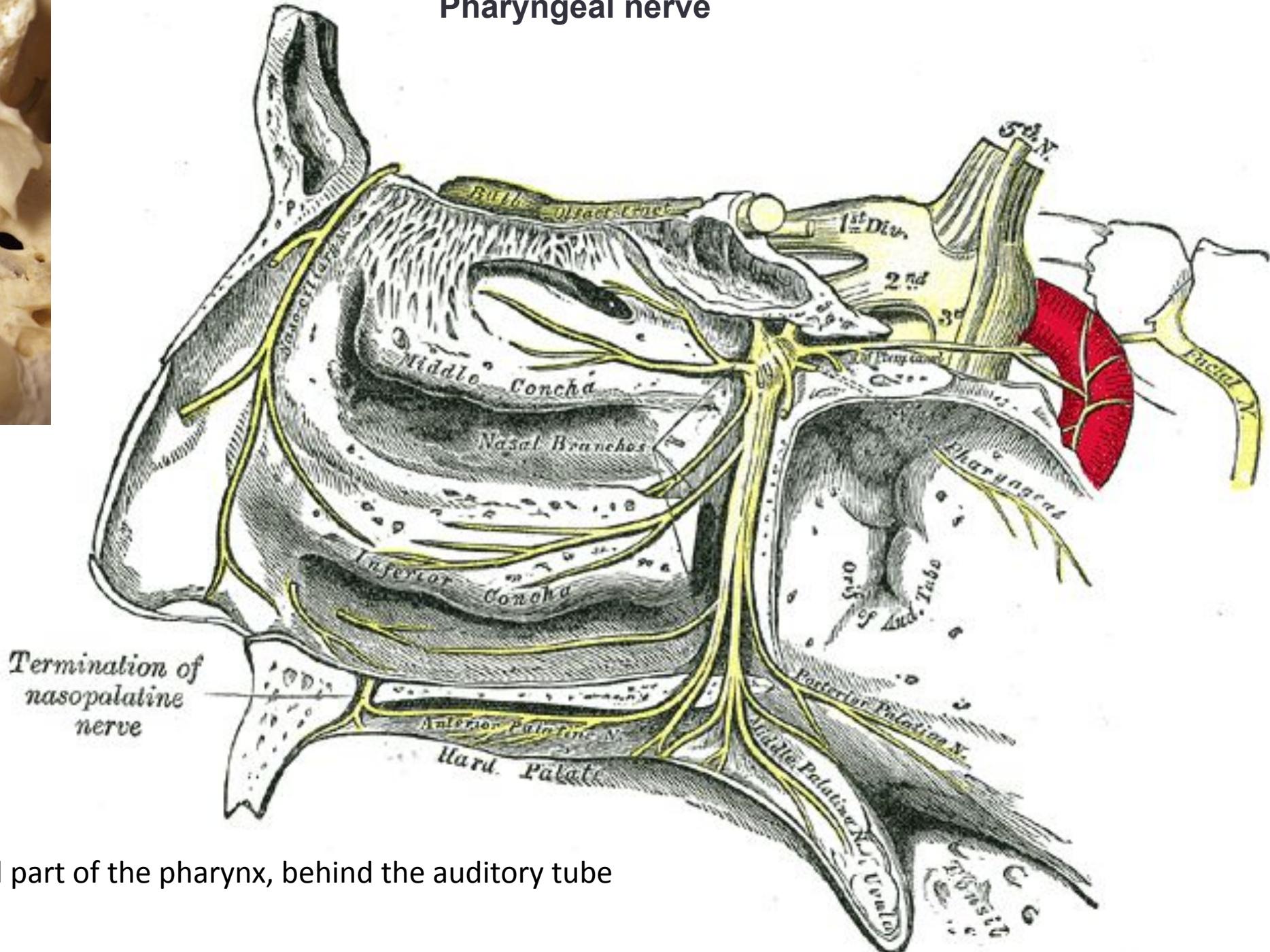
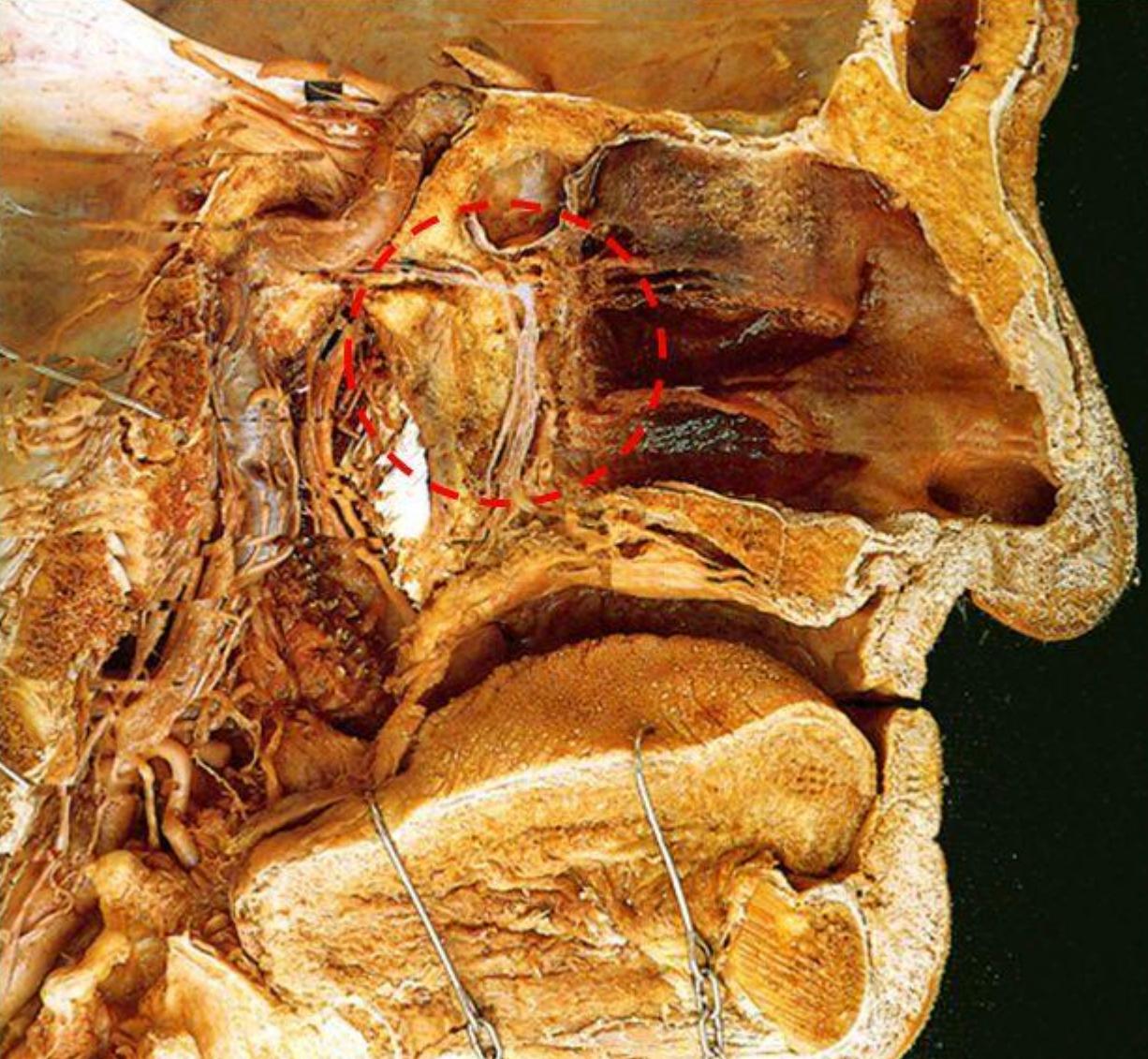


