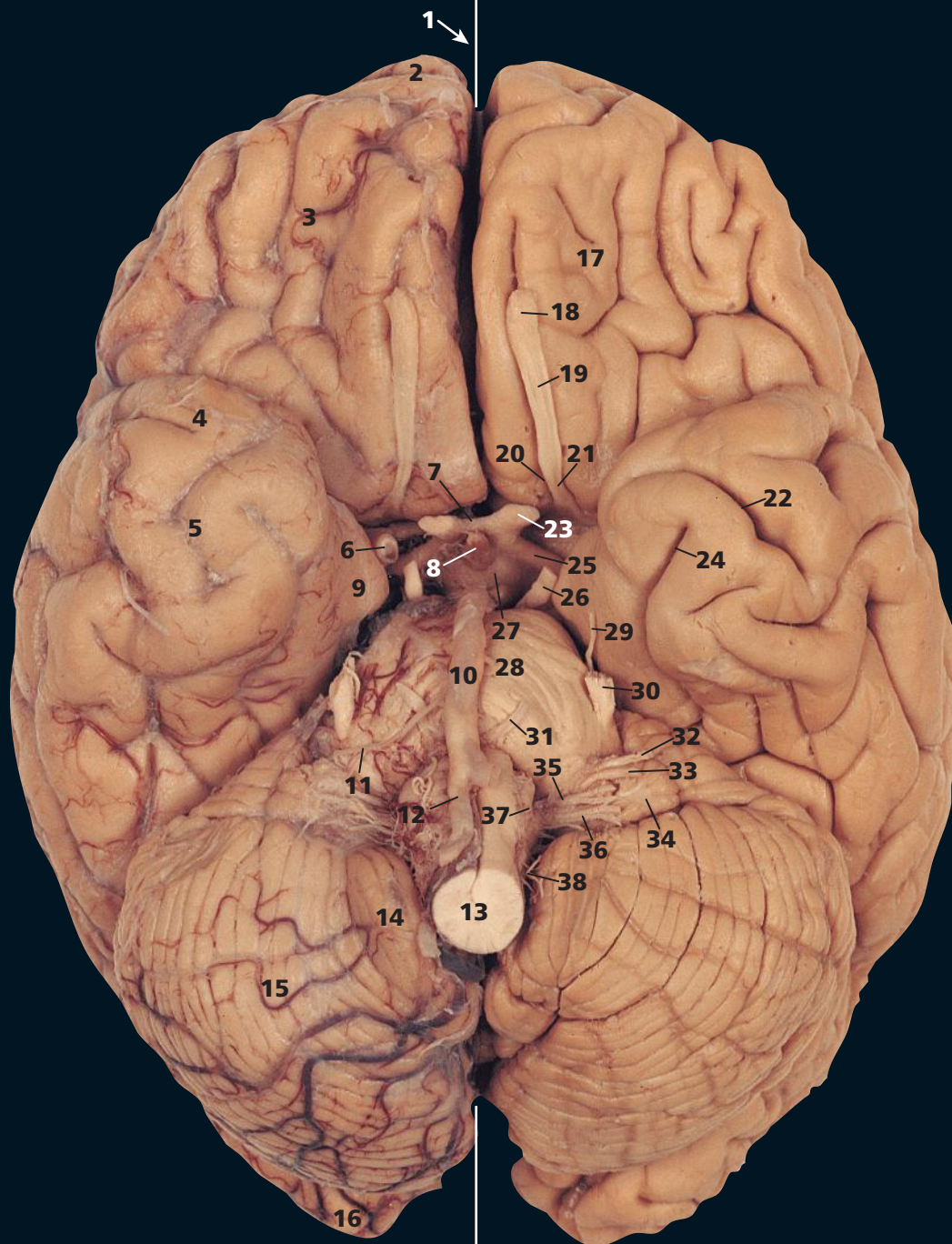


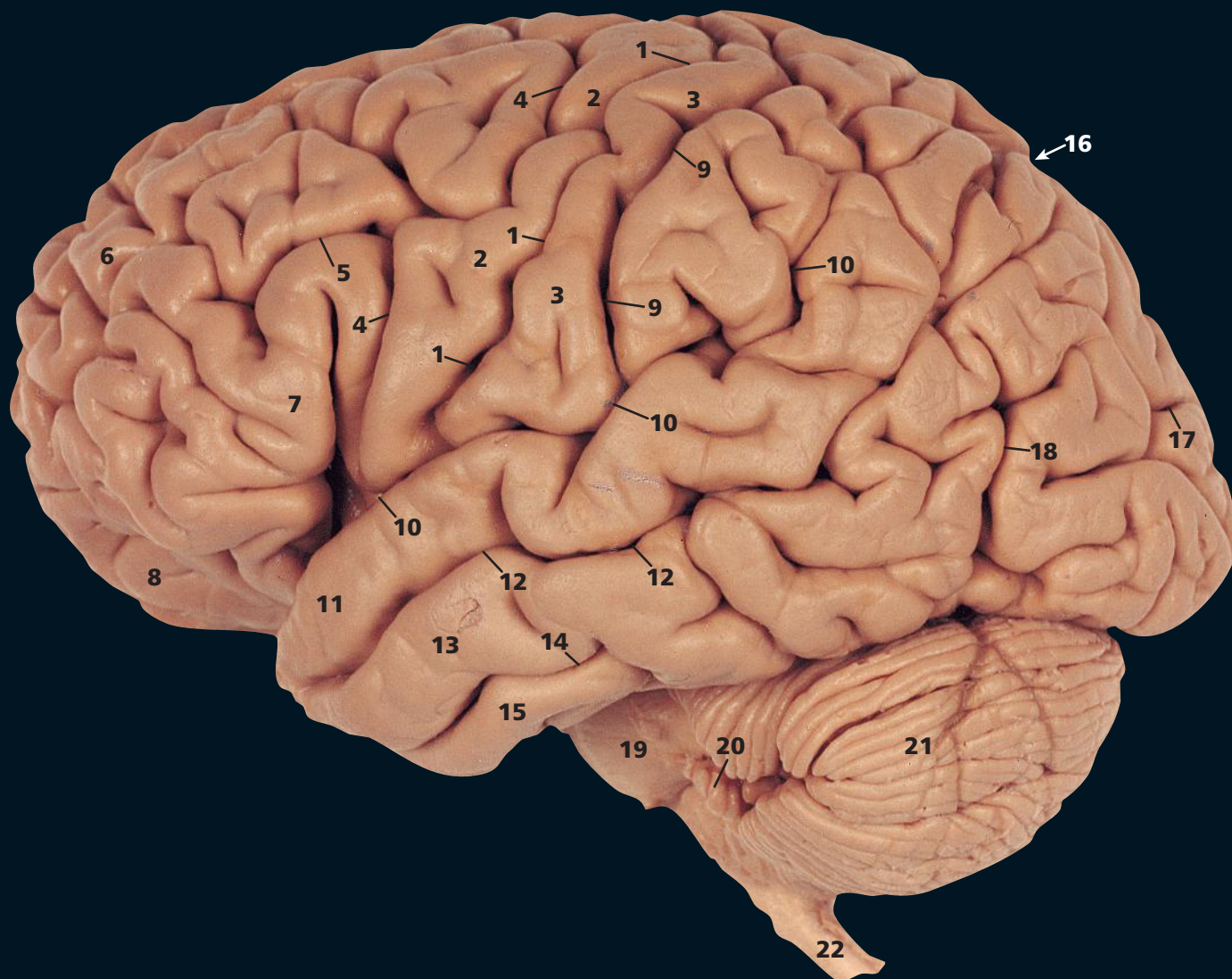


C Right cerebral hemisphere, cerebellum and brain stem. From below, with the arachnoid mater and blood vessels intact

- 1 Longitudinal cerebral fissure (arrowed)
- 2 Frontal pole
- 3 Inferior surface of frontal pole
- 4 Temporal pole
- 5 Inferior surface of temporal pole
- 6 Internal carotid artery
- 7 Optic chiasma
- 8 Infundibulum
- 9 Parahippocampal gyrus
- 10 Basilar artery
- 11 Labyrinthine artery
- 12 Right vertebral artery
- 13 Medulla oblongata
- 14 Tonsil of cerebellum
- 15 Cerebellar hemisphere
- 16 Occipital pole

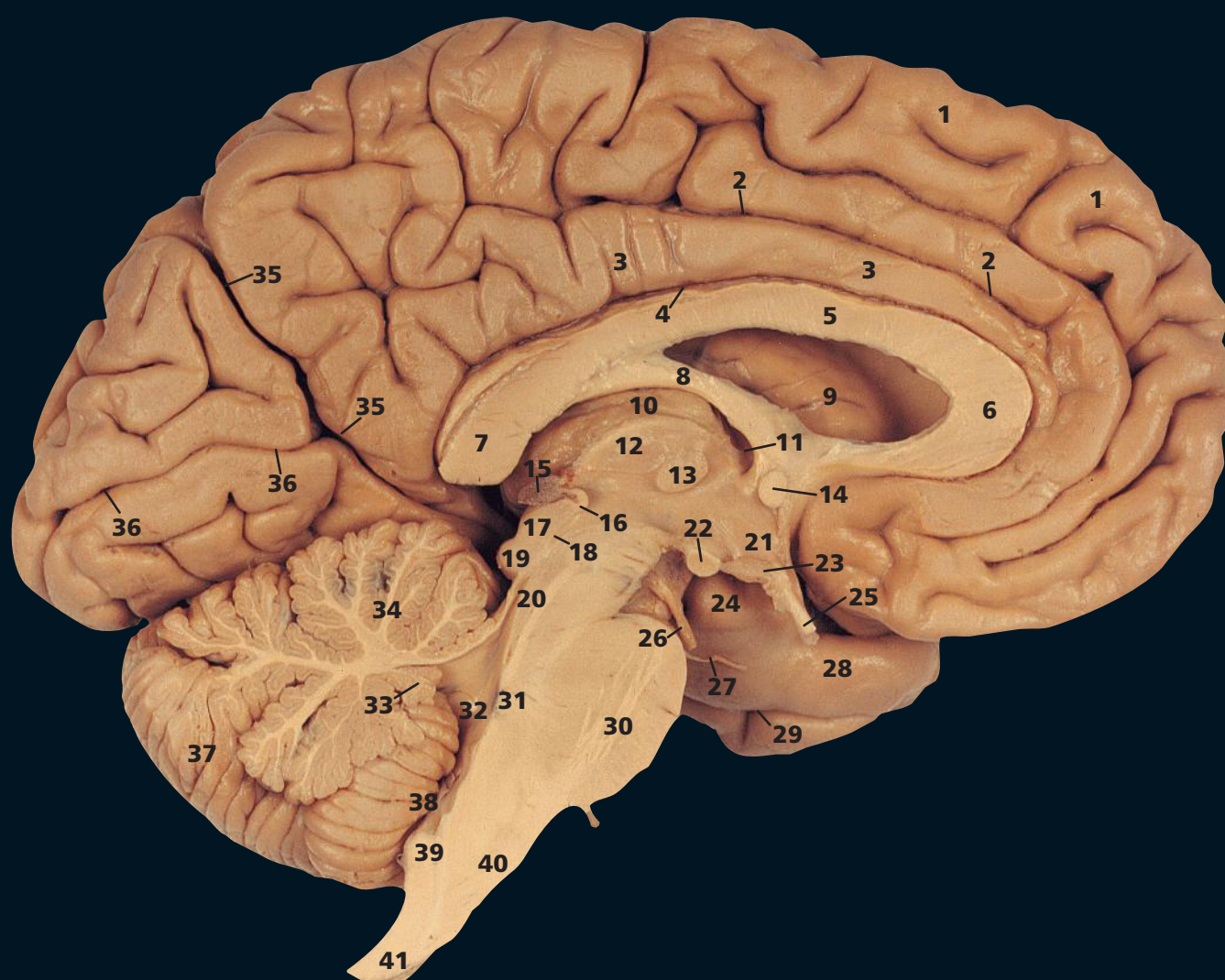
D Left cerebral hemisphere, cerebellum and brain stem. From below, with the arachnoid mater and blood vessels removed

- | | |
|-----------------------------|-----------------------------------|
| 17 Orbital gyri | 29 Trochlear nerve (IV) |
| 18 Olfactory bulb | 30 Trigeminal nerve (V) |
| 19 Olfactory tract | 31 Abducent nerve (VI) |
| 20 Medial olfactory stria | 32 Facial nerve (VII) |
| 21 Lateral olfactory stria | 33 Vestibulocochlear nerve (VIII) |
| 22 Inferior temporal sulcus | 34 Flocculus |
| 23 Optic nerve (II) | 35 Glossopharyngeal nerve (IX) |
| 24 Collateral sulcus | 36 Vagus nerve (X) |
