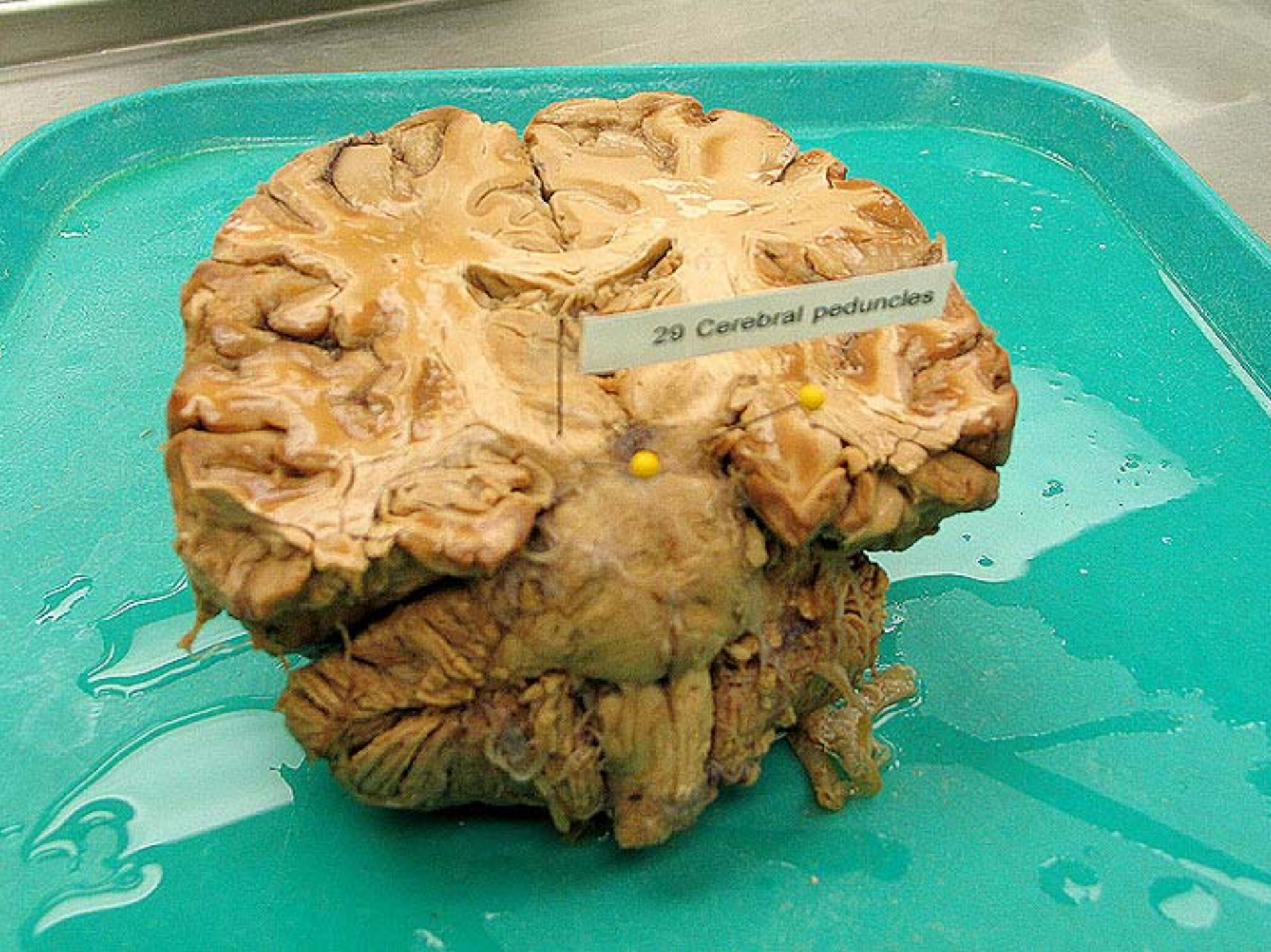
28 Anterior Commissure

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5 Posterior commissure

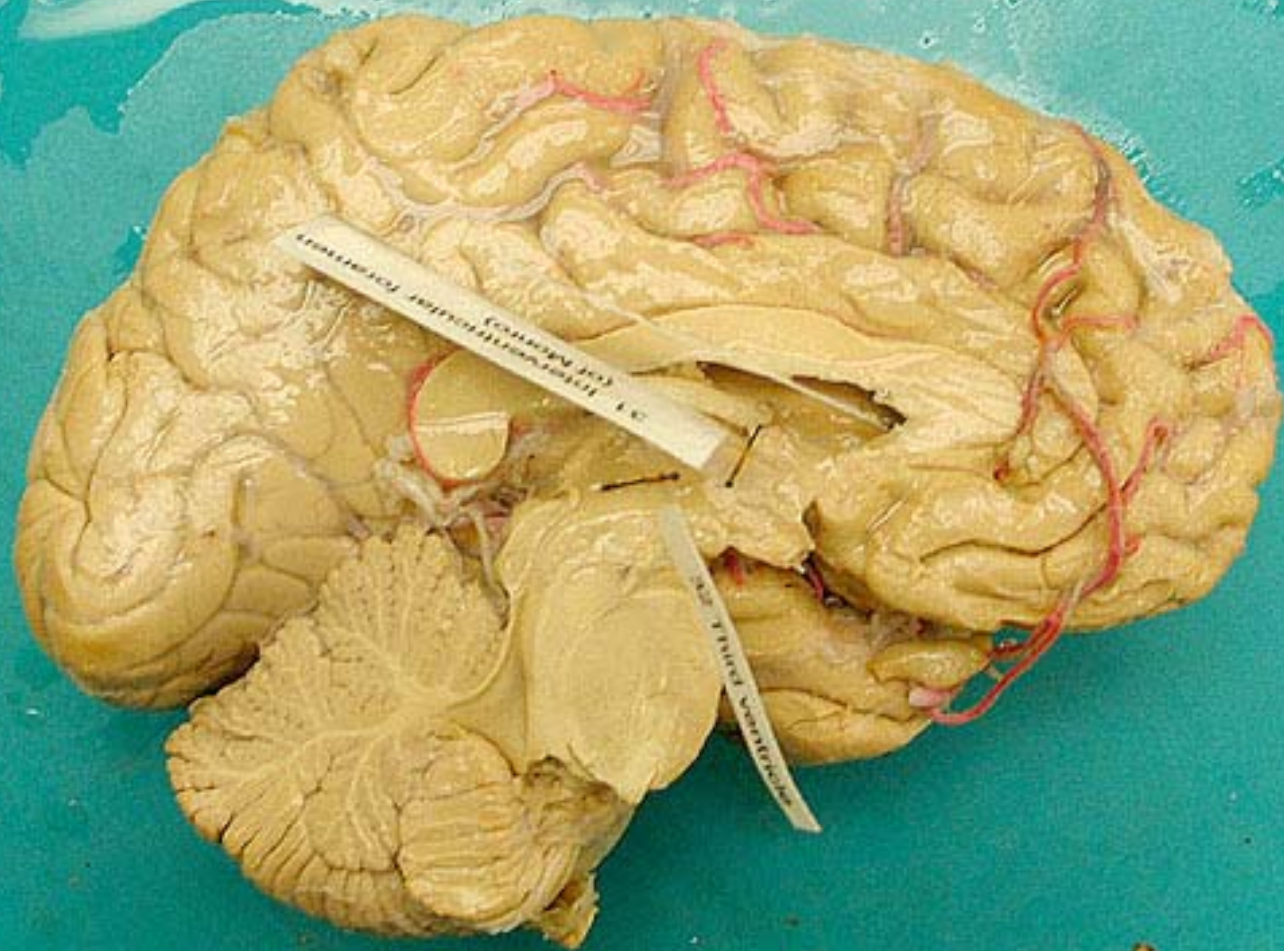
35 Central Canal

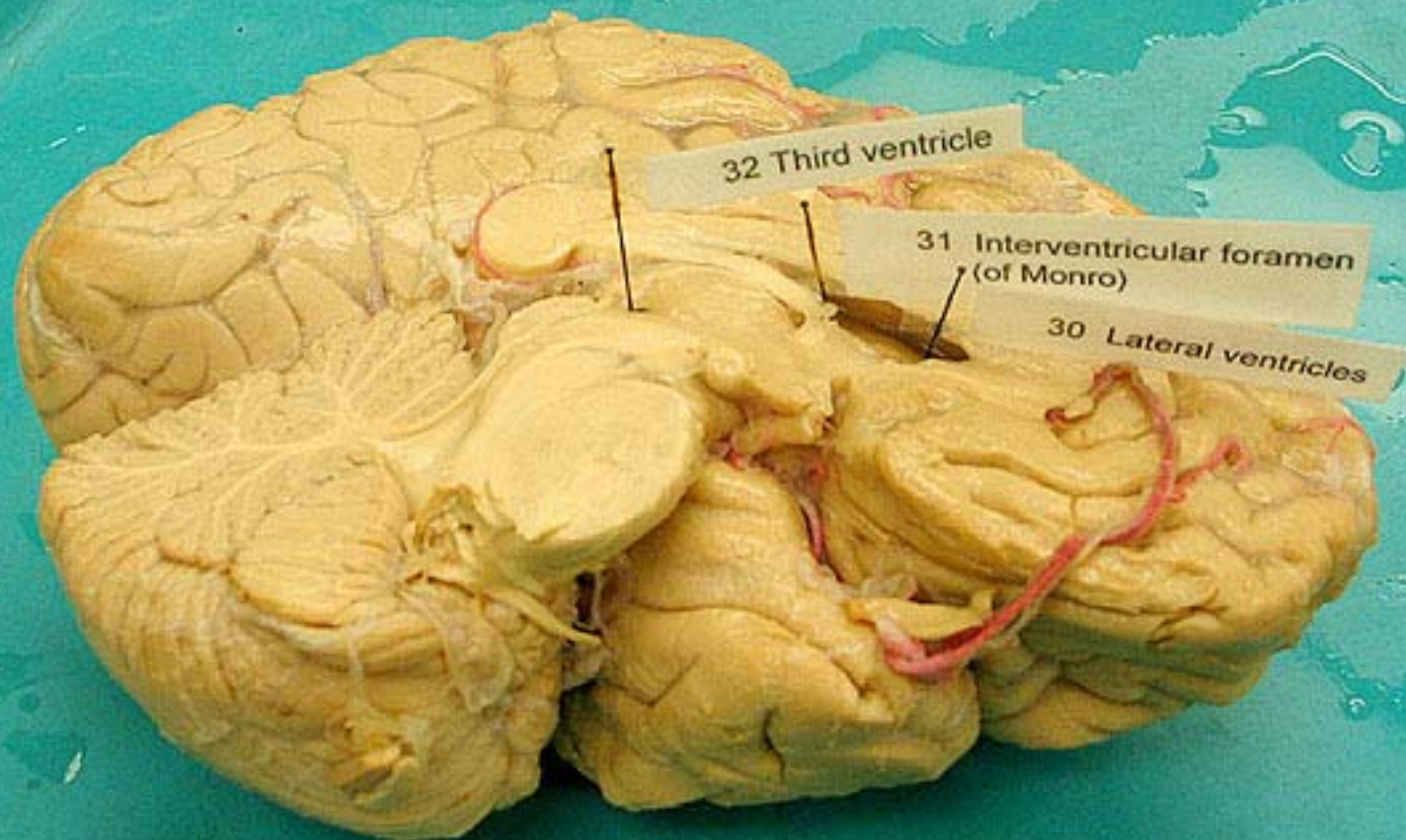




20 Cerebral peduncles

This image shows a coronal section of a human brain specimen, likely a cadaveric specimen, resting on a teal-colored tray. The brain is oriented with the anterior side at the top. A white label with the text "20 Cerebral peduncles" is placed on the brain, pointing to the cerebral peduncles. The cerebral peduncles are the lower part of the brainstem, connecting the cerebrum to the cerebellum and medulla. The brain tissue is a light brown color, and the cerebellum is visible at the bottom of the specimen. The tray is wet, and there are some water droplets visible.