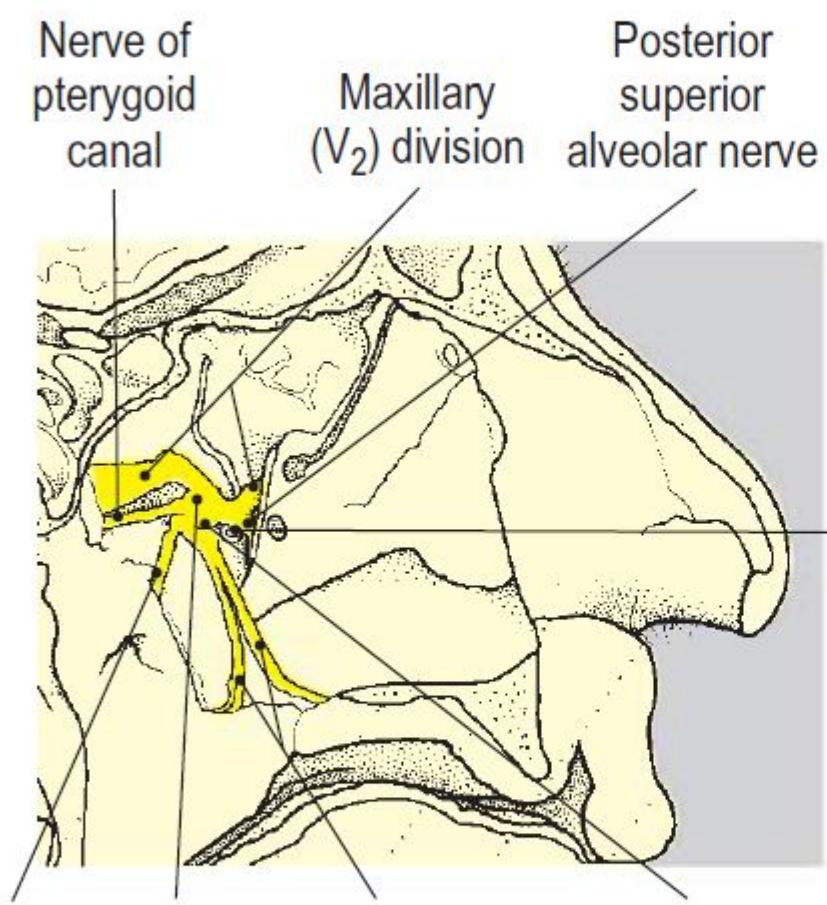
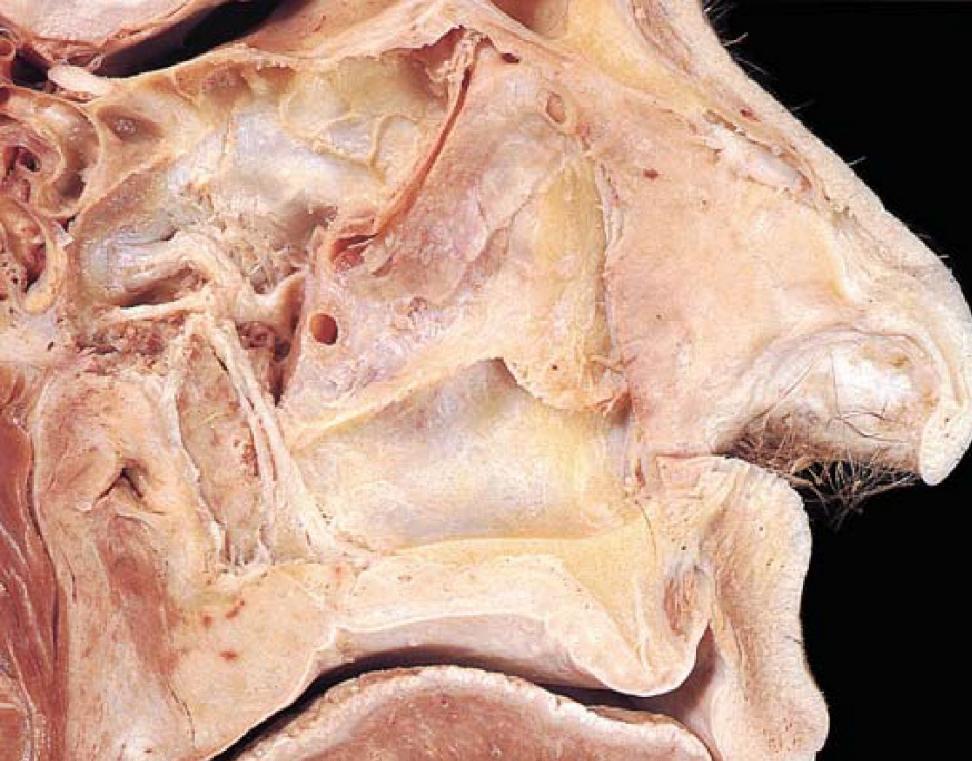
Pharyngeal nerve



mucous membrane of the nasal part of the pharynx, behind the auditory tube



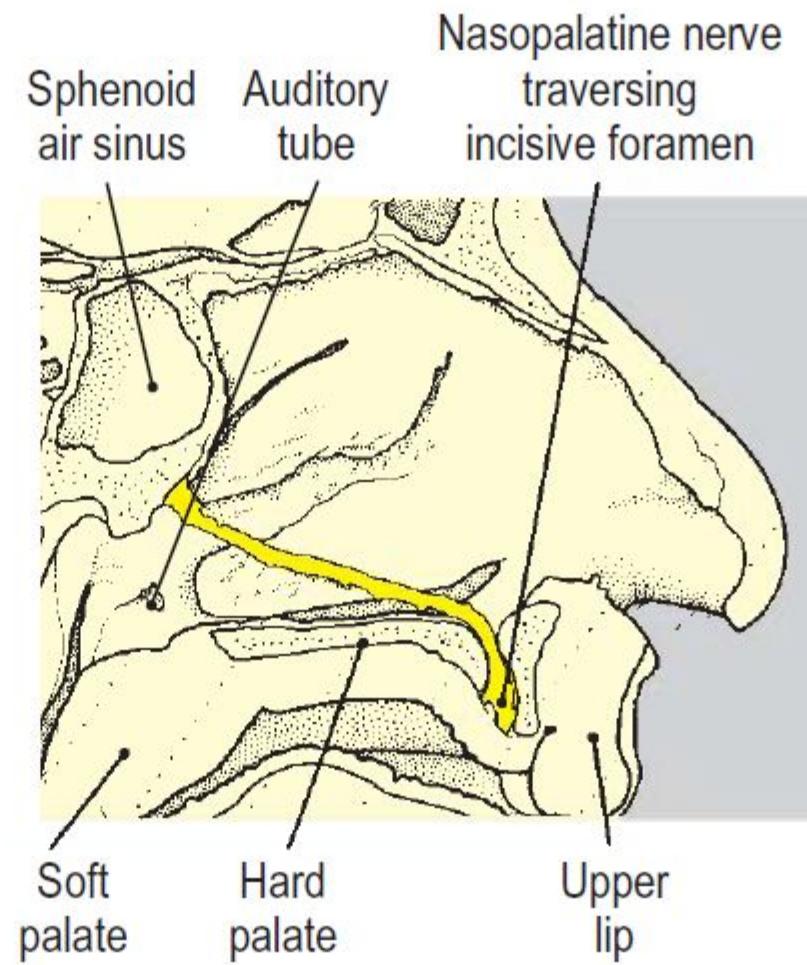
n. Intermedius - portio intermedia n. Facialis - n. petrosus major