| 25 Optic tract | 37 Hypoglossal nerve (XII) |
| 26 Oculomotor nerve (III) | 38 Accessory nerve (XI) |
| 27 Mamillary body | |
| 28 Pons | |



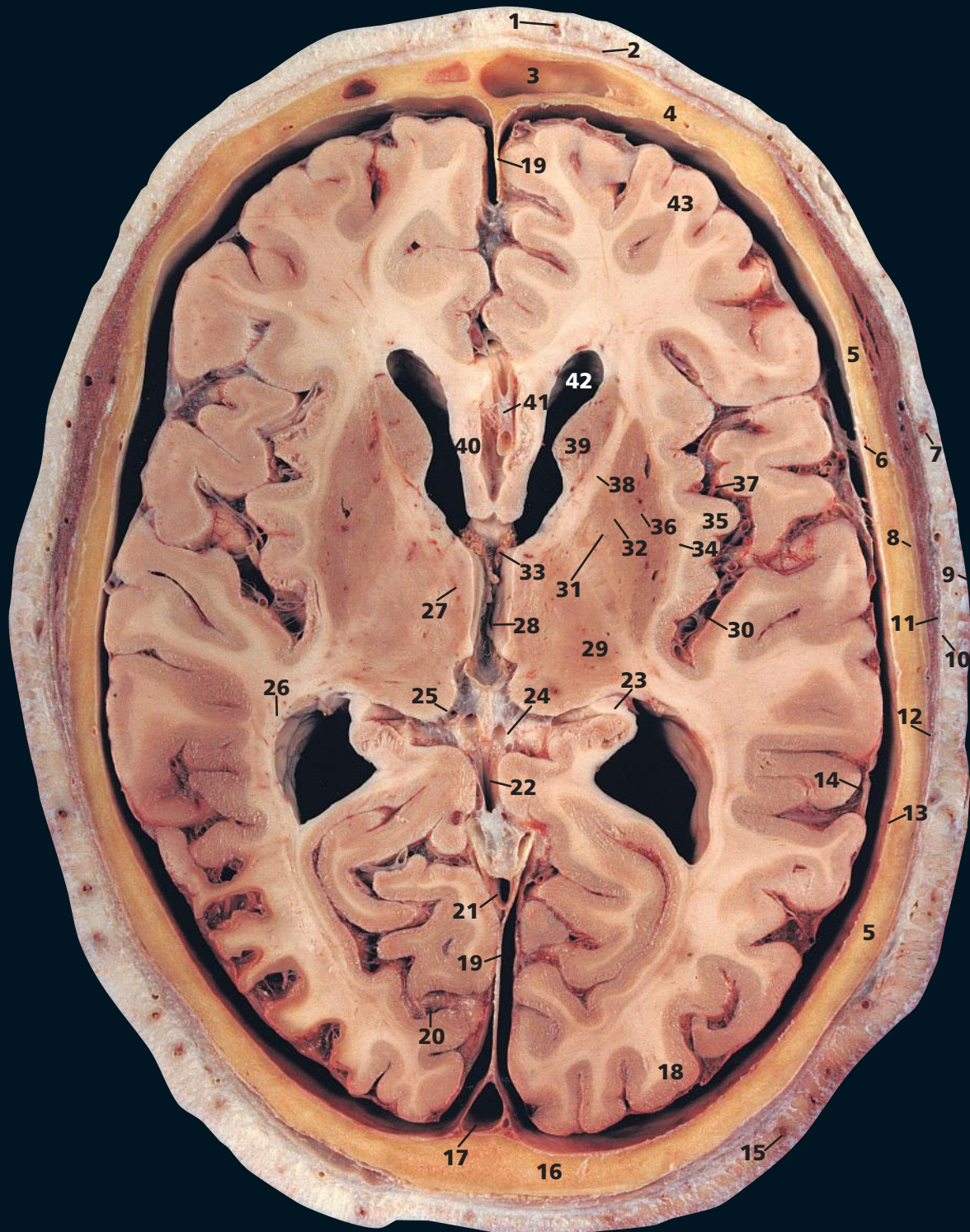
F From the left, with the arachnoid mater and blood vessels removed

- | | |
|----------------------------|--|
| 1 Central sulcus | 12 Superior temporal sulcus |
| 2 Precentral gyrus | 13 Middle temporal gyrus |
| 3 Postcentral gyrus | 14 Inferior temporal sulcus |
| 4 Precentral sulcus | 15 Inferior temporal gyrus |
| 5 Inferior frontal sulcus | 16 Parieto-occipital fissure (arrowed) |
| 6 Superior frontal gyrus | 17 Lunate sulcus |
| 7 Inferior frontal gyrus | 18 Anterior occipital sulcus |
| 8 Orbital gyri | 19 Pons |
| 9 Postcentral sulcus | 20 Flocculus |
| 10 Lateral fissure | 21 Cerebellar hemisphere |
| 11 Superior temporal gyrus | 22 Medulla oblongata |

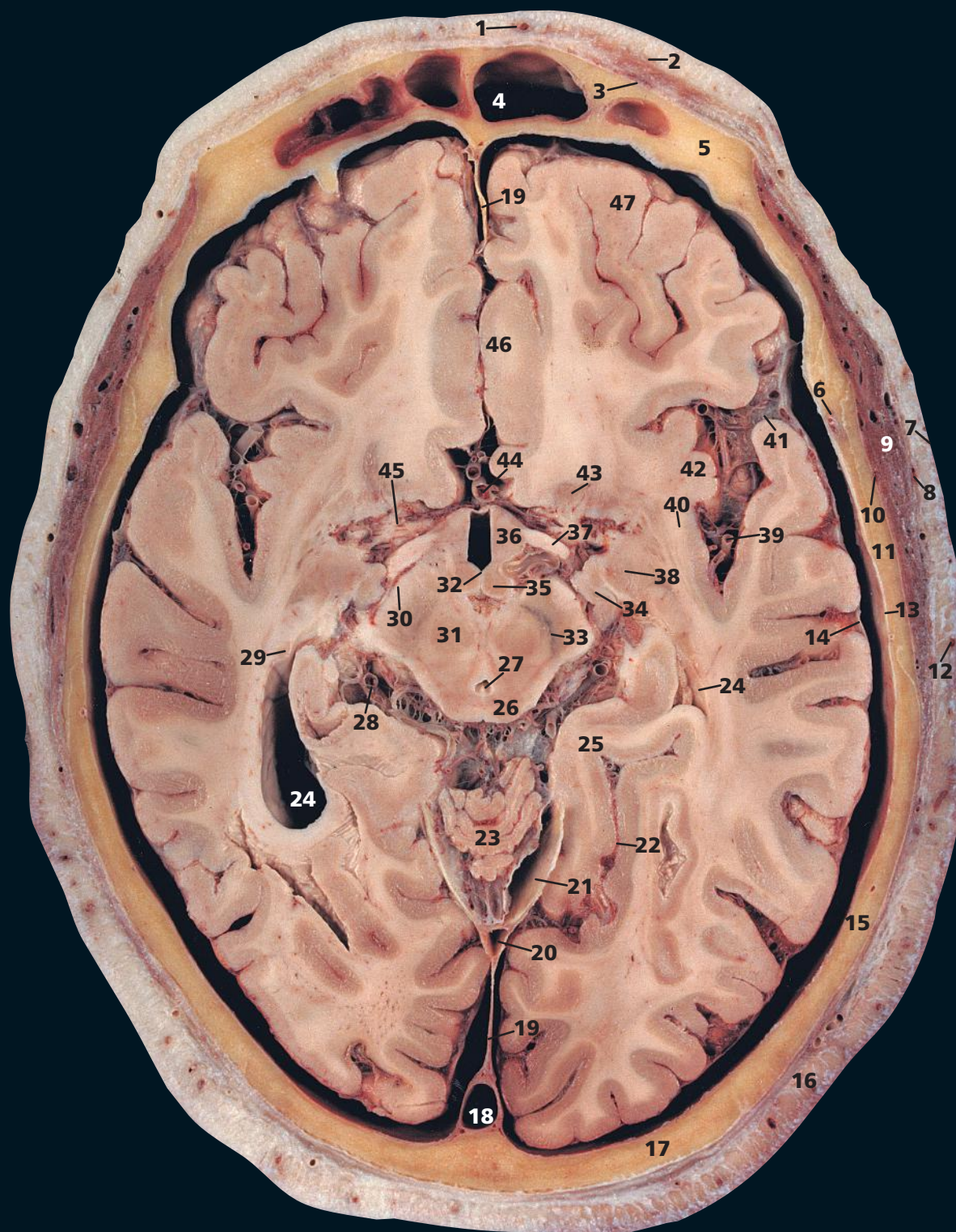


H Median sagittal section. The left half, from the right, with the arachnoid mater and blood vessels removed

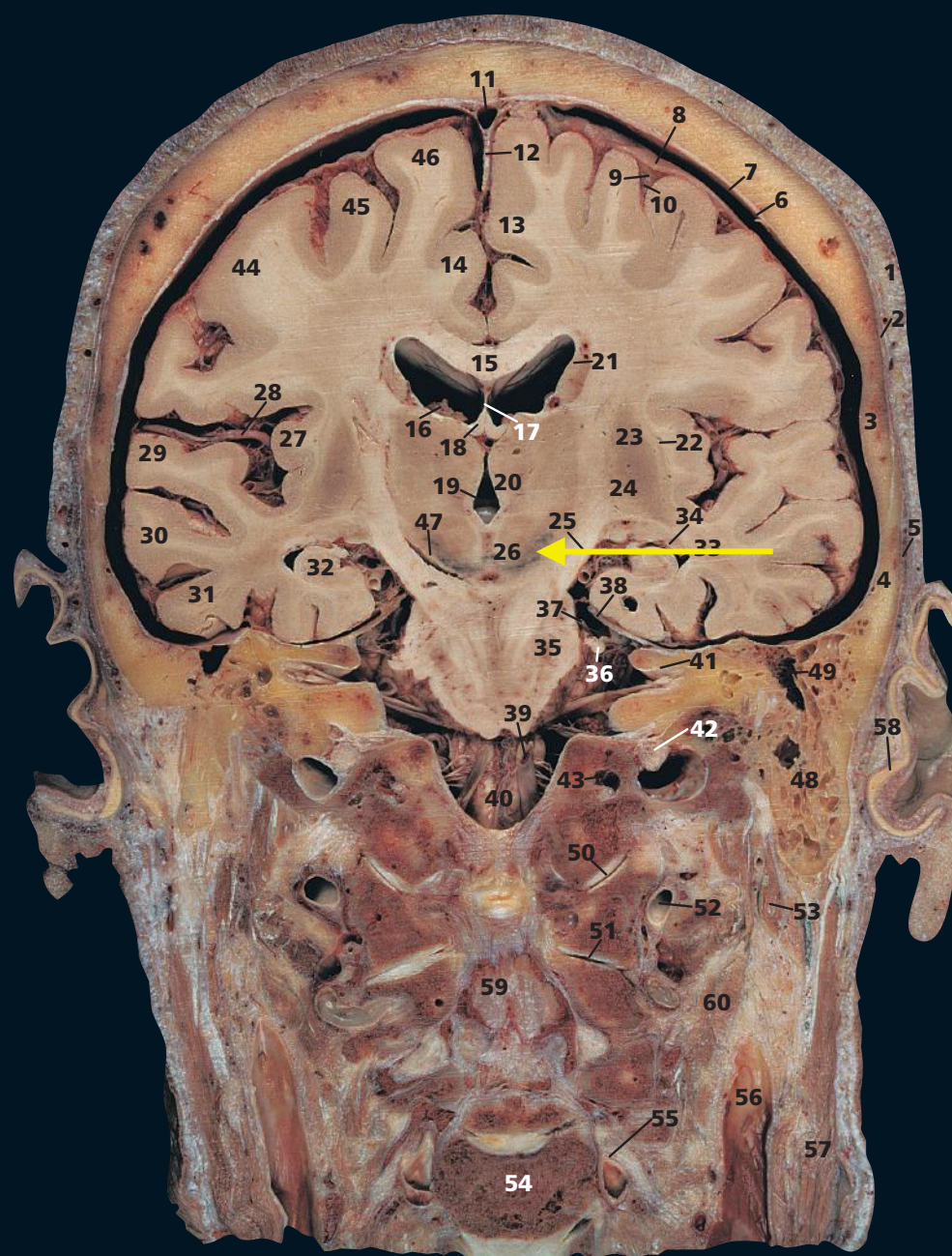
- | | | |
|---|---------------------------|---------------------------------|
| 1 Superior frontal gyrus | 14 Anterior commissure | 29 Rhinal sulcus |
| 2 Cingulate sulcus | 15 Pineal body | 30 Pons |
| 3 Cingulate gyrus | 16 Posterior commissure | 31 Pontine tegmentum |