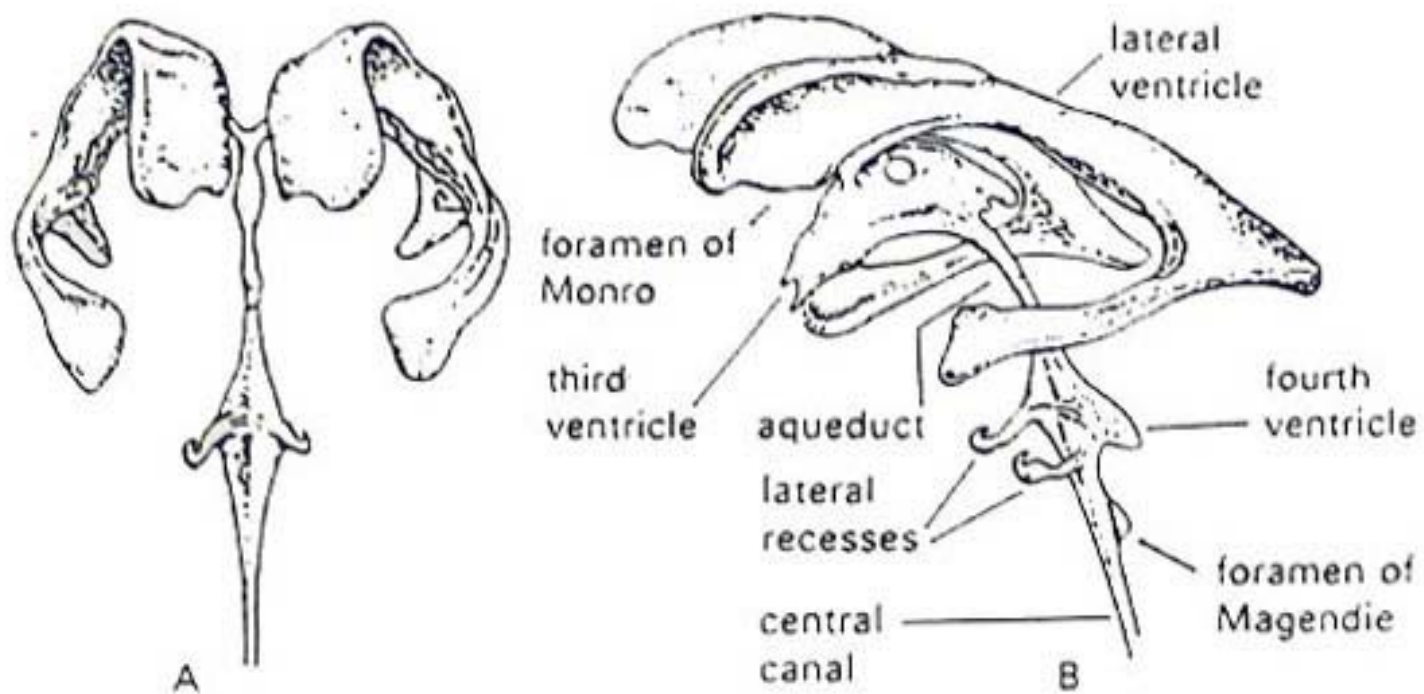


Fig. 2-6. Ventricular system. (A) Frontal view; (B) lateral view.

from Rombro-Siccia, C. 1986  
*Neuroanatomy: A Conceptual Approach*  
 New York, Churchill Livingstone  
 pages 16-17