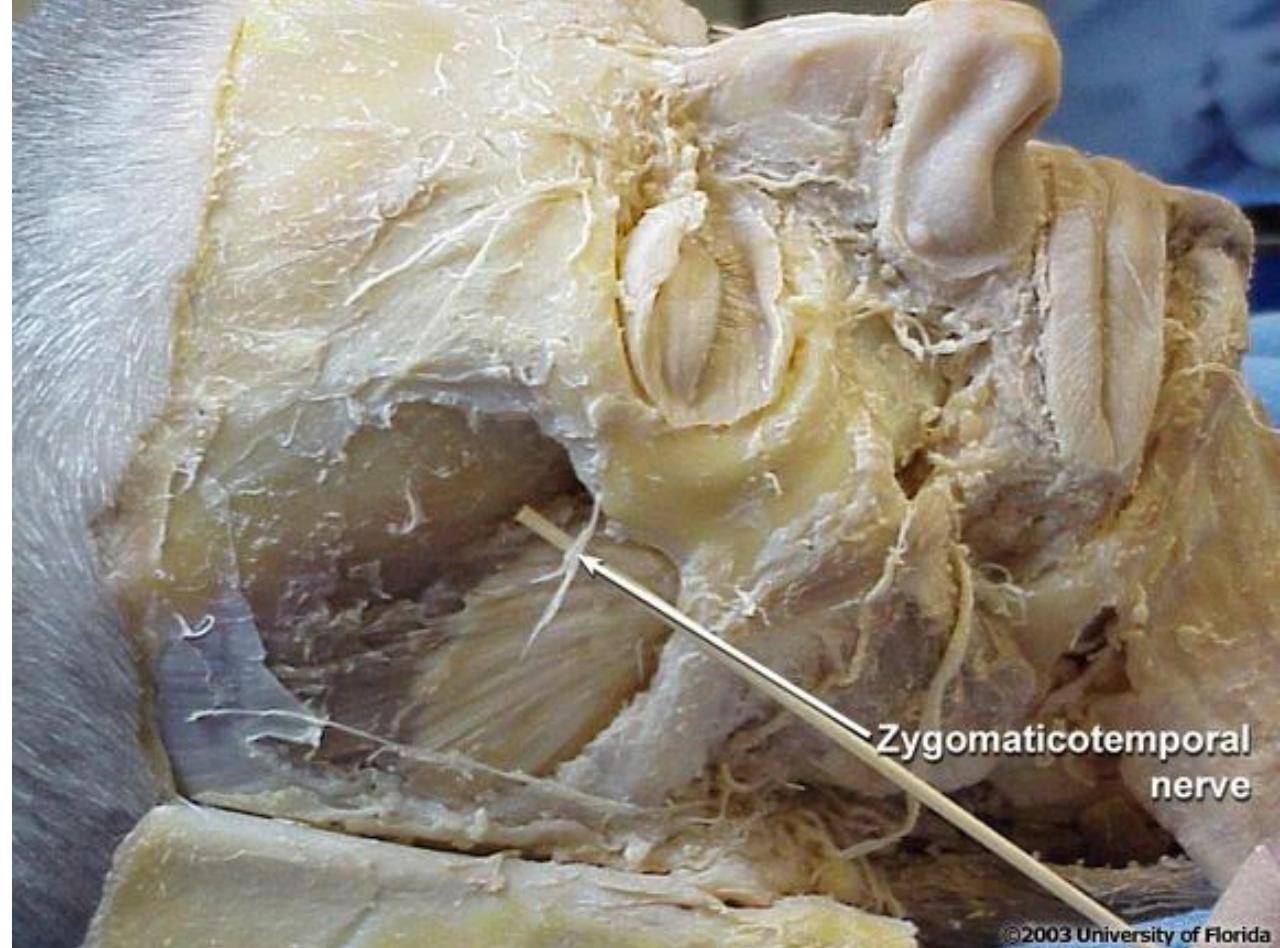
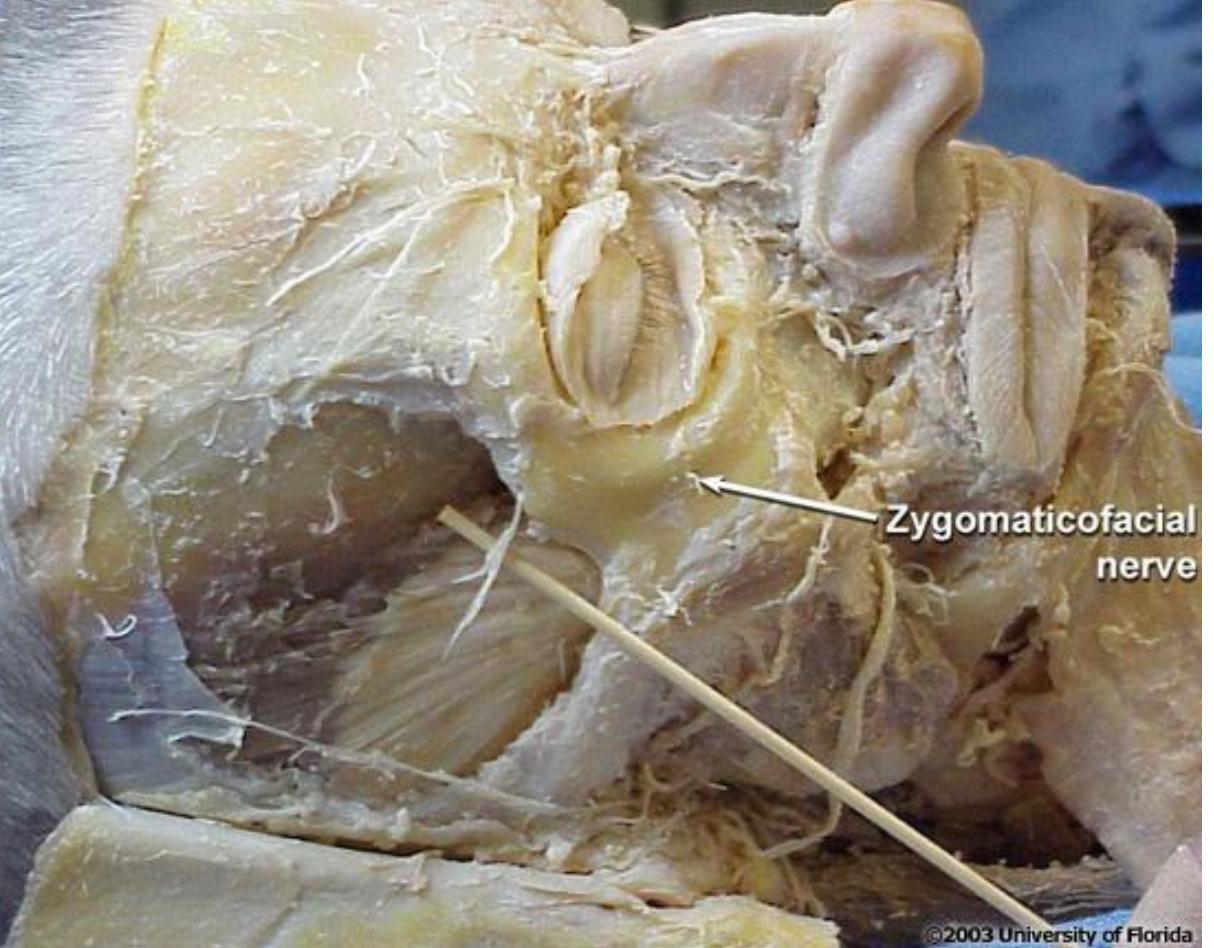


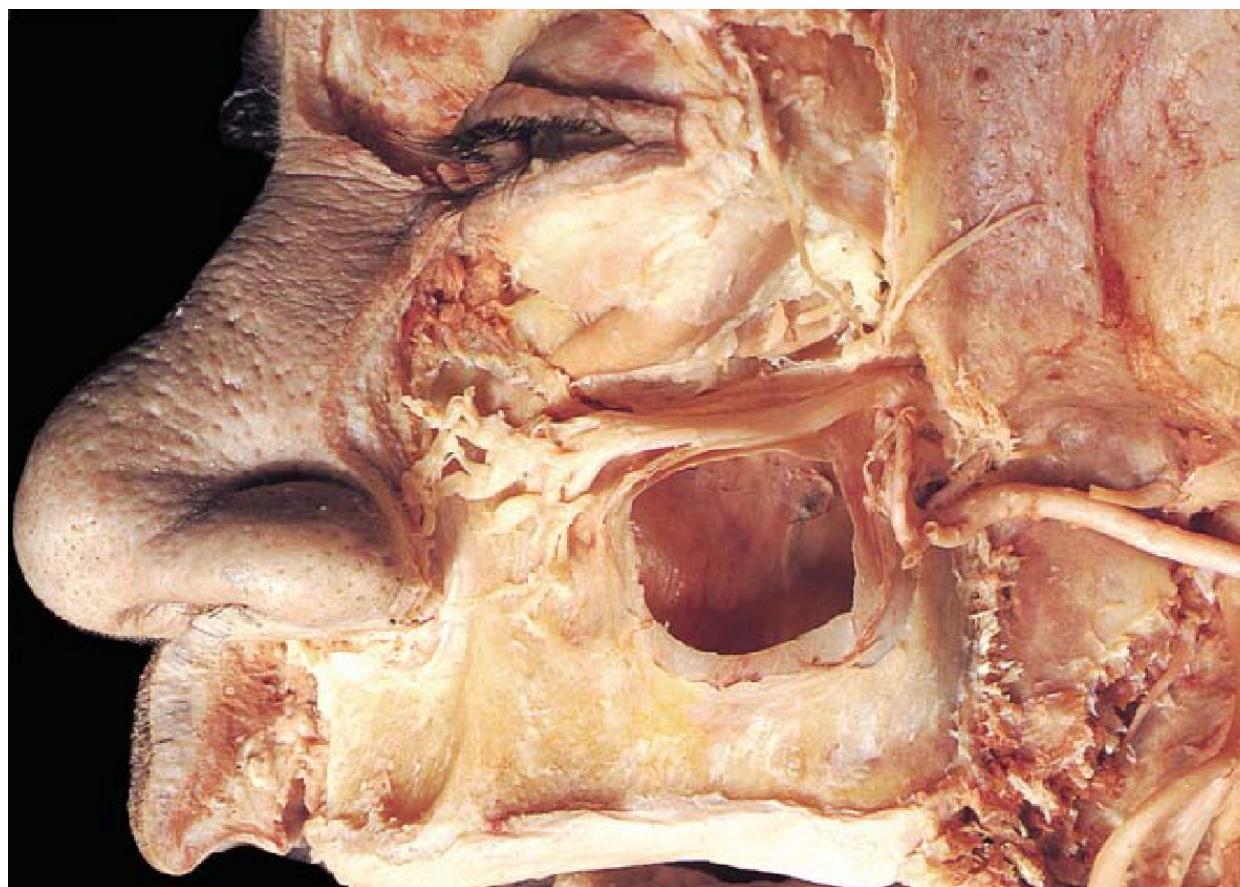
Medial view of the contents of the pterygopalatine fossa



