Review: Rhoton Top 100

Acknowledgements:

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Planum sphenoidale

Tuberculum sella

Sella turcica

Clivus

Dorsum sella

Post. Clinoid process

Petrosal part of jugular foramen

Sigmoid part of jugular foramen

Intrajugular process of temporal bone

Foramen rotundum (CN V2 exits into pterygopalatine fossa)

Foramen ovale (CN V3 exits into infratemporal fossa)

Foramen spinosum (MMA enters)

Internal auditory canal

Petrosal part of jugular foramen

Intrajugular process of temporal bone

Sigmoid part of jugular foramen
Infraorbital foramen (arrow)

Infraorbital canal (green)
Precuneus

1. Separated from the cuneus (occipital lobe) by the medial portion of parieto-occipital sulcus
2. Separated from paracentral lobule (medial continuatio of pre- and post-central gyri) by pars marginalis (ascending branch of the cingulate sulcus)
3. Separated from cingulate gyrus by subparietal sulcus
Olfactory bulb

Olfactory groove
Cavernous sinus

Pterygopalatine fossa

Superior orbital fissure
ACA
Communicating segment of ICA
MCA
Ophthalmic segment of ICA
Oculomotor nerve
Optic nerve
ACA
Communicating segment of ICA
SCA
Post-Communicating a.
Anterior choroidal artery
MCA
ophthalmic segment of ICA

communicating segment of ICA

supraclinoid portion of ICA
Abducens nerve
Anterior clinoid process
Optic nerve
Oculomotor nerve
ICA
GSPN
Trigeminal nerve
Trochlear nerve
Anterior clinoid process
Anterior clinoid process
ICA
Oculomotor nerve
Optic nerve
Abducens nerve
Anterior clinoid process
ICA
Oculomotor nerve
Optic nerve
Trochlear nerve
Anterior clinoid process
Abducens nerve
Anterior clinoid process
ICA
Oculomotor nerve
Optic nerve
Trigeminal nerve
Trochlear nerve
Anterior clinoid process
Cavernous sinus
Meckel's Cave

MAXILLARY NERVE
Superior orbital fissure
Clinoidal segment of ICA

Ophthalmic artery

Trigeminal ganglion

Trigeminal nerve
Optic strut

Orbital apex
Anterolateral triangle

Anteromedial triangle
Clinoidal triangle

Oculomotor triangle

Supratrochlear triangle

Infratrochlear triangle
Optic canal
Cavernous sinus
Carotid collar
(around supraclinoid ICA)

Cavernous segment of ICA
Anterior intercavernous sinus

Basilar sinus

Inferior petrosal sinus
Petrous segment of the ICA

Cavernous segment of the ICA

Proximal dural ring

Clinoidal segment of the ICA
Distal dural ring

Ophthalmic segment of ICA
Foramen ovale

Foramen rotundum
Parasympathetic root of the ciliary ganglion

Sympathetic root of ciliary ganglion

Sensory root of the ciliary ganglion

Parasympathetic root of the ciliary ganglion
Oculomotor nerve

Superior division of the oculomotor nerve

Inferior division of the oculomotor nerve
Inferior rectus

Lateral rectus
Superior rectus

Levator palpebrae superioris
Ethmoid sinus
Maxillary sinus
Sphenoid sinus
Sphenoid sinus ostium
Internal carotid artery

Anterior cerebral artery
Pituitary gland
Middle fossa
Cochlea

Superior semicircular canal

Tympanic cavity
Facial nerve

Tympanic segment of the facial nerve

Labyrinthine segment of the facial nerve

Geniculate ganglion
Trigeminal ganglion

Mandibular nerve

Maxillary nerve

Trigeminal nerve
Trigeminal ganglion

Trigeminal prominence
Pons
Subarcuate artery
Transverse crest

Vertical crest
Vestibulocochlear nerve

Auditory nerve  Superior vestibular nerve  Inferior vestibular nerve
Ampulla of lateral semicircular canal
Ampulla of posterior semicircular canal
Ampulla of superior semicircular canal
Oval window
Facial nerve
Fundus of the internal auditory meatus
Vestibulocochlear nerve
Singular branch of the inferior vestibular nerve
Mastoid antrum
Labyrinth
Facial nerve

Tympanic segment of facial nerve

Mastoid segment of facial nerve
Facial recess
Facial nerve

Tympanic segment of facial nerve

Mastoid segment of facial nerve
Jugular foramen

Septum of jugular foramen
Glossopharyngeal nerve

Glossopharyngeal meatus
Spinal accessory nerve
Auricular branch of vagus nerve
Jugular foramen

Vertebral artery
Occipital condyle
Mastoid process

Mastoid tip
Tympanic part of temporal bone
Cervical portion of ICA

Carotid sheath

Petrous segment of ICA
Tympanic cavity

Epitympanum

Mesotympanum
Infratemporal fossa
Jugular fossa
Rectus capitis posterior minor

Obliquus capitus superior

Rectus capitus posterior major

Obliquus capitus inferior
Atlas

C1 transverse process

C2 spinous process
Obliquus capitis inferior

Obliquus capitis superior
Rectus capitis posterior minor

Rectus capitis posterior major