| 4 Callosal sulcus | 17 Superior colliculus | 32 Fourth ventricle |
| 5 Corpus callosum – body | 18 Aqueduct (of Sylvius) | 33 Nodulus |
| 6 Corpus callosum – genu | 19 Inferior colliculus | 34 Anterior lobe of cerebellum |
| 7 Corpus callosum – splenium | 20 Mesencephalon | 35 Parieto-occipital fissure |
| 8 Fornix | 21 Hypothalamus | 36 Calcarine sulcus |
| 9 Caudate nucleus (head) in wall of lateral ventricle | 22 Mamillary body | 37 Cerebellar hemisphere |
| 10 Choroid plexus, third ventricle | 23 Infundibulum | 38 Tonsil of cerebellum |
| 11 Interventricular foramen (Monro) | 24 Uncus | 39 Inferior cerebellar peduncle |
| 12 Thalamus | 25 Optic nerve (II) | 40 Pyramid of medulla oblongata |
| 13 Massa intermedia | 26 Oculomotor nerve (III) | 41 Medulla oblongata |
| | 27 Trochlear nerve (IV) | |
| | 28 Parahippocampal gyrus | |



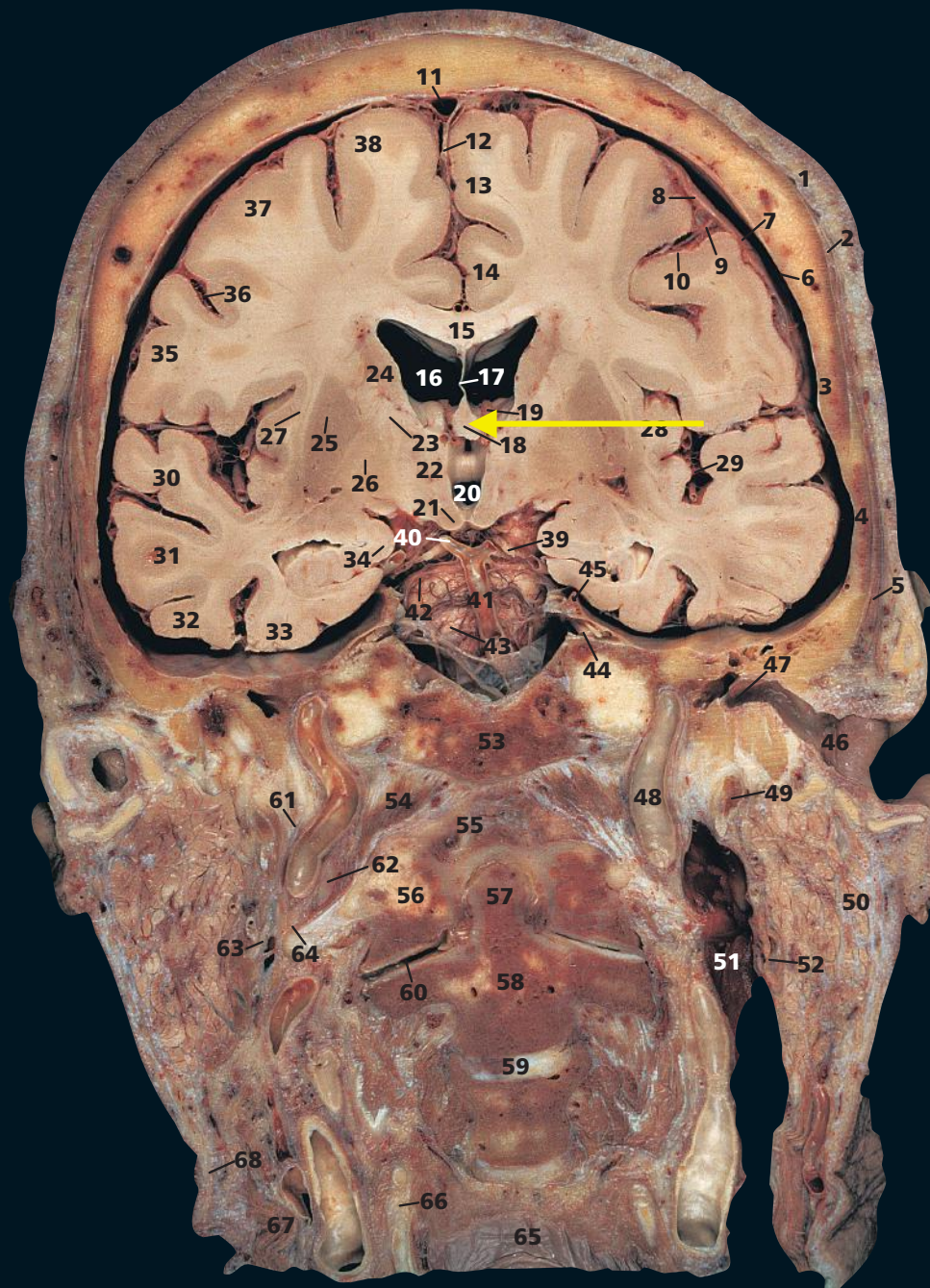
- | | | |
|--|--------------------------------------|---|
| 1 Supra-orbital artery | 15 Occipital artery | 31 Globus pallidus – internal segment |
| 2 Frontal belly of occipitofrontalis | 16 Squamous part of occipital bone | 32 Globus pallidus – external segment |
| 3 Frontal sinus | 17 Superior sagittal sinus | 33 Choroid plexus in interventricular foramen (Monro) |