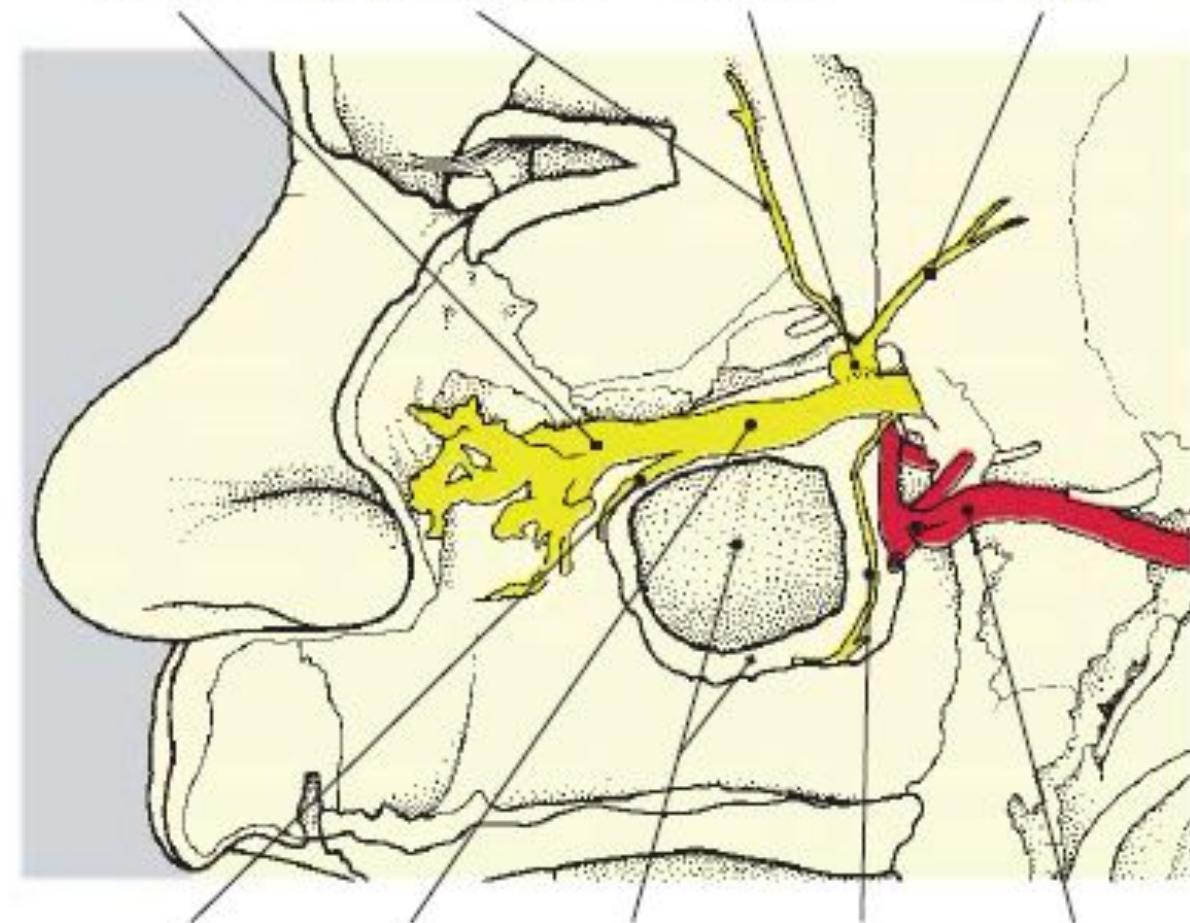
nasopalatine nerve





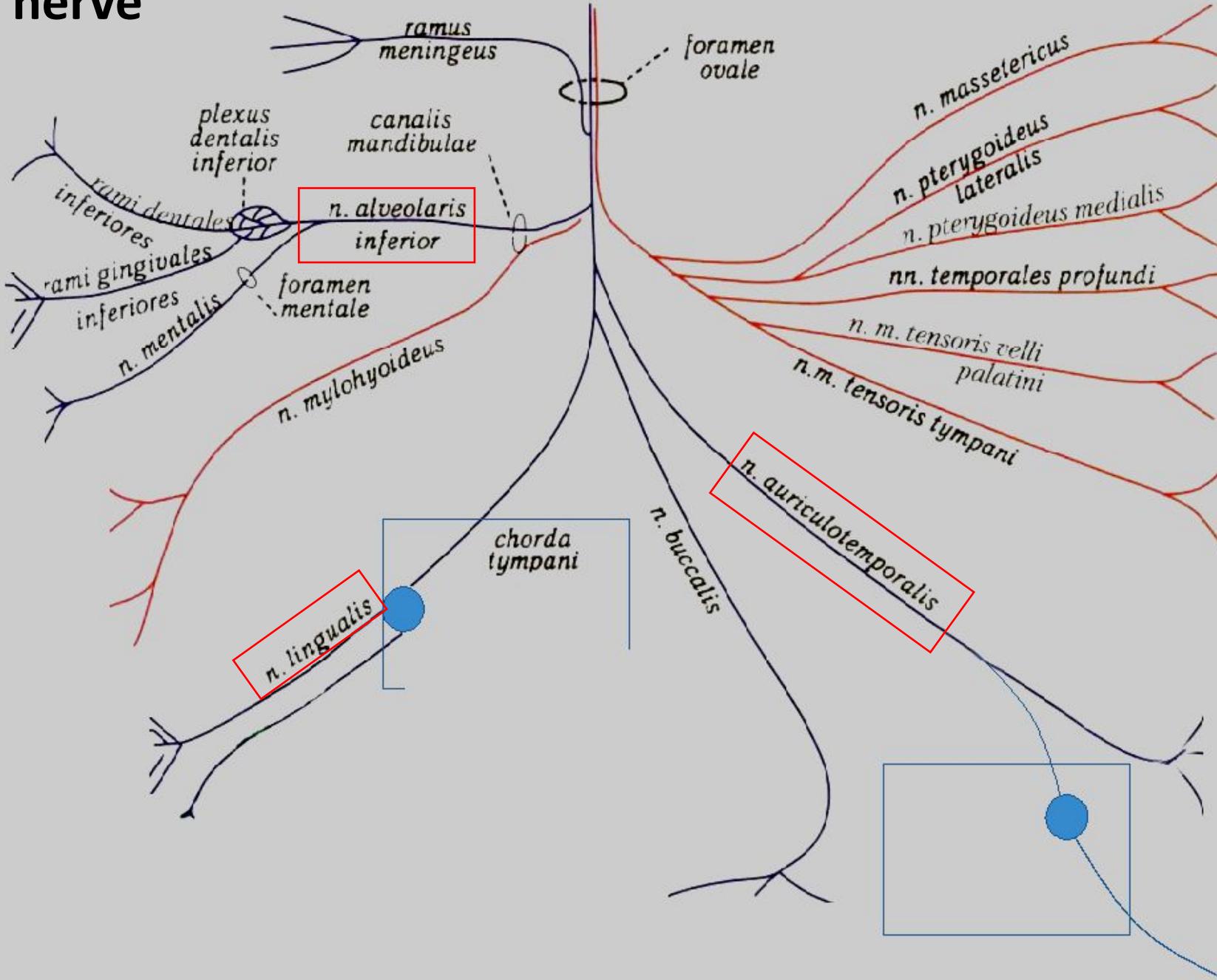


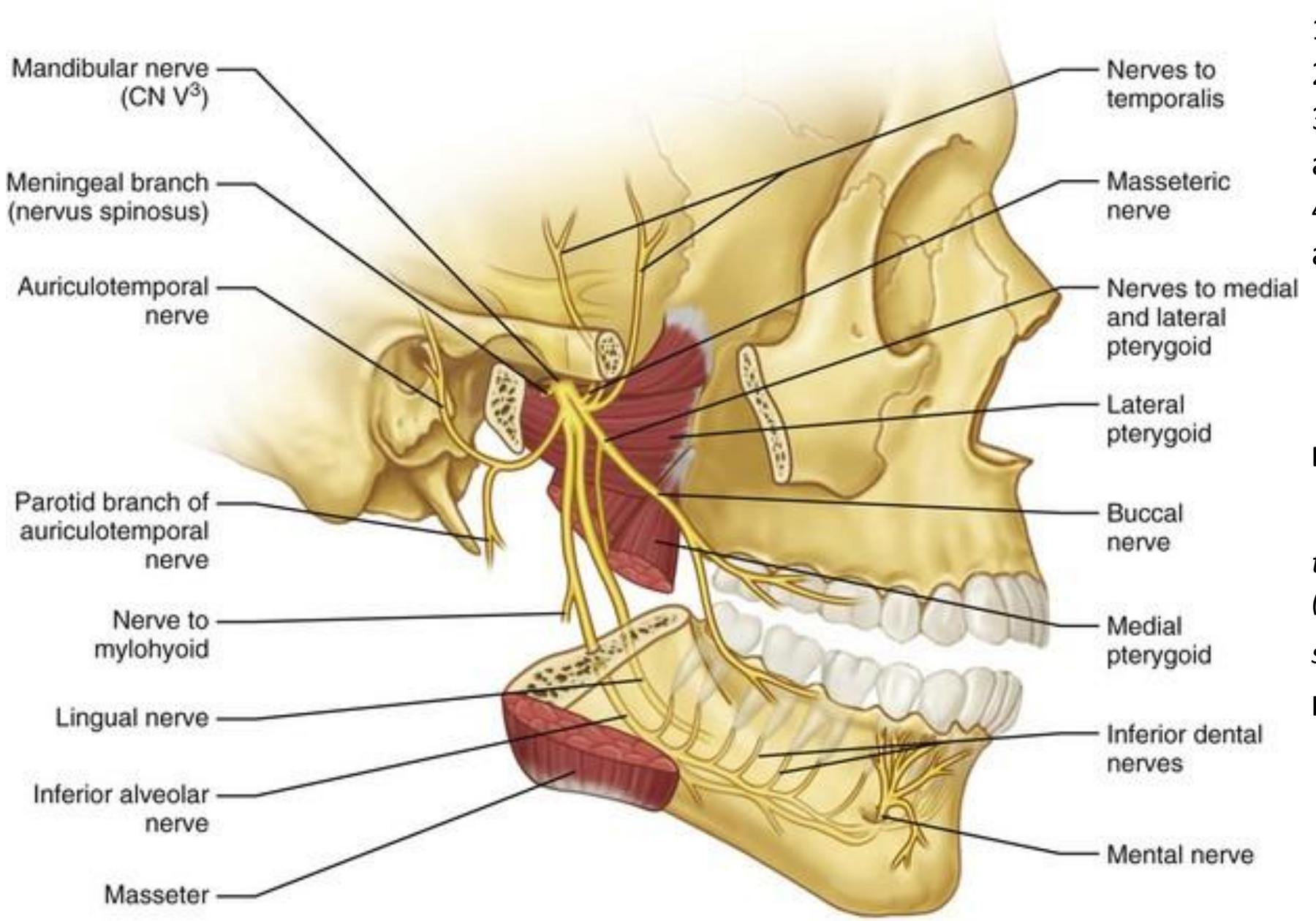
Infraorbital nerve Fibres to lacrimal gland Zygomatic nerve Zygomatico-temporal nerve



Anterior superior alveolar nerve Maxillary (V₃) division Maxillary air sinus and its mucosa Posterior superior alveolar nerve Maxillary artery

mandibular nerve





1. The buccal nerve (n. buccalis)
2. The lingual nerve (n. lingualis)
3. The inferior dental nerve (n. alveolaris inferior)
4. The auriculotemporal nerve (n. auriculotemporalis)

