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

Internal auditory canal

Foramen rotundum
  (CN V2 exits into pterygopalatine fossa)

Foramen ovale
  (CN V3 exits into infratemporal fossa)

Foramen spinosum
  (MMA enters)

Petrosal part of jugular foramen

Intrajugular process of temporal bone

Sigmoid part of jugular foramen
Precuneus

1. Separated from the cuneus (occipital lobe) by the medial portion of parieto-occipital sulcus

2. Separated from paracentral lobule (medial continuatino 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
Frontal sinus

Ethmoid sinus

Sphenoid sinus
Infratemporal fossa

Middle fossa

Temporal fossa

Infratemporal fossa
Communicating segment of ICA

Ophthalmic segment of ICA

Communicating segment of ICA

MCA
Anterior clinoid process
Abducens nerve
Optic nerve
Anterior clinoid process
ICA
Oculomotor nerve
Abducens nerve
Anterior clinoid process
ICA
Optic nerve
Trochlear nerve
Trigeminal nerve
Oculomotor nerve
Abducens nerve
Anterior clinoid process
ICA
Oculomotor nerve
Optic nerve
Trigeminal nerve
Trochlear nerve
GSPN
Anterior clinoid process
Meckel's Cave

MAXILLARY NERVE
Superior orbital fissure
Clinoidal segment of ICA

Ophthalmic artery

Trigeminal ganglion

Trigeminal nerve
Superior division of oculomotor nerve
Inferior division of oculomotor nerve
Oculomotor nerve
Optic nerve
Optic nerve sheath
Clinoidal triangle

Supratrochlear triangle

Oculomotor triangle

Infratrochlear triangle
Cavernous sinus
Carotid collar
(around supraclinoid ICA)

Cavernous segment of ICA
Anterior intercavernous sinus

Basilar sinus

Inferior petrosal sinus
**Petrus** 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
Pituitary gland
Middle fossa
Facial nerve

Labyrinthine segment of the facial nerve

Tympanic segment of the facial nerve

Geniculate ganglion
Facial nerve

Geniculate ganglion
Cisternal segment of facial nerve

Meatal segment of facial nerve

Labyrinthine segment of facial nerve

Tympanic segment of facial nerve
Choroid plexus

AICA
Subarcuate artery
Transverse crest

Vertical crest
Vestibulocochlear nerve

Auditory nerve
Superior vestibular nerve
Inferior vestibular nerve
Cochlea
Ampulla of lateral semicircular canal

Ampulla of posterior semicircular canal

Ampulla of superior semicircular canal
Common crus
Oval window
Facial nerve

Fundus of the internal auditory meatus

Vestibulocochlear nerve
Singular branch of the inferior vestibular nerve
Mastoid antrum
Mastoid process
Facial recess
Facial nerve

Tympanic segment of facial nerve

Mastoid segment of facial nerve
Jugular foramen

Septum of jugular foramen
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
Labyrinth
Infratemporal fossa
Jugular fossa
Internal jugular vein

Jugular bulb

Sigmoid sinus
Obliquus capitus superior

Rectus capitis posterior major

Rectus capitis posterior minor

Obliquus capitus inferior
Atlas

C1 transverse process

C2 spinous process
Obliquus capitis inferior

Obliquus capitis superior
Rectus capitis posterior minor

Rectus capitis posterior major