| 4 Frontal bone | 18 Occipital lobe | 34 Claustrum |
| 5 Parietal bone | 19 Falx cerebri | 35 Insula |
| 6 Middle meningeal artery and vein | 20 Calcarine sulcus | 36 Putamen |
| 7 Branch of temporal artery | 21 Straight sinus | 37 Middle cerebral artery (branches) |
| 8 Sliver of squamous part of temporal bone | 22 Great cerebral vein | 38 Anterior limb of internal capsule |
| 9 Skin and dense subcutaneous tissue | 23 Fornix | 39 Caudate nucleus – head |
| 10 Epicranial aponeurosis (galea aponeurotica) | 24 Internal cerebral vein (branches) | 40 Corpus callosum |
| 11 Temporalis | 25 Pulvinar of thalamus | 41 Anterior cerebral artery |
| 12 Pericranium | 26 Optic radiation | 42 Frontal horn of lateral ventricle |
| 13 Dura mater | 27 Medial nucleus of thalamus | 43 Frontal lobe |
| 14 Arachnoid mater | 28 Third ventricle | |
| | 29 Ventroposterior thalamic nucleus | |
| | 30 Circular sulcus | |



- | | | | |
|---|------------------------------------|--------------------------------|--------------------------------------|
| 1 Supra-orbital artery | 11 Squamous part of temporal bone | 23 Vermis of cerebellum | 37 Optic tract |
| 2 Orbital part of occipitofrontalis | 12 Superficial temporal artery | 24 Lateral ventricle | 38 Amygdala |