Muscle branches for innervation chewing muscles .

Buccal Nerve

- contains sensory fibres
- the buccal membranes of the mouth (i.e. the cheek)*
- second and third molar teeth*

Inferior Alveolar Nerve

- carries both sensory and motor axons: mylohyoid nerve - mylohyoid and anterior digastric muscles.
- sensory axons enter the mandibular canal - mandibular teeth.
- mental nerve - lower lip and chin

Auriculotemporal Nerve

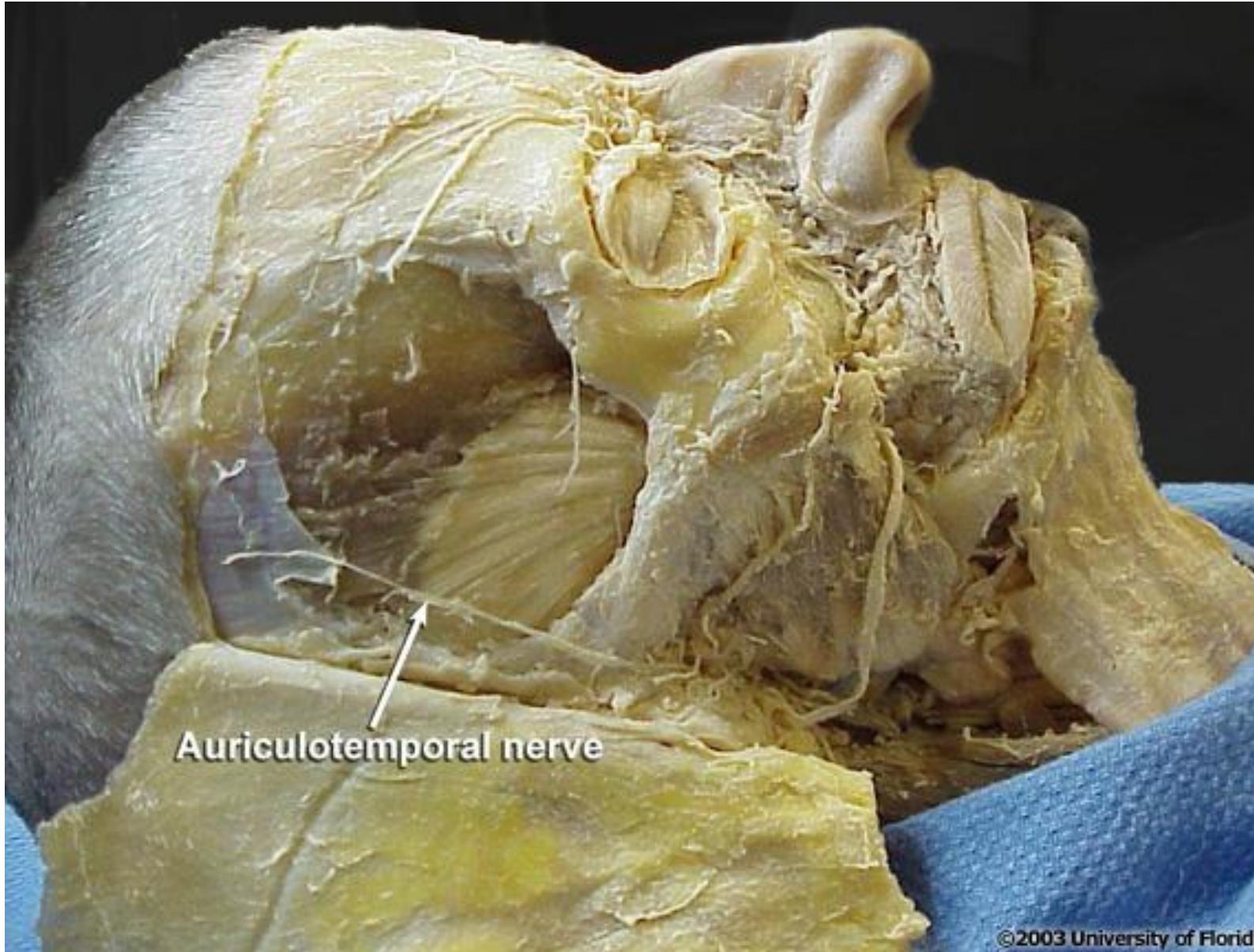
- Superior root – comprises sensory fibers.
- Inferior root – carries secretory-motor parasympathetic fibers, originating from CN IX, to the parotid gland.

