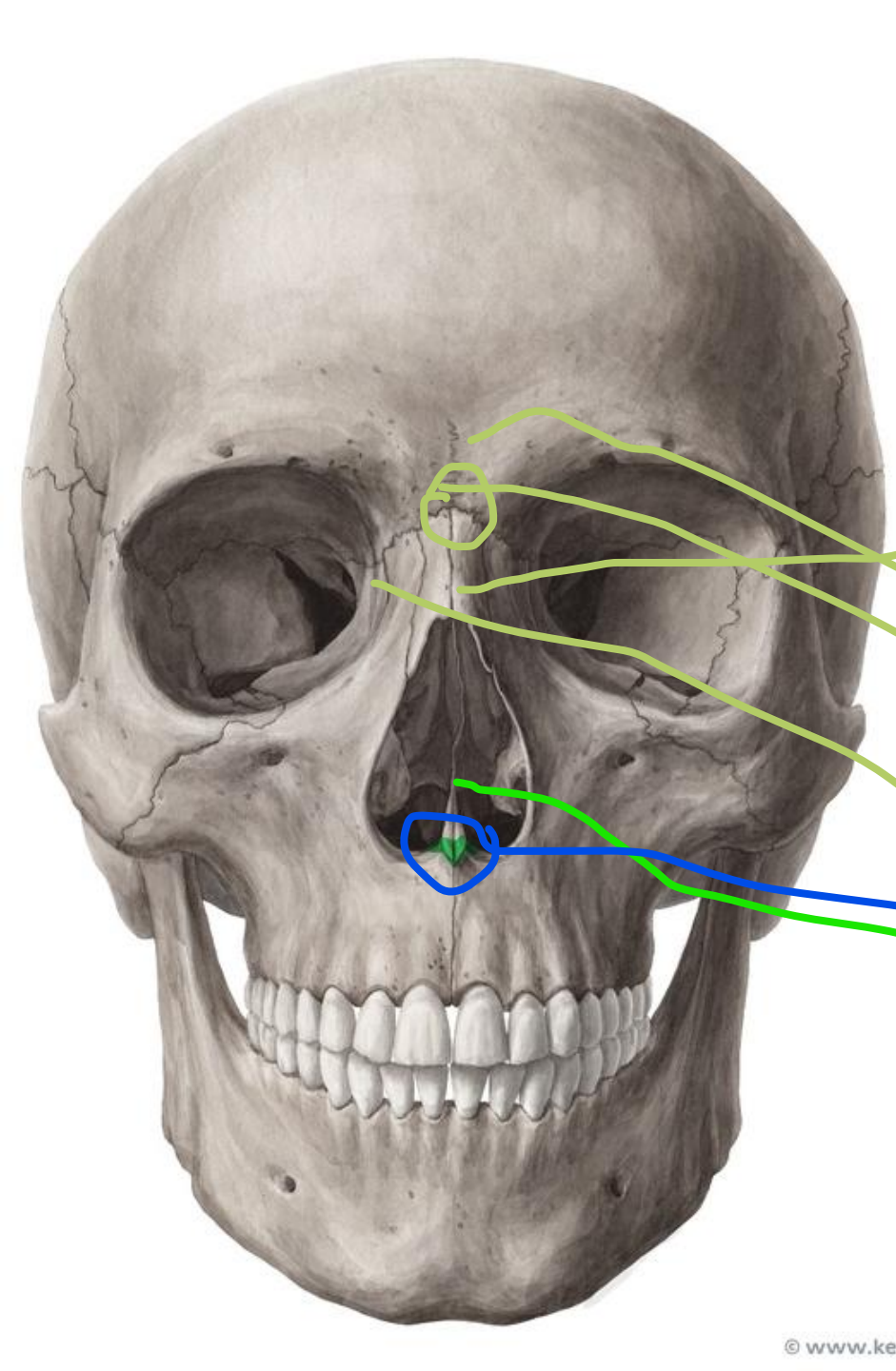
Anatomy images for MSS practical exam- 2020



Identify the followings:

Frontal bone
Nasal bone
Maxilla
Zygomatic bone
Mandible
Supraorbital foramen
Infraorbital foramen
Mental foramen
Superciliary arches
Glabella
Nasion
Anterior nasal spine
Vomer
Ethmoid

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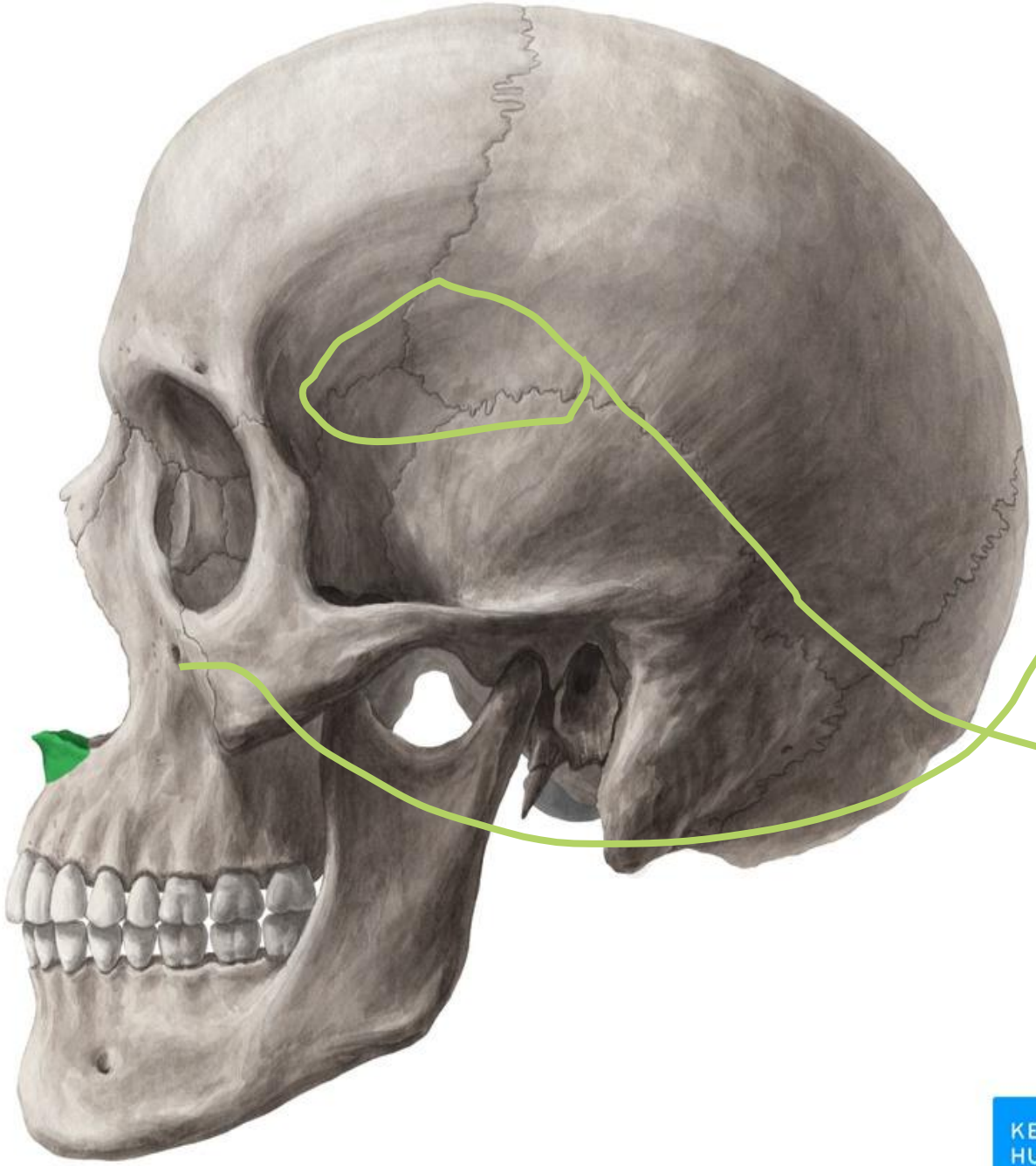
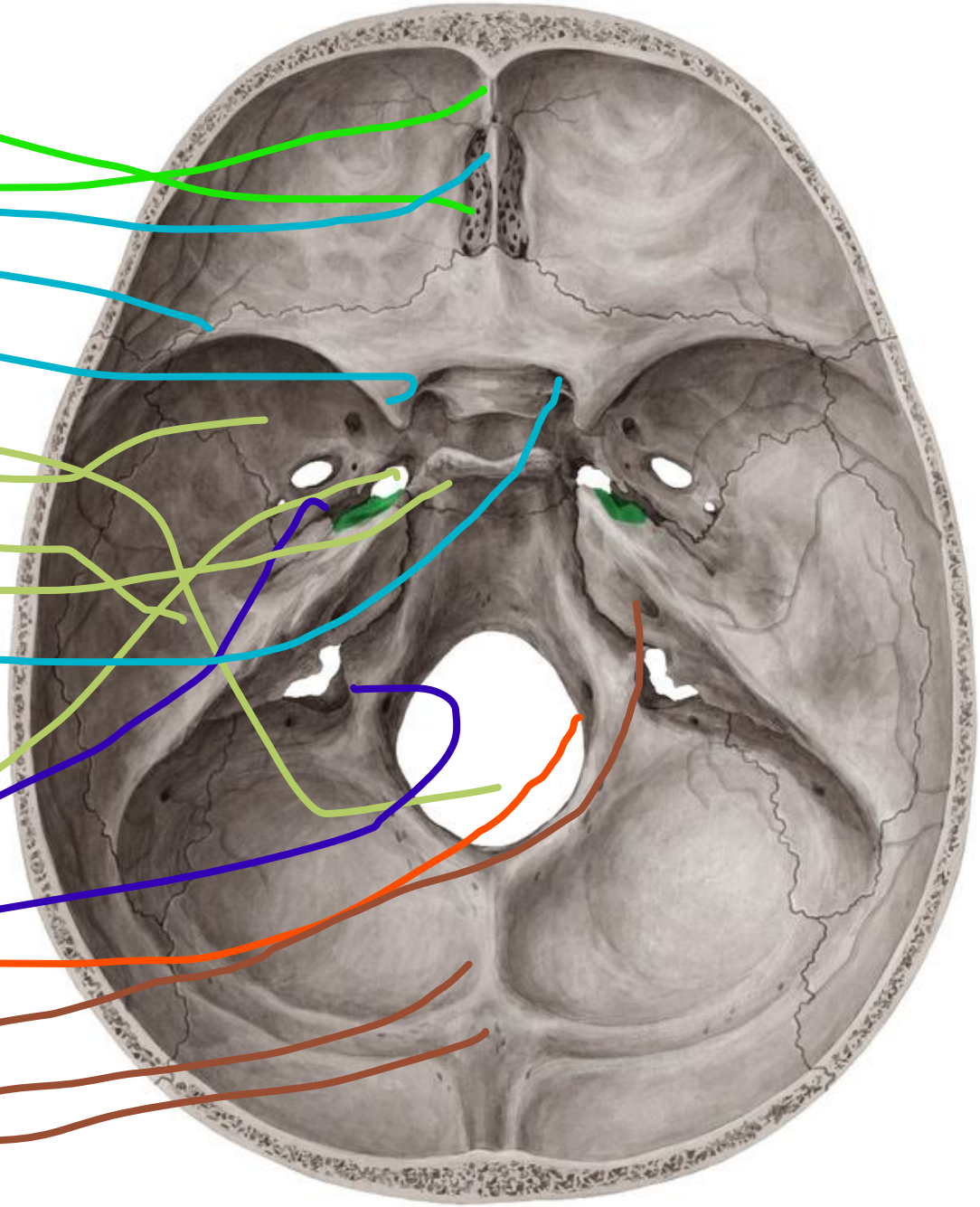