| 3 Frontal belly of occipitofrontalis | 13 Dura mater | 25 Parahippocampal gyrus | 39 Middle cerebral artery (branches) |
| 4 Frontal sinus | 14 Arachnoid mater | 26 Superior colliculus | 40 Claustrum |
| 5 Frontal bone | 15 Parietal bone | 27 Aqueduct of Sylvius | 41 Lateral sulcus (Sylvius) |
| 6 Middle meningeal artery and vein | 16 Occipital artery | 28 Posterior cerebral artery | 42 Insula |
| 7 Skin and dense subcutaneous tissue | 17 Squamous part of occipital bone | 29 Tail of caudate nucleus | 43 Nucleus accumbens septi |
| 8 Epicranial aponeurosis (galea aponeurotica) | 18 Superior sagittal sinus | 30 Cerebral peduncle | 44 Anterior cerebral artery |
| 9 Temporalis | 19 Falx cerebri | 31 Red nucleus | 45 Anterior perforated substance |
| 10 Pericranium | 20 Straight sinus | 32 Third ventricle | 46 Cingulate gyrus |
| | 21 Tentorium cerebelli | 33 Substantia nigra | 47 Orbitofrontal cortex |
| | 22 Collateral sulcus | 34 Cornu ammonis (hippocampus) | |
| | | 35 Mamillary body | |
| | | 36 Hypothalamus | |



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|---|--|--|--|
| 1 Skin and dense subcutaneous tissue | 22 Claustrium | 41 Facial nerve (VII) and vestibulocochlear nerve (VIII) entering internal auditory meatus within petrous part of temporal bone | 49 Mastoid antrum within petrous part of temporal bone |