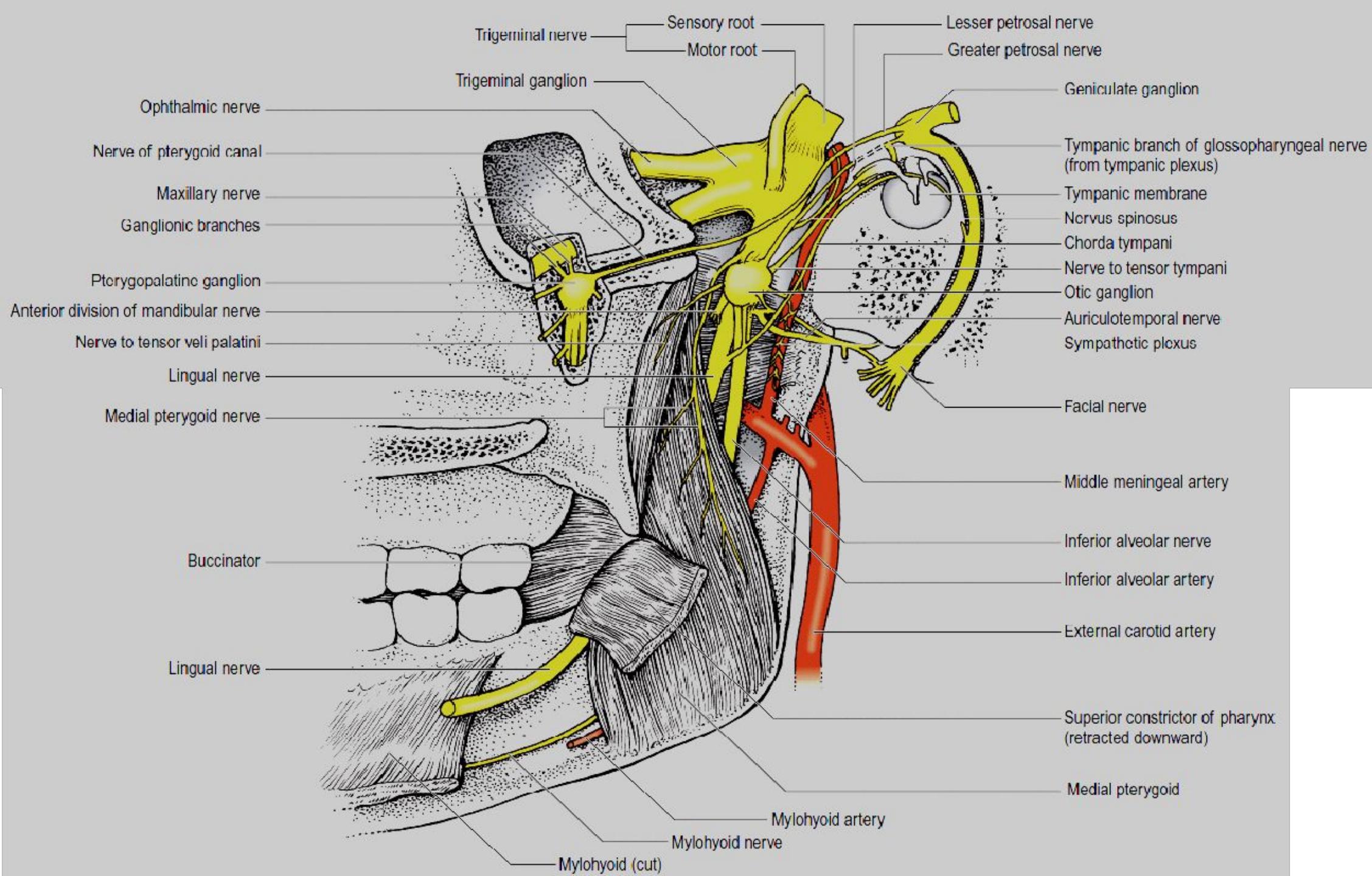
Anterior part of the auricle

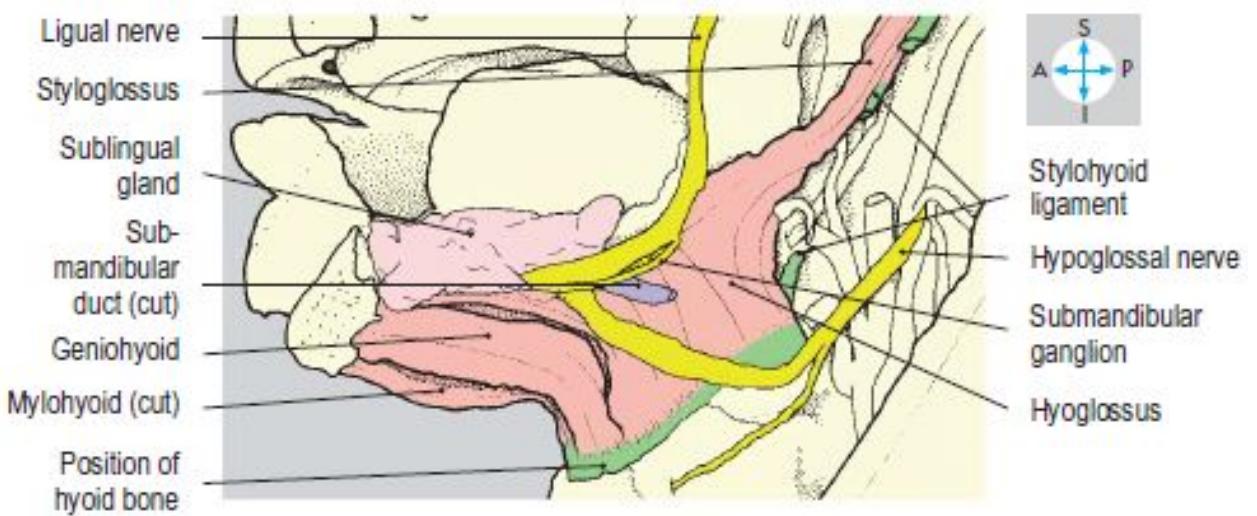
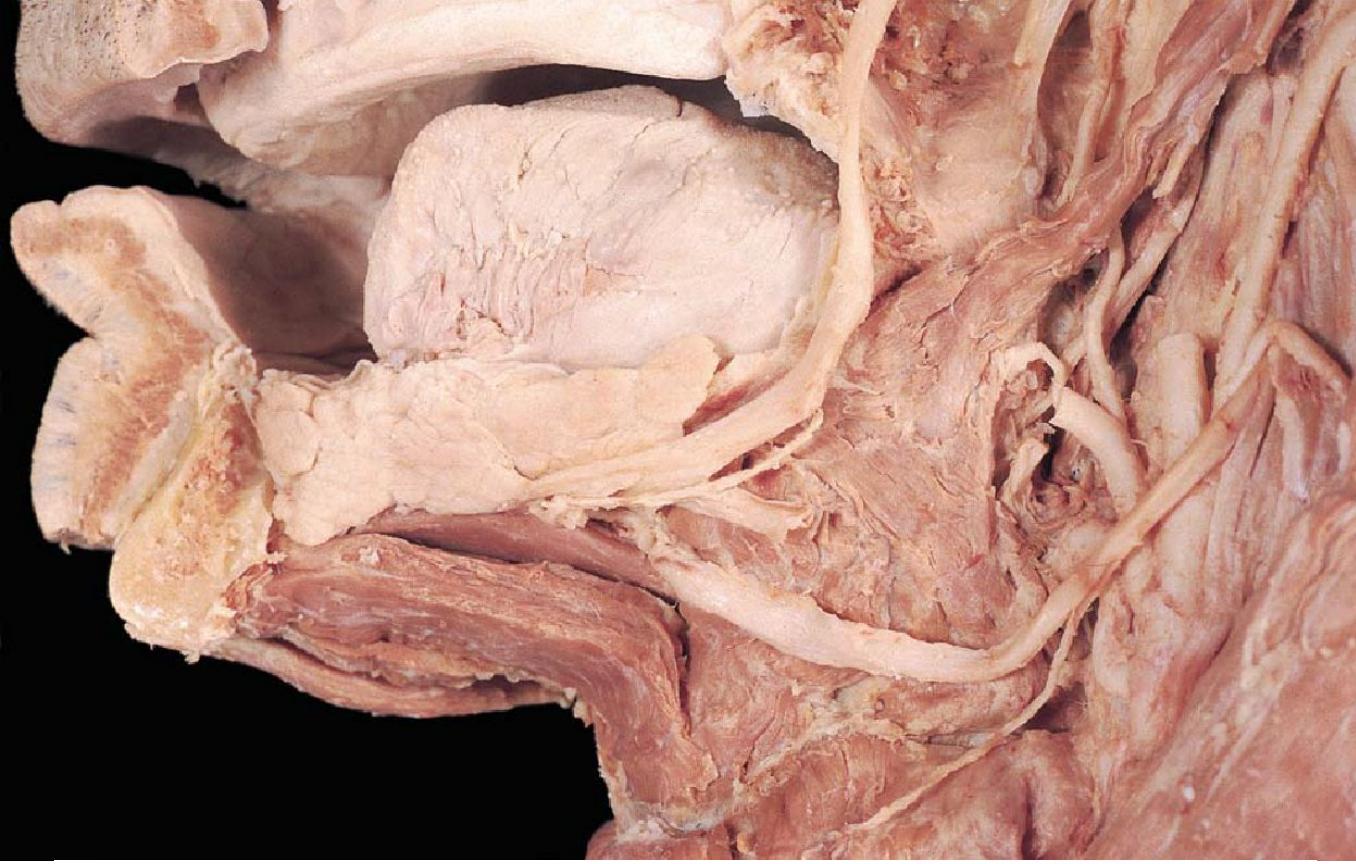
Lateral part of the temple