Identify the followings:

Frontal bone
Nasal bone
Maxilla
Zygomatic bone
Mandible
Parietal bone
Occipital bone
Temporal bone
Sphenoid bone (greater wing)
Zygomaticofacial foramen
External auditory meatus
Mastoid process
Styloid process
Pterion
1- Frontal
2- Parietal
3-Squamous part of temporal bone
4-Greater wing of sphenoid

Identify the followings:

Cribriform plate of the ethmoid
Frontal crest
Crista galli
Lesser wing of sphenoid
Anterior clinoid process
Body of sphenoid
Foramen magnum
Greater wing of the sphenoid
Petrous part of the temporal bone
Posterior clinoid process
Optic canal
Foramen rotundum
Foramen ovale
Foramen spinosum
Foramen lacerum
Carotid canal
Jugular foramen
Hypoglossal canal
Internal acoustic meatus
Internal occipital crest
Internal occipital protuberance



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Foramina for cranial nerves

Olfactory nerves: Cribriform plate of the ethmoid
Optic nerve: Optic canal

Oculomotor nerve
Trochlear nerve
Abducent nerve
→ Superior orbital fissure

Trigeminal nerve
Ophthalmic nerve (branches): Superior orbital fissure
Maxillary nerve: Foramen rotundum
Mandibular nerve: Foramen ovale

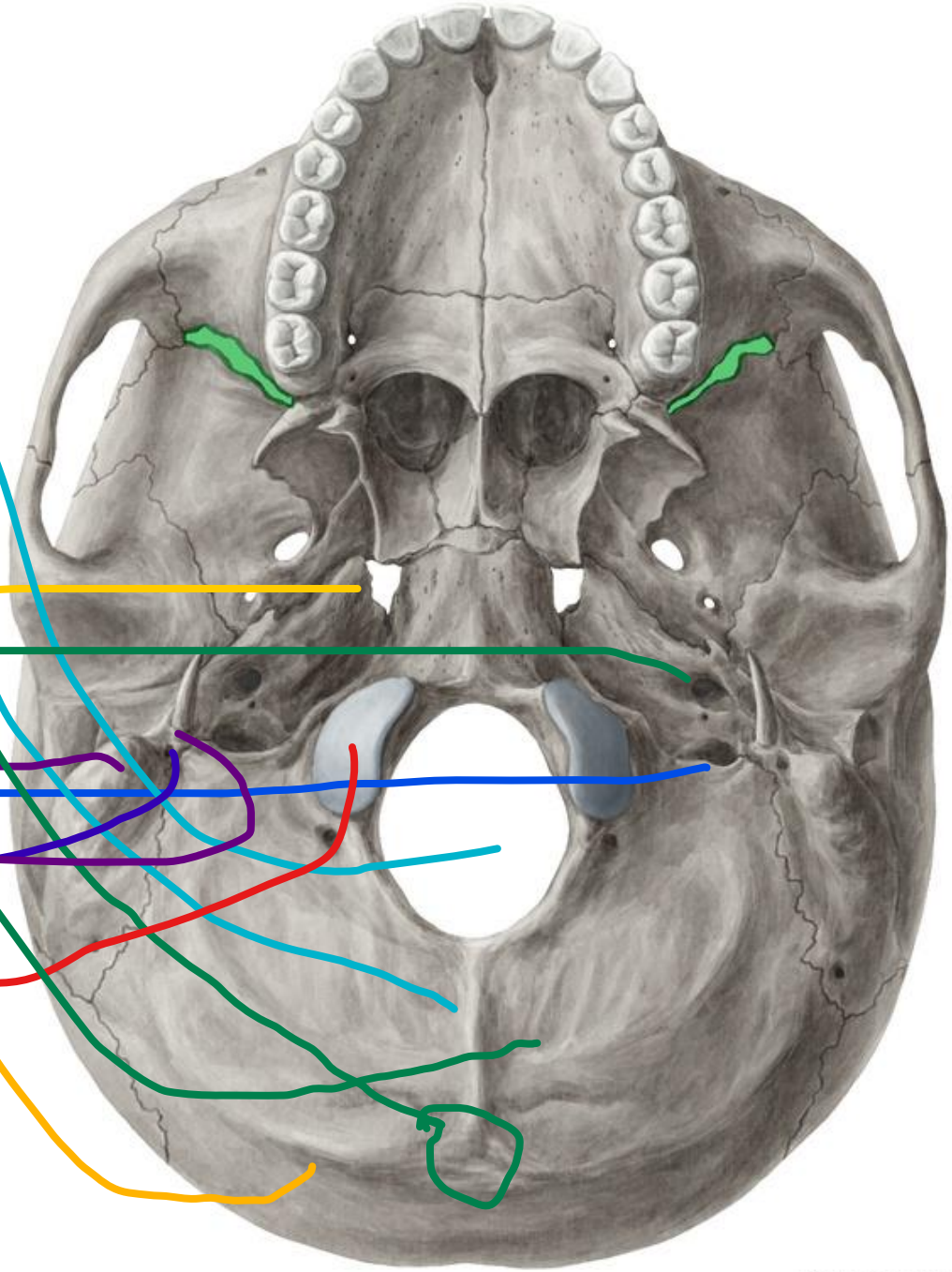
Facial nerve: Internal acoustic meatus, stylomastoid foramen
Vestibulocochlear nerve: Internal acoustic meatus

Glossopharyngeal nerve
Vagus nerve
Accessory nerve
→ Jugular foramen

Hypoglossal canal: Hypoglossal nerve

Identify the followings:

Foramen magnum
External occipital crest
External occipital protuberance
Inferior nuchal line
Superior nuchal line
Foramen ovale
Foramen spinosum
Foramen lacerum
Opening for carotid canal
Jugular foramen
Hypoglossal canal
Mastoid process
Styloid process
Stylomastoid foramen
Occipital condyles



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Identify the followings:

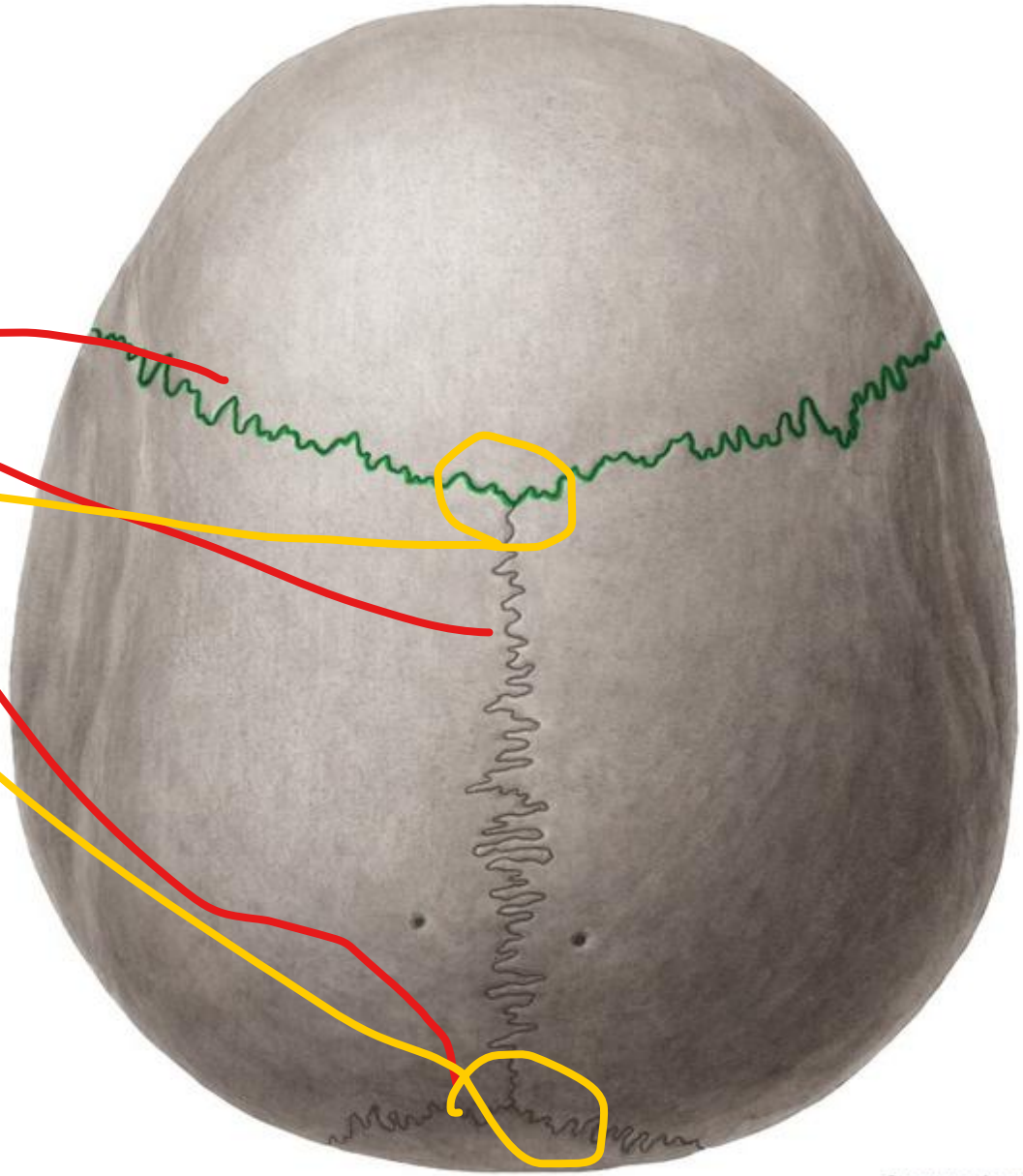
Coronal suture

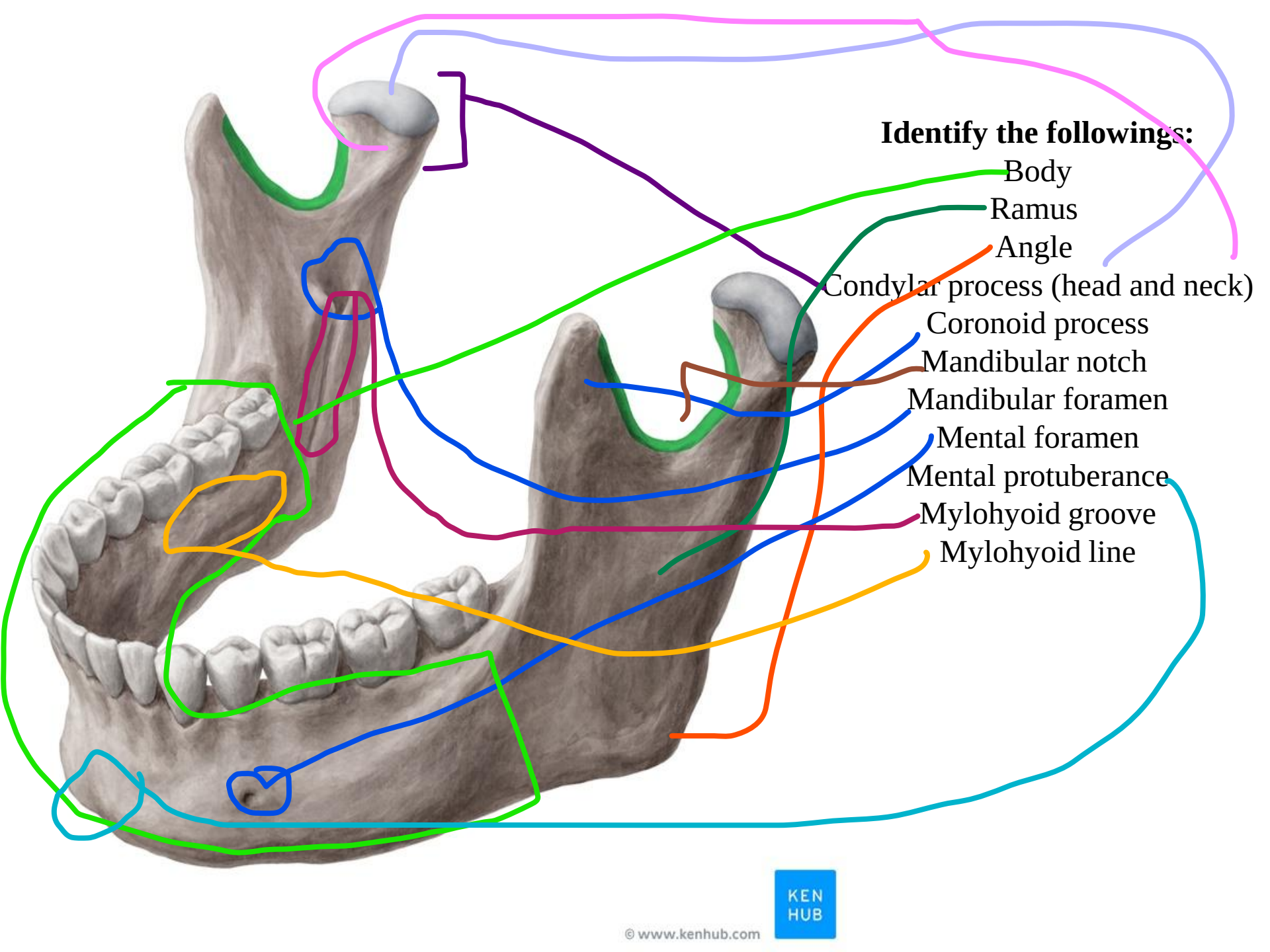
Sagittal suture

Lambdoid suture

Bregma

Lambda





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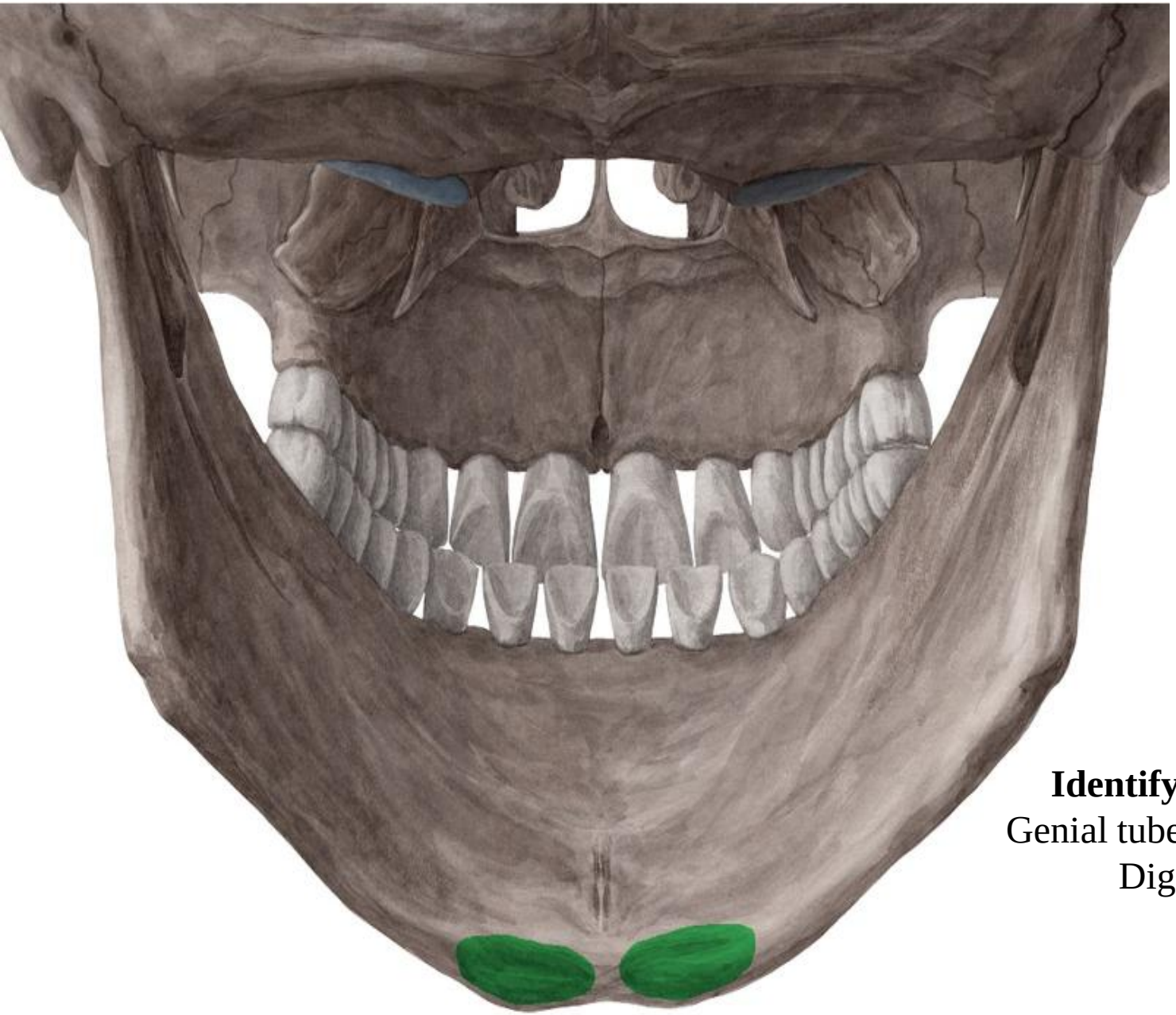
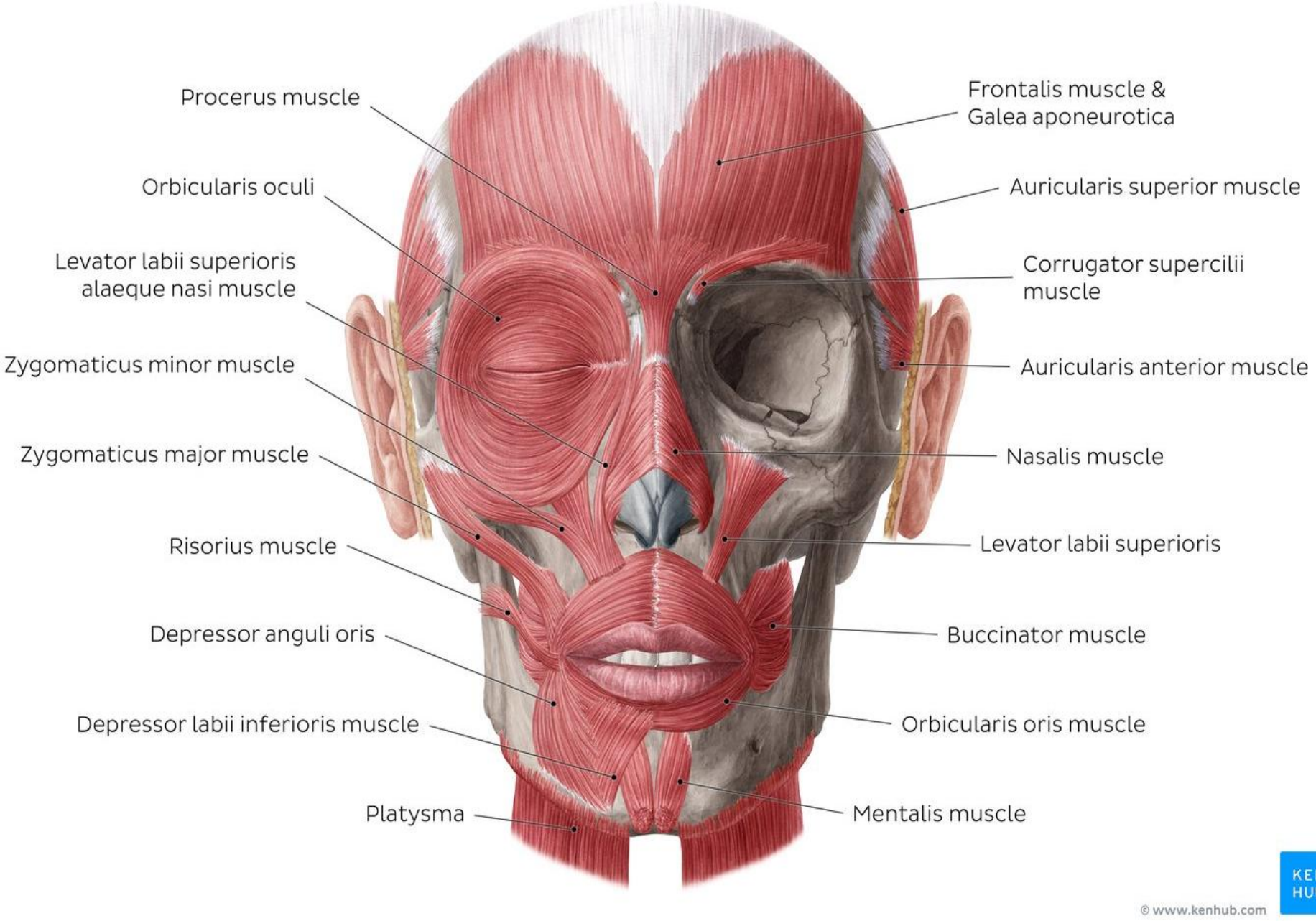


Identify the followings:

Genial tubercle (Mental spine)