| 2 Epicranial aponeurosis (galea aponeurotica) | 23 Putamen | | 50 Atlanto-occipital joint |
| 3 Parietal bone | 24 Globus pallidus | 42 Glossopharyngeal nerve (IX), vagus nerve (X) and cranial part of accessory nerve (XI) entering jugular foramen within petrous part of temporal bone | 51 Atlanto-axial joint |
| 4 Temporal bone | 25 Posterior limb of internal capsule | | 52 Vertebral artery within foramen transversarium of axis (see 39) |
| 5 Temporalis | 26 Mamillary body | 43 Hypoglossal nerve (XII) entering hypoglossal canal within petrous part of temporal bone | 53 Posterior belly of digastric |
| 6 Dura mater | 27 Insula | 44 Postcentral gyrus | 54 Body of C4 vertebra |
| 7 Subdural space | 28 Lateral cerebral fissure and branches of middle cerebral artery | 45 Precentral gyrus | 55 C4 dorsal root ganglion |
| 8 Arachnoid mater | 29 Superior temporal gyrus | 46 Superior frontal gyrus | 56 Internal jugular vein |
| 9 Subarachnoid space | 30 Middle temporal gyrus | 47 Substantia nigra | 57 Sternocleidomastoid |
| 10 Pia mater | 31 Inferior temporal gyrus | 48 Mastoid air cells within mastoid process of the petrous part of temporal bone | 58 Auricular cartilage of ear |
| 11 Superior sagittal sinus | 32 Hippocampus | | 59 Dura of spinal canal |