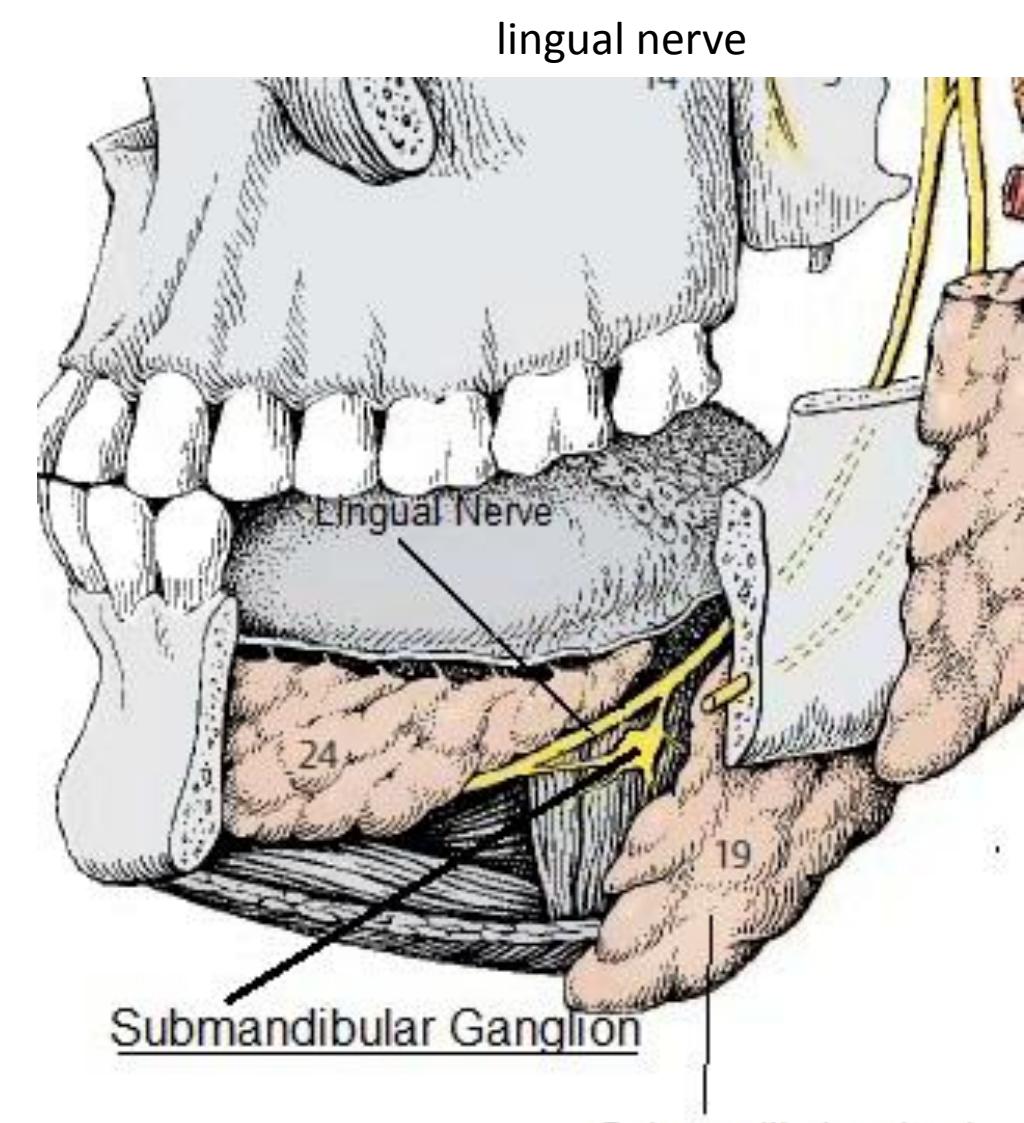
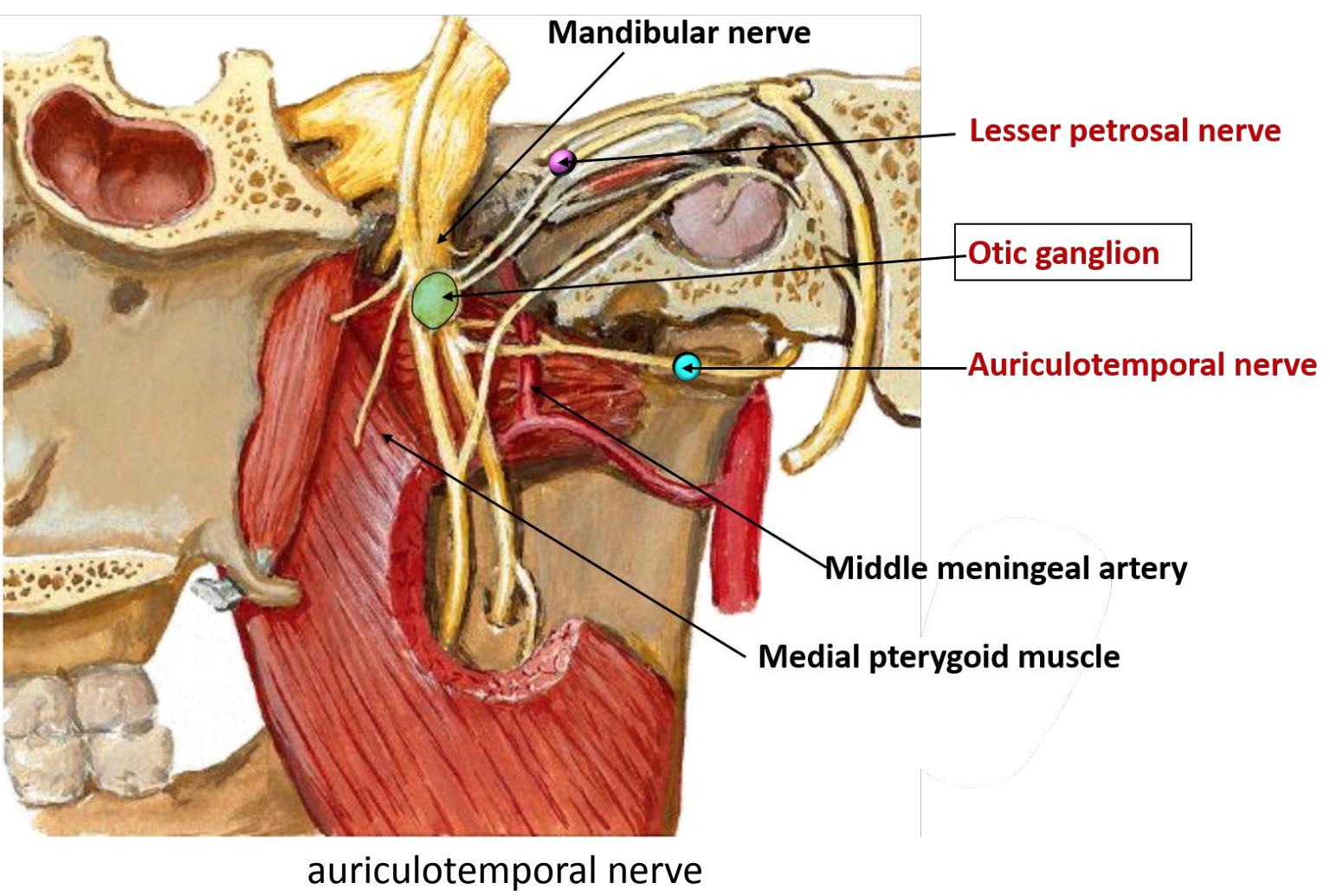
Anterior external meatus