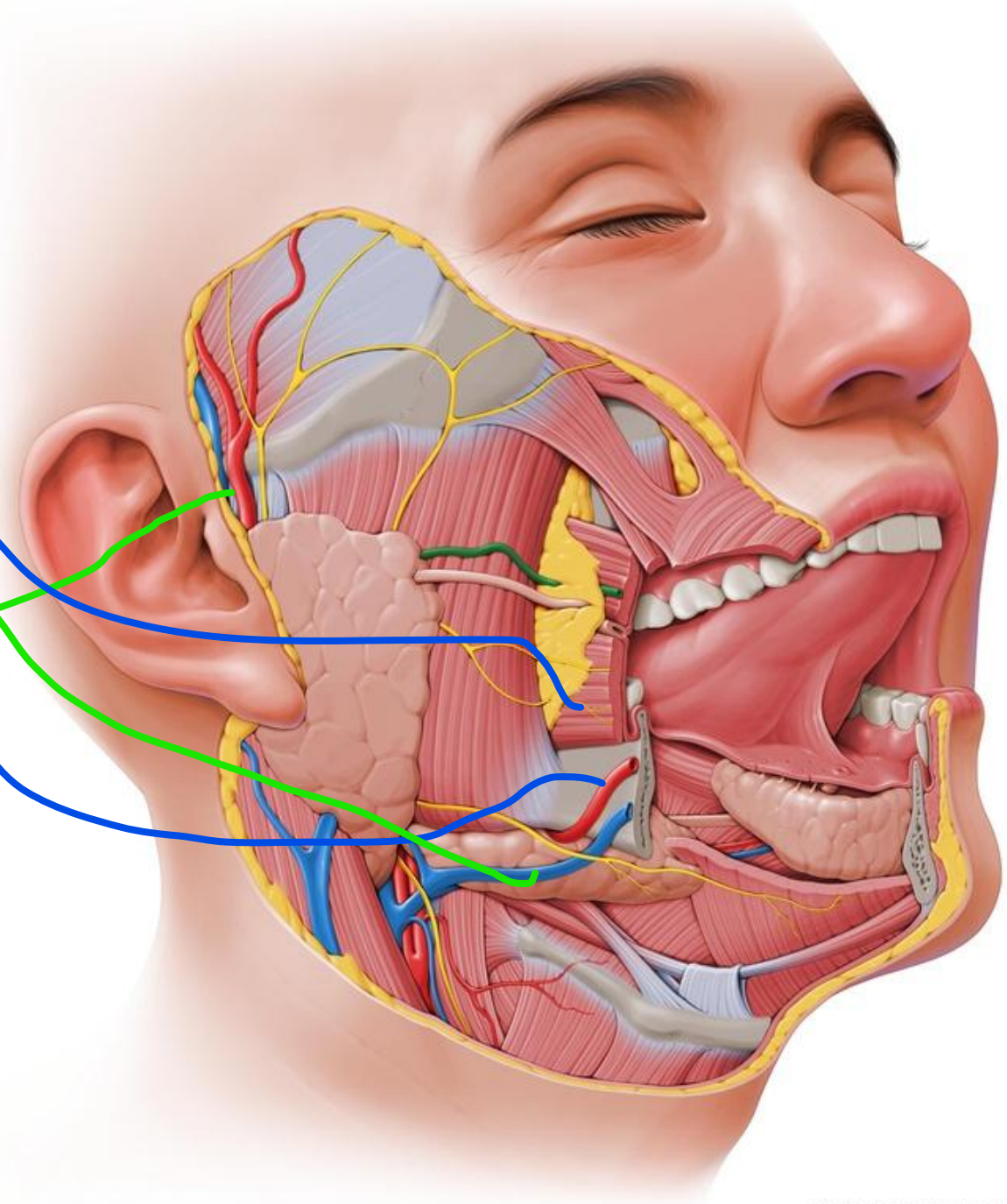
Digastrics fossa



Identify the following muscles (action and nerve supply):
Orbicularis oculi, orbicularis oris, buccinator, and frontalis

Identify the followings:

Parotid gland
Parotid duct
Buccinator
Submandibular gland
Facial artery
Facial vein
External jugular vein
Superficial temporal artery
Branches of facial nerve



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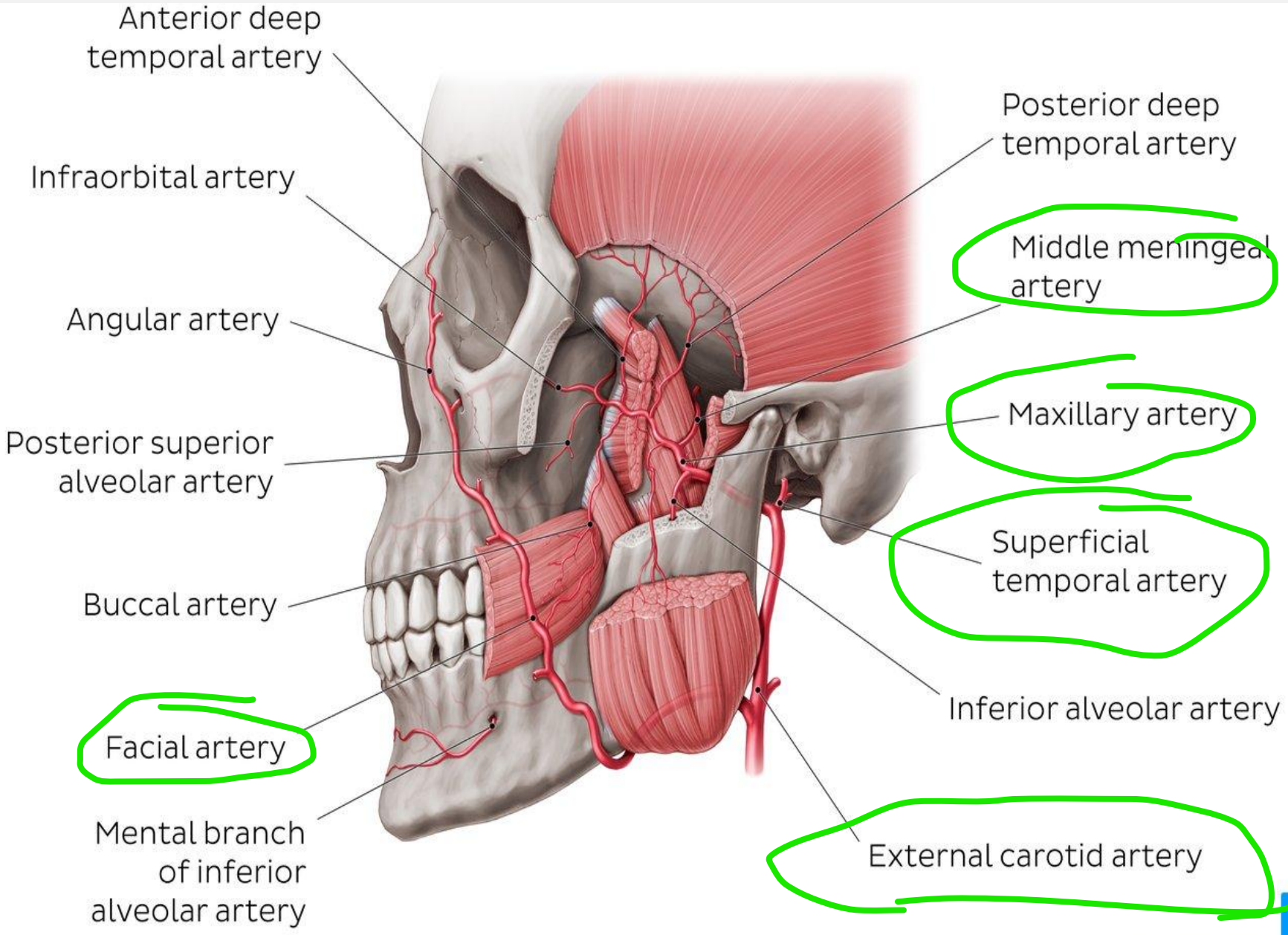
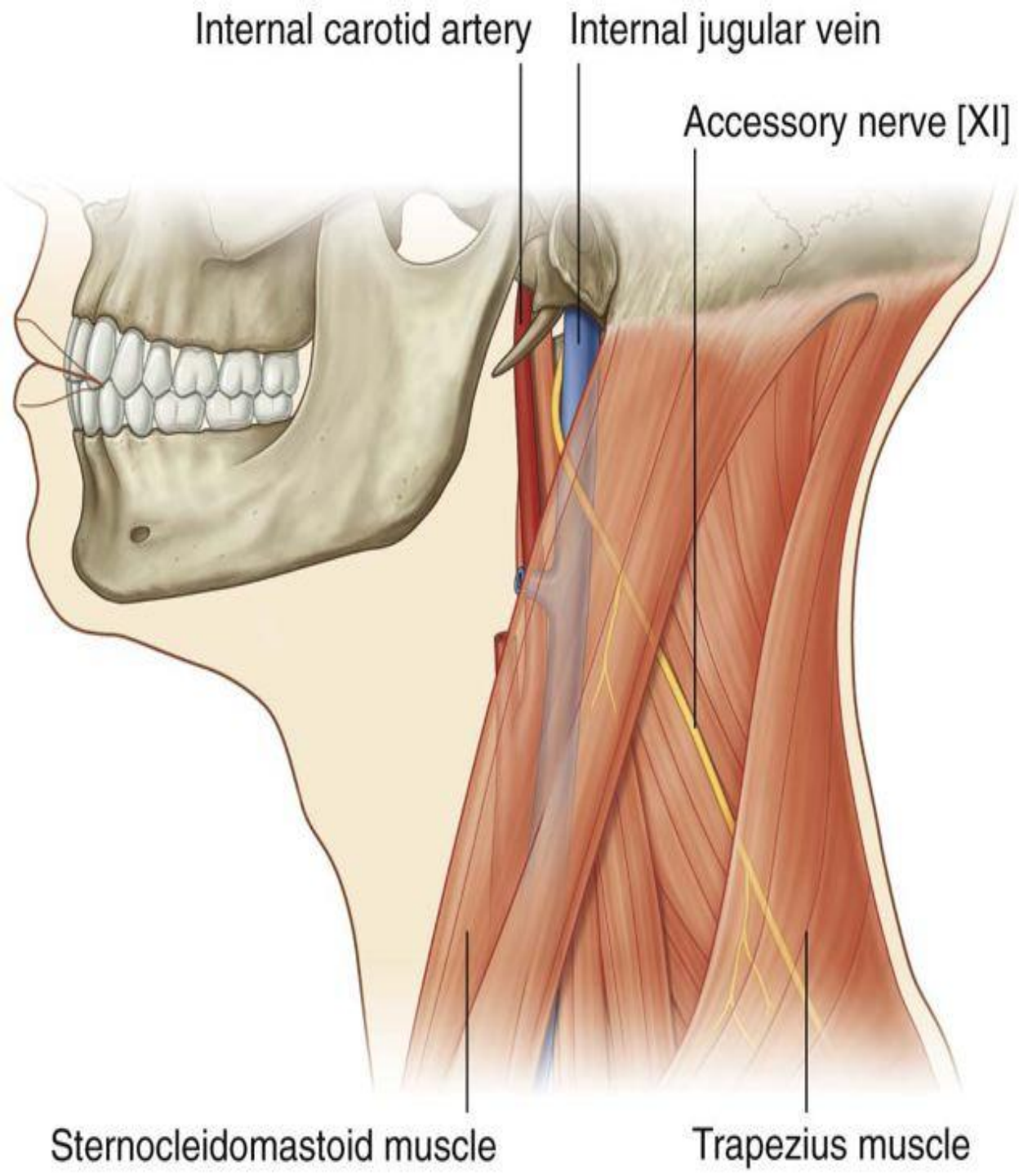
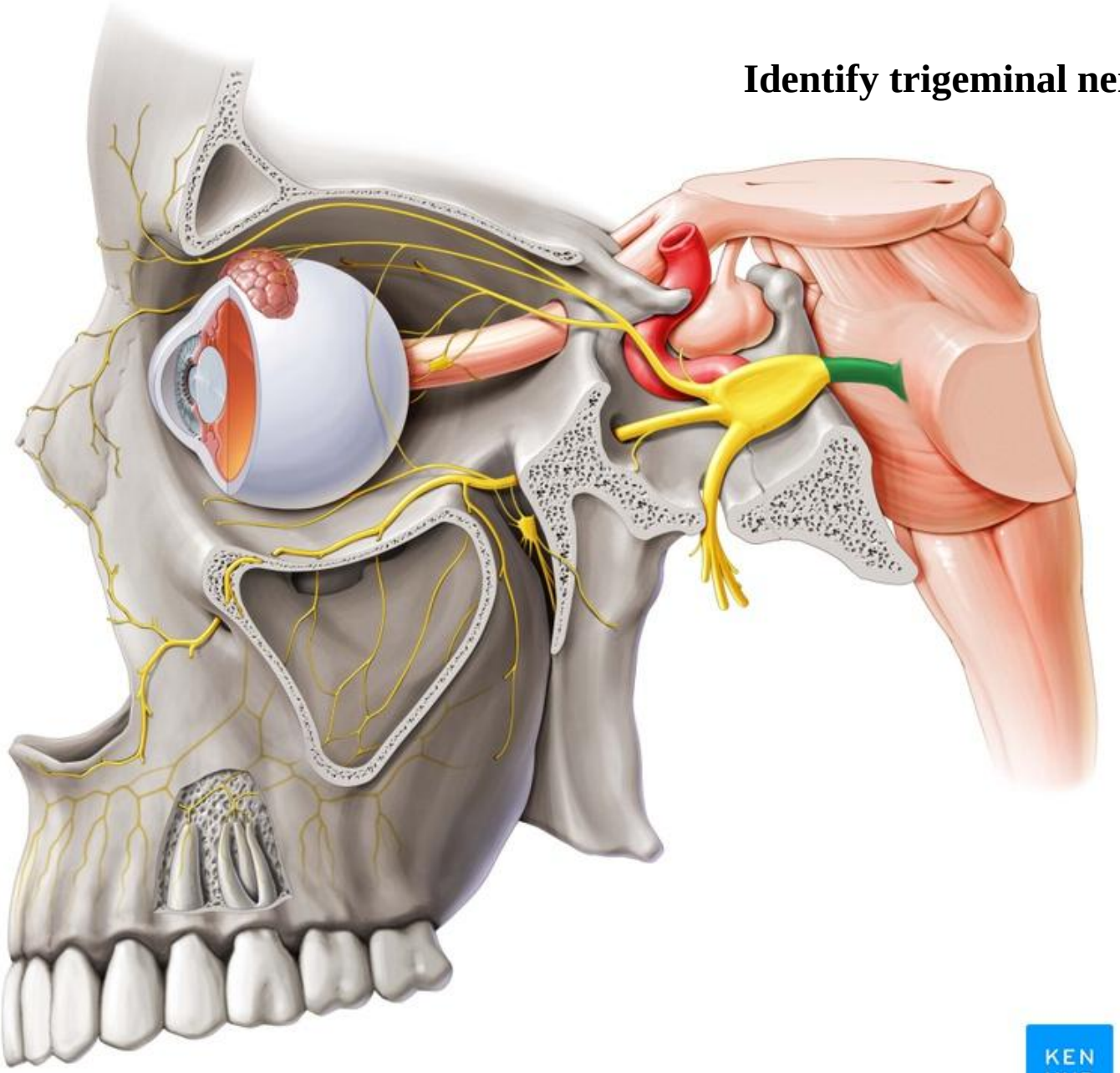
Identify the followings: External carotid artery, Facial artery, Maxillary artery, Middle meningeal artery, Superficial temporal artery