| 12 Falx cerebri | 33 Inferior horn of lateral ventricle | | 60 Levator scapulae |
| 13 Medial frontal gyrus | 34 Tail of caudate nucleus | | |
| 14 Cingulate gyrus | 35 Pons | | |
| 15 Body of corpus callosum | 36 Trigeminal nerve (V) | | |
| 16 Choroid plexus within lateral ventricle | 37 Trochlear nerve (IV) | | |
| 17 Septum pellucidum | 38 Free margin of tentorium cerebelli | | |
| 18 Fornix | 39 Vertebral artery (see 54) | | |
| 19 Third ventricle | 40 Medulla oblongata | | |
| 20 Thalamus | | | |
| 21 Caudate nucleus | | | |



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|---|--|---------------------------------------|--|
| 1 Skin and dense subcutaneous tissue | 19 Choroid plexus with floor of lateral ventricle | 35 Postcentral gyrus | 54 Rectus capitis anterior |
| 2 Epicranial aponeurosis (galea aponeurotica) | 20 Third ventricle | 36 Central sulcus | 55 Anterior atlanto-occipital membrane |
| 3 Parietal bone | 21 Mamillary body | 37 Precentral gyrus | 56 Anterior arch of atlas |
| 4 Squamous part of temporal bone | 22 Thalamus | 38 Superior frontal gyrus | 57 Dens of axis (odontoid peg of second cervical vertebra) |
| 5 Temporalis | 23 Anterior limb of internal capsule | 39 Oculomotor nerve (III) | 58 Body of axis |