Anterior tympanic membrane



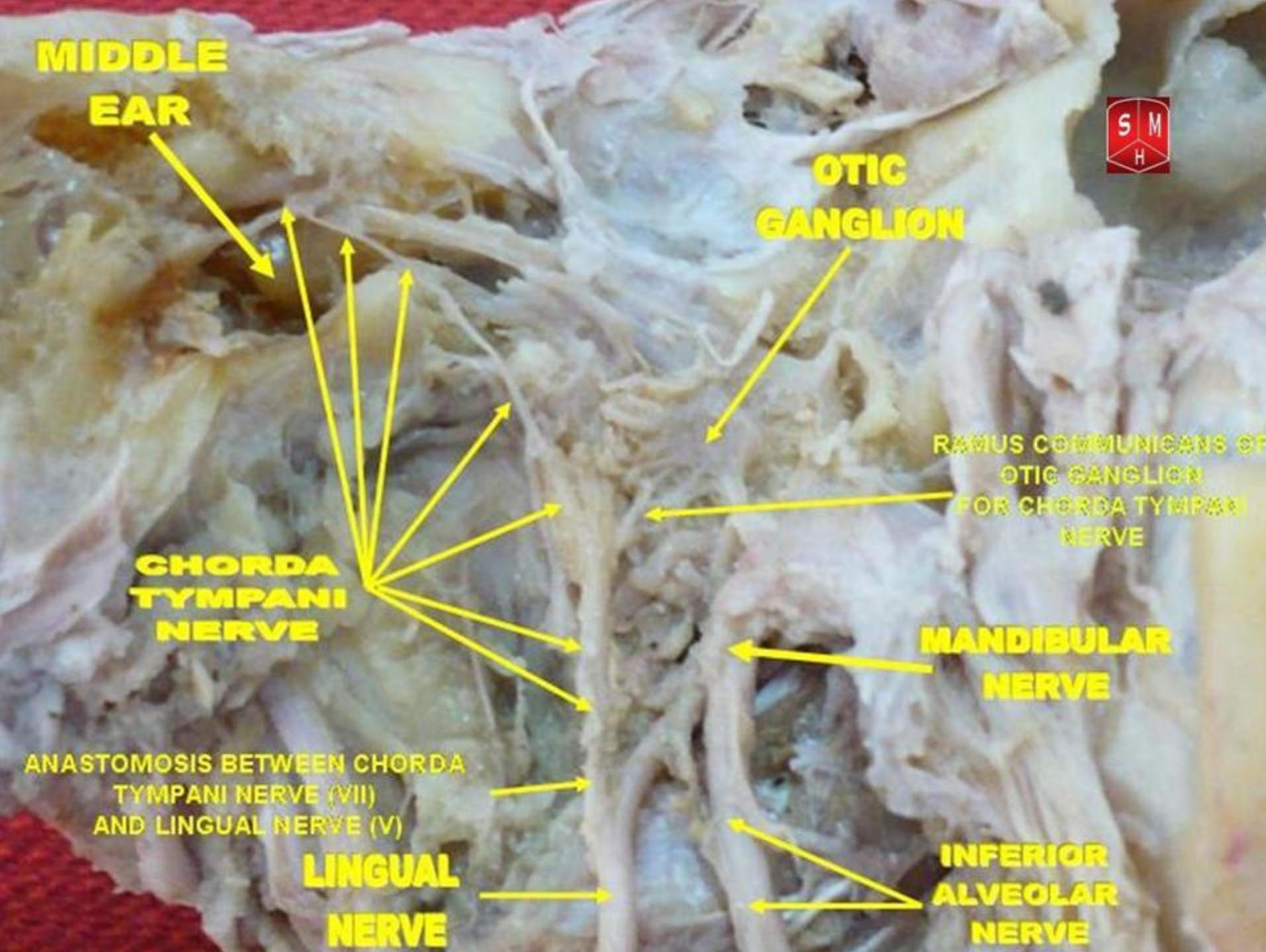


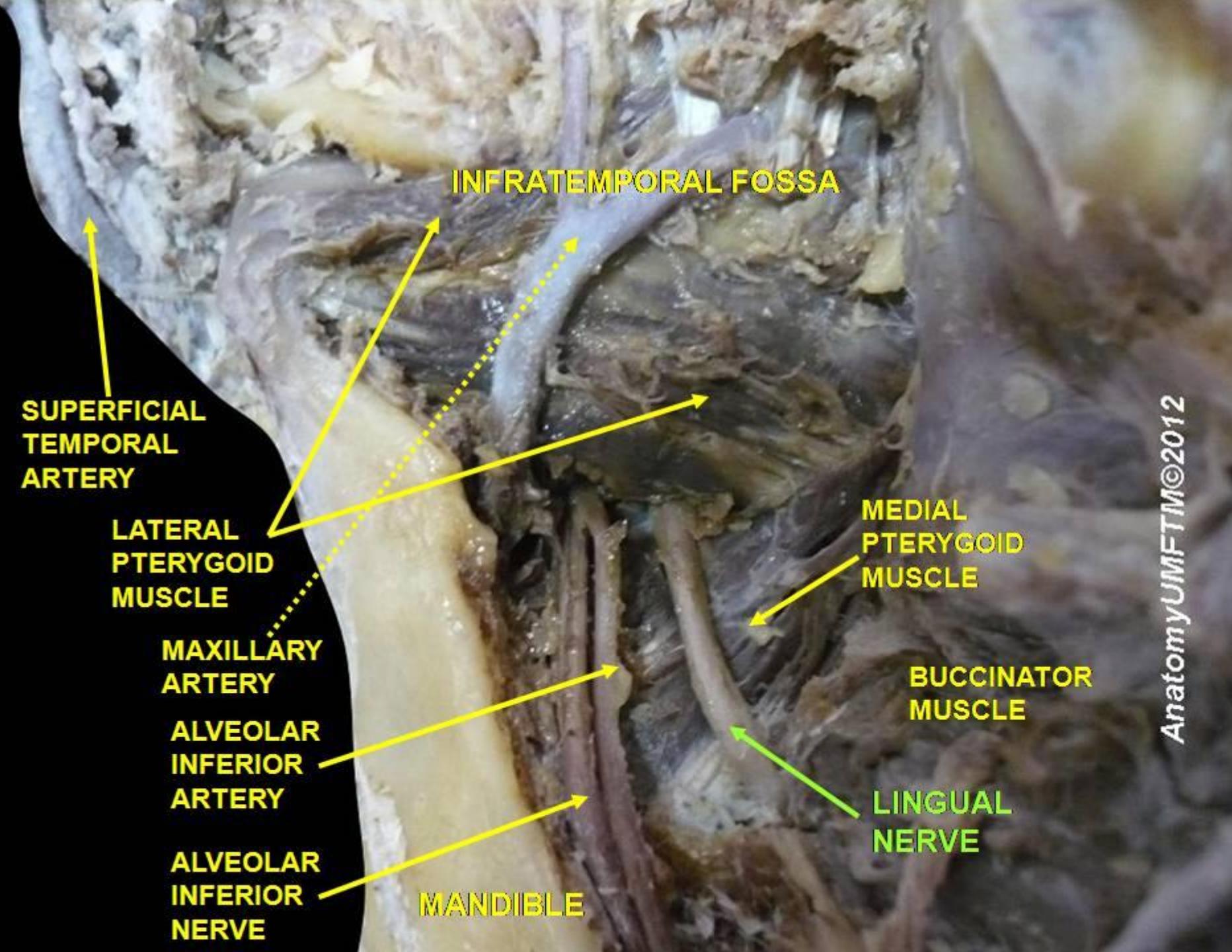