Identify the followings:
Common carotid artery
External carotid artery
Internal carotid artery
Internal jugular vein
Accessory nerve (spinal)



Identify trigeminal nerve and its branches



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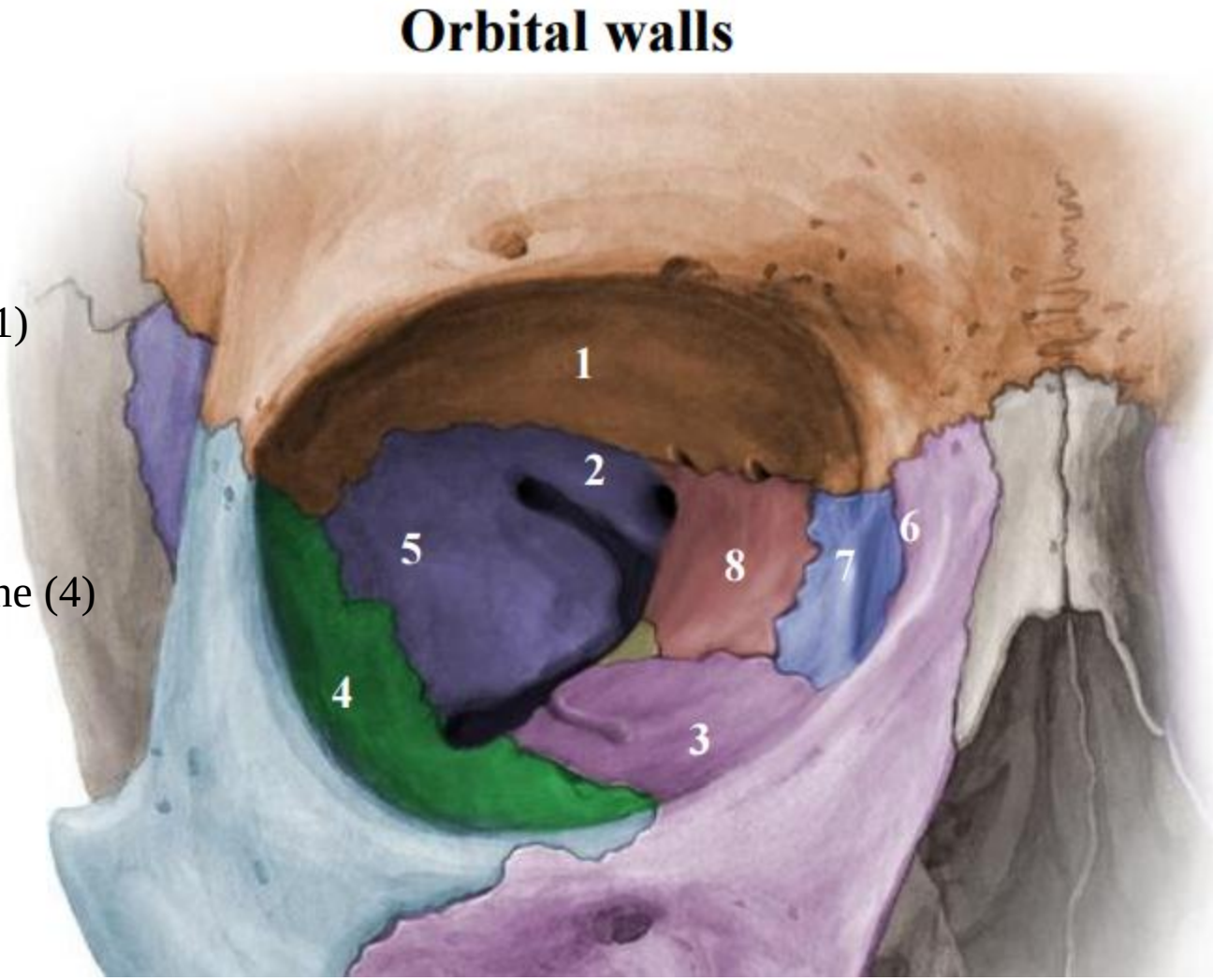
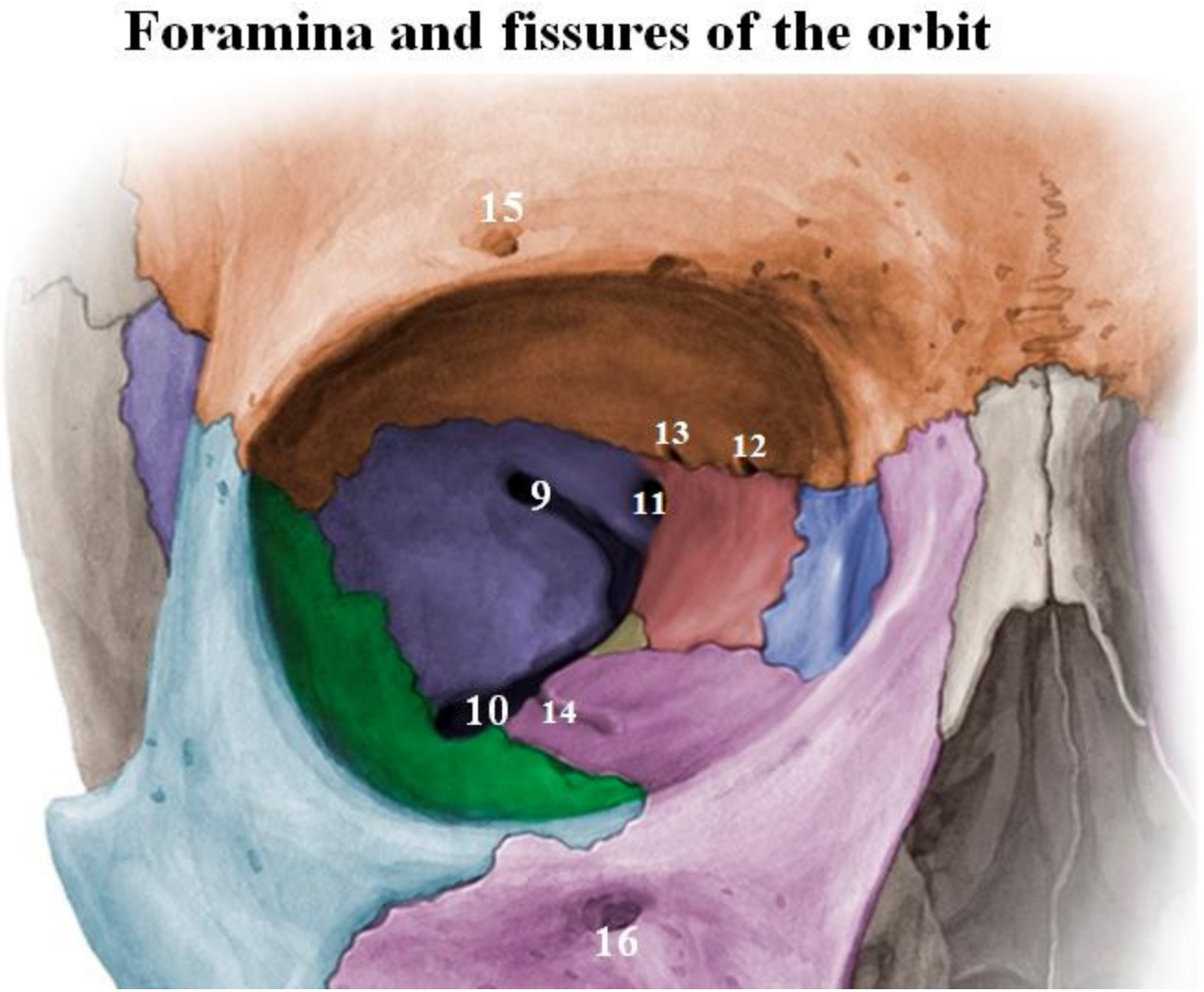
Orbital walls