| 6 Dura mater | 24 Caudate nucleus | 40 Posterior cerebral artery | 59 C2/3 intervertebral disc |
| 7 Subdural space | 25 Putamen | 41 Basilar artery | 60 Atlanto-axial joint |
| 8 Arachnoid mater | 26 Globus pallidus | 42 Superior cerebral artery | 61 Glossopharyngeal nerve (IX) |
| 9 Subarachnoid space | 27 Claustrum | 43 Pons | 62 Vagus nerve (X) |
| 10 Pia mater | 28 Insula | 44 Trigeminal nerve (V) | 63 Spinal accessory nerve (XI) |
| 11 Superior sagittal sinus | 29 Lateral cerebral fissure and branches of middle cerebral artery | 45 Free margin of tentorium cerebelli | 64 Hypoglossal nerve (XII) |
| 12 Falx cerebri | 30 Superior temporal gyrus | 46 External auditory meatus | 65 Posterior wall of pharynx |
| 13 Medial frontal gyrus | 31 Middle temporal gyrus | 47 Tympanic membrane | 66 Thyroid cartilage |
| 14 Cingulate gyrus | 32 Inferior temporal gyrus | 48 Internal carotid artery | 67 Sternocleidomastoid |
| 15 Body of corpus callosum | 33 Lateral occipitotemporal gyrus | 49 Styloid process | 68 Platysma |
| 16 Body of lateral ventricle | 34 Parahippocampal gyrus adjacent (lateral) to hippocampus | 50 Parotid gland | |
| 17 Septum pellucidum | | 51 Internal jugular vein | |
| 18 Fornix | | 52 Digastric | |
| | | 53 Base of occipital bone (clivus) | |