Roof:
Orbital plate of frontal bone (1)
Lesser wing of sphenoid (2)
Floor:
Orbital plate of maxilla (3)
Lateral wall:
Orbital plate of zygomatic bone (4)
Greater wing of sphenoid (5)
Medial wall:
Frontal process of maxilla (6)
Lacrimal bone (7)
Orbital plate of ethmoid (8)

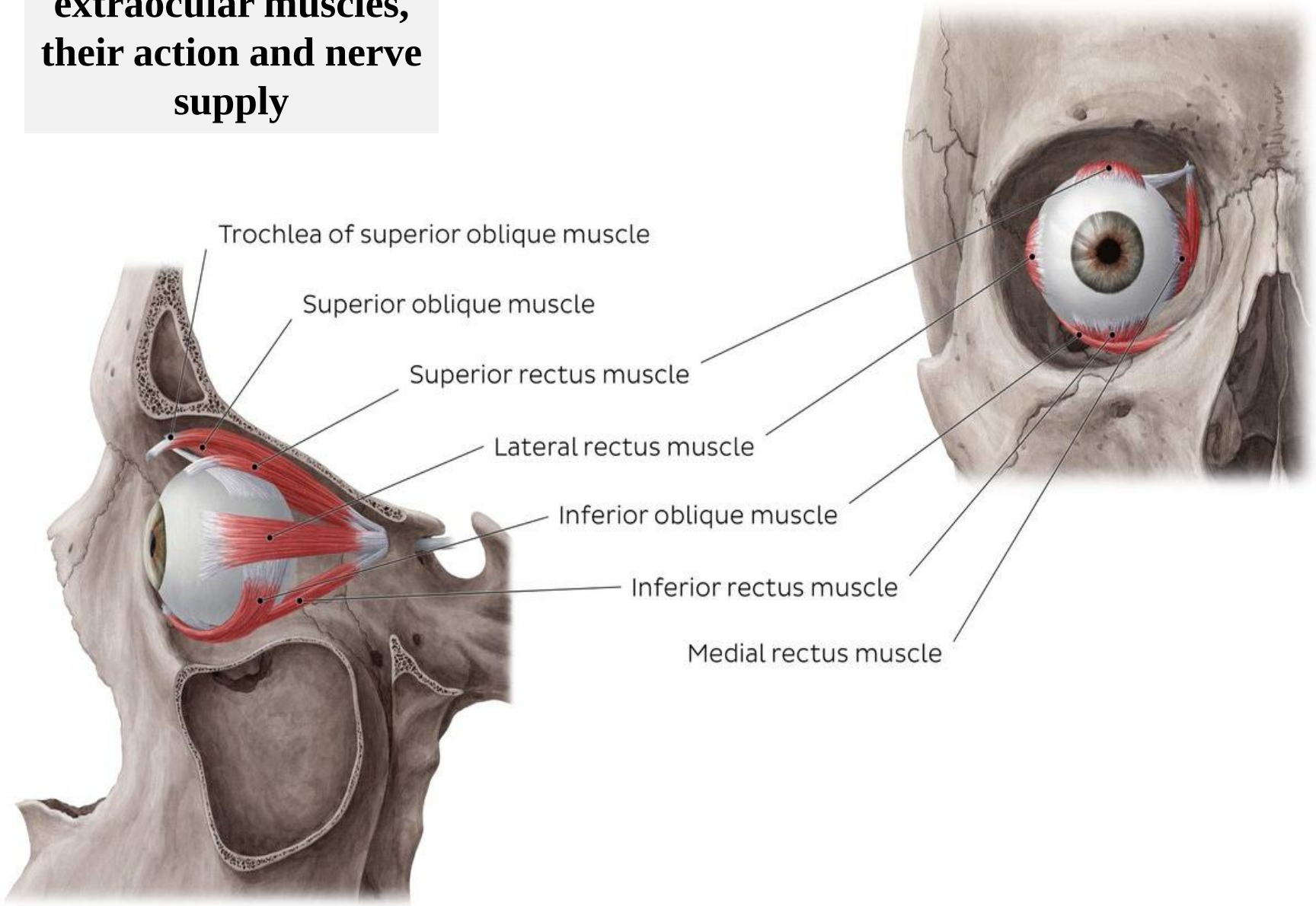


Foramina and fissures of the orbit (and structures passing through)

Superior orbital fissure (9)
Inferior orbital fissure (10)
Optic canal (11)
Anterior and posterior ethmoidal foramina (12, 13)
Infraorbital groove and canal (14)
Supraorbital foramen (15)
Infraorbital foramen (16)



Identify the extraocular muscles, their action and nerve supply



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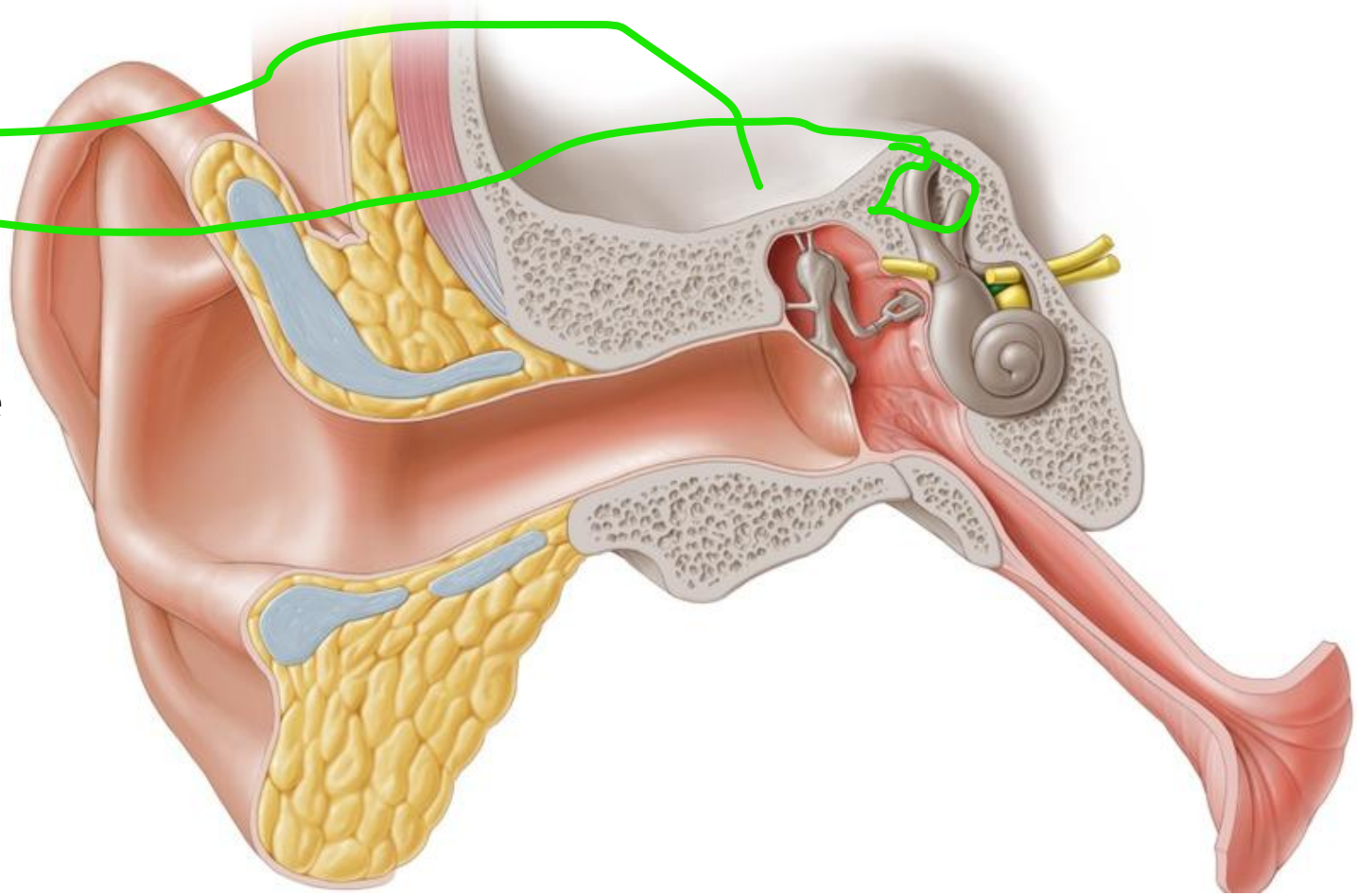
Identify the followings:

Inner, middle and inner ear
Pinna (auricle)
External acoustic meatus
Tympanic membrane
Umbo
Malleus
Incus
Stapes
Eustachian tube
Tegmen tympani
Semicircular canals
Vestibule
Cochlea
Facial nerve
Vestibulocochlear nerve

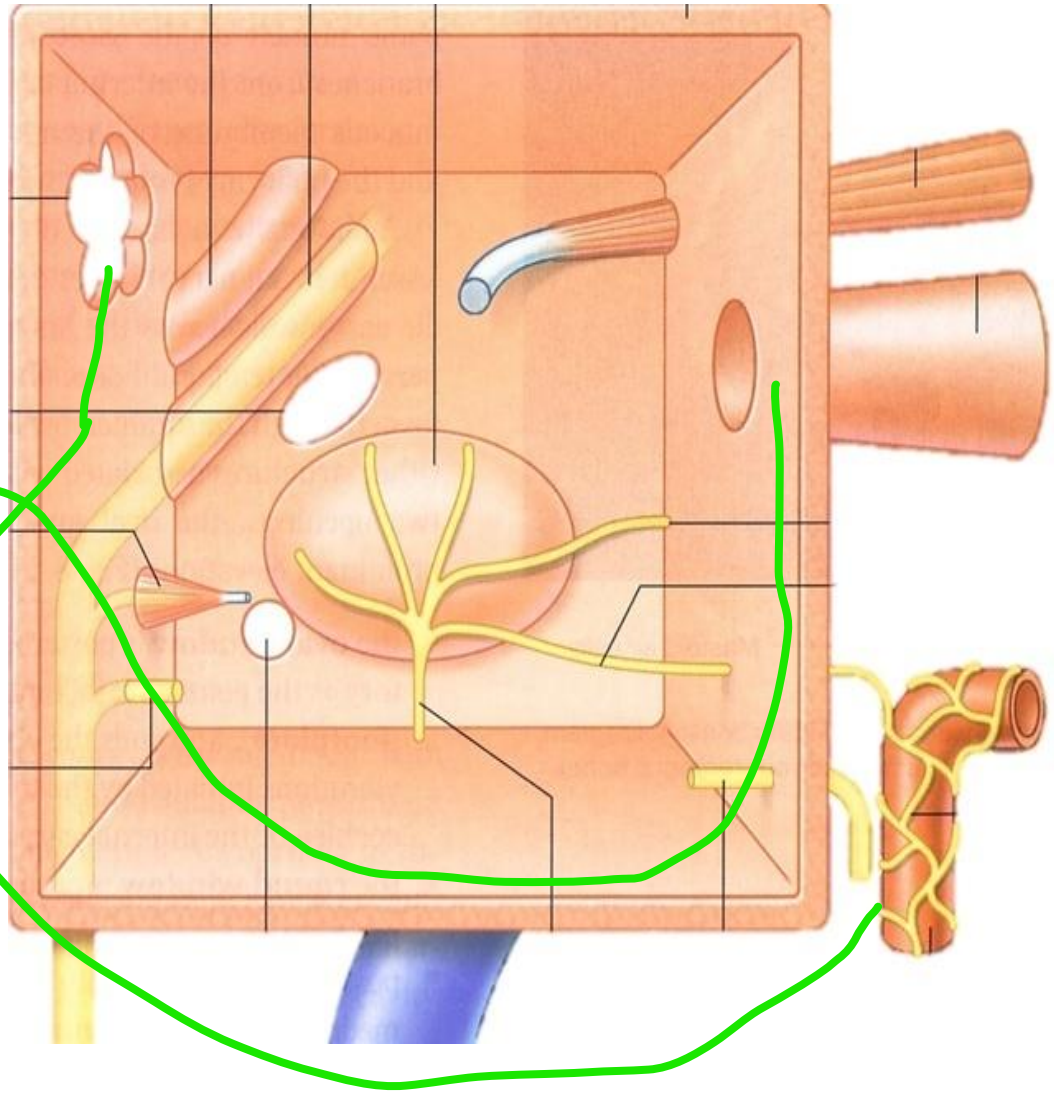


Middle ear

Identify the followings :

Anterior wall
Medial wall
Posterior wall
Roof
Floor

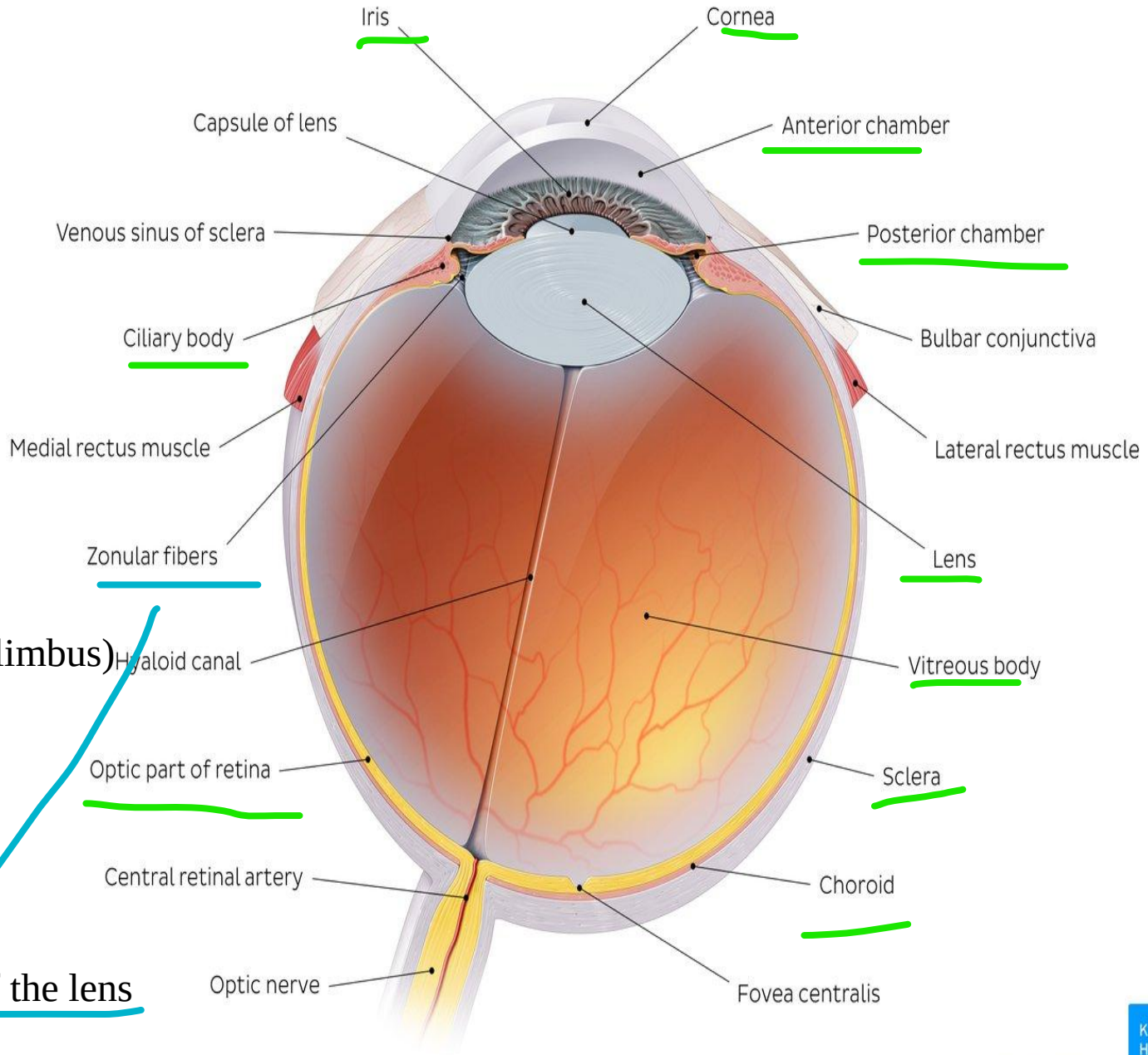
Canal for tensor tympani
Eustachian tube
Internal carotid artery
Sympathetic carotid plexus
Internal jugular vein
Oval window
Round window
Promotory
Tympanic plexus
Facial canal
Adidus to mastoid
Pyramid and stapedius muscle
Chorda tympani



Identify the followings:

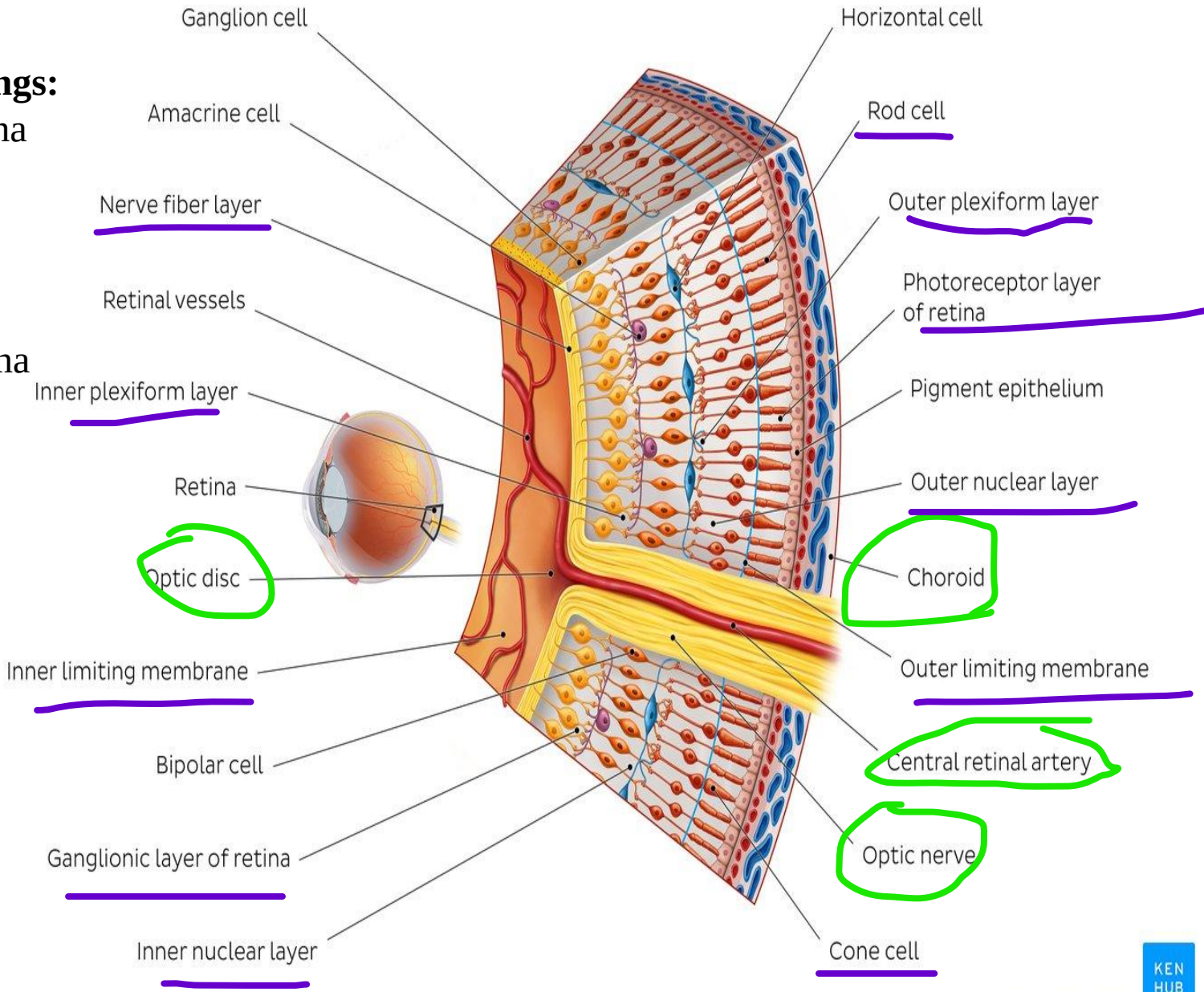
Outer fibrous coat
Cornea
Sclera
Middle vascular coat
Choroid
Ciliary body
Iris
Inner nervous coat
Retina

Corneoscleral junction (limbus)
Pupil
Lens
Anterior chamber
Posterior chamber
Aqueous humor
Vitreous body
Suspensory ligaments of the lens



Identify the followings:

The 10 layers of retina
The cells of retina
Choroid
Optic disc
Optic nerve
Central artery of retina



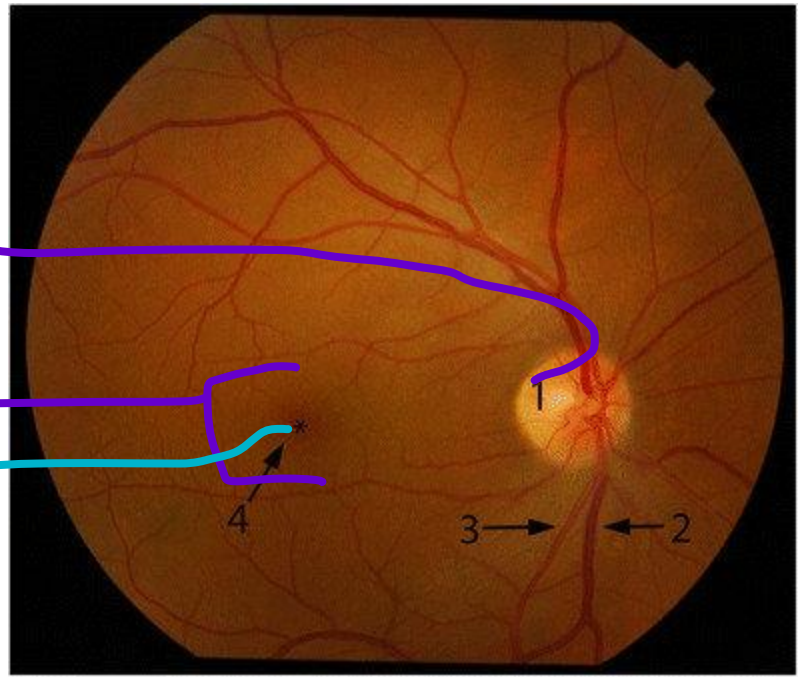
Identify the followings:

Optic disc

Macula lutea

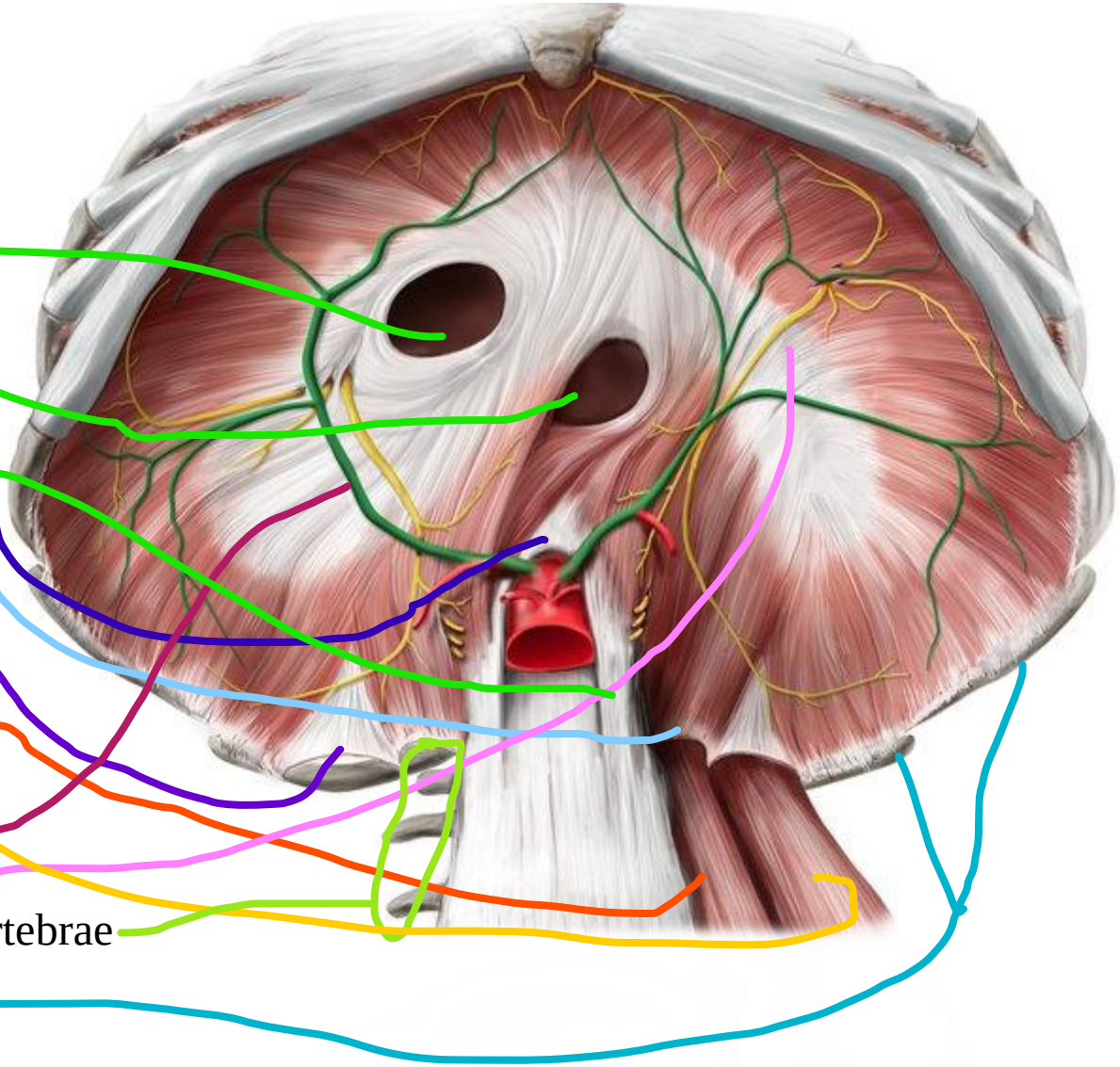
Fovia centralis

Retinal vessels



Identify the followings:

Central tendon
Caval opening
Aortic opening
Esophageal opening
Right crus
Left crus
Median arcuate ligament
Medial arcuate ligament
Lateral arcuate ligament
Psoas major
Quadratus lumborum
Abdominal aorta
Inferior phrenic artery
Phrenic nerve
1st, 2nd and 3rd lumbar vertebrae
Ribs 11 and 12



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Identify the followings:

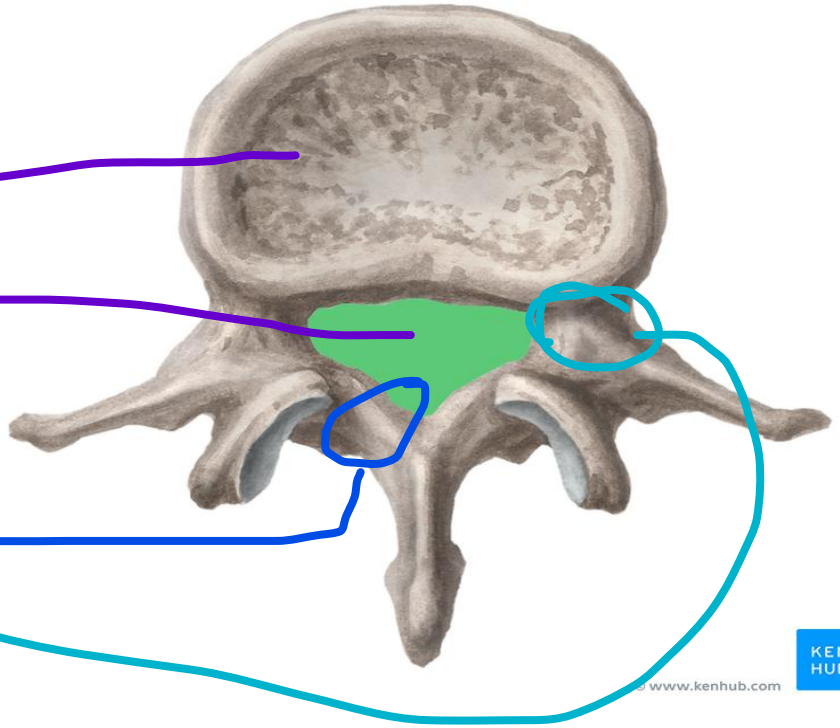
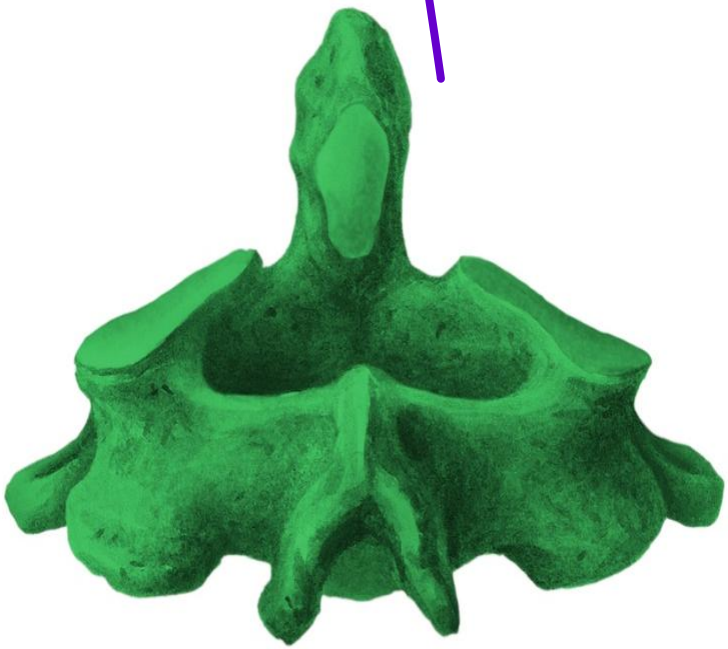
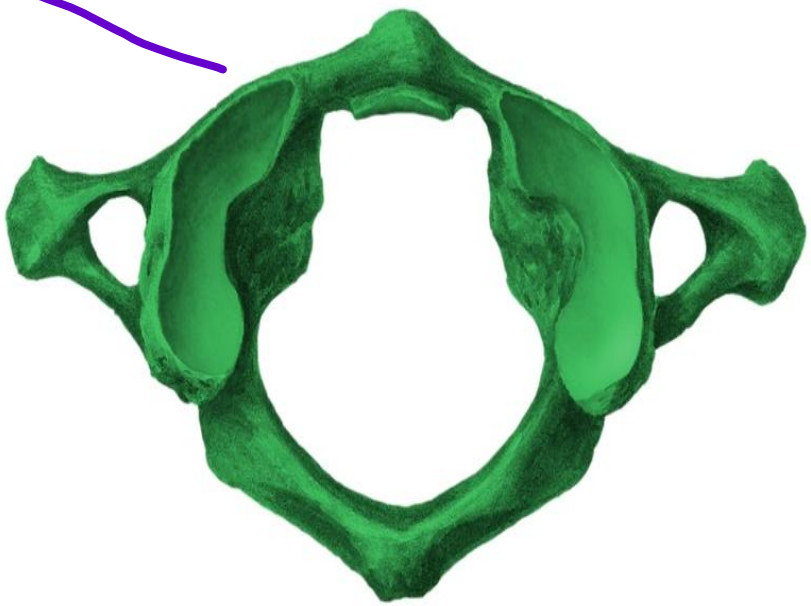
Vertebral body

Vertebral foramen

7 processes

Pedicle

Lamina

Atlas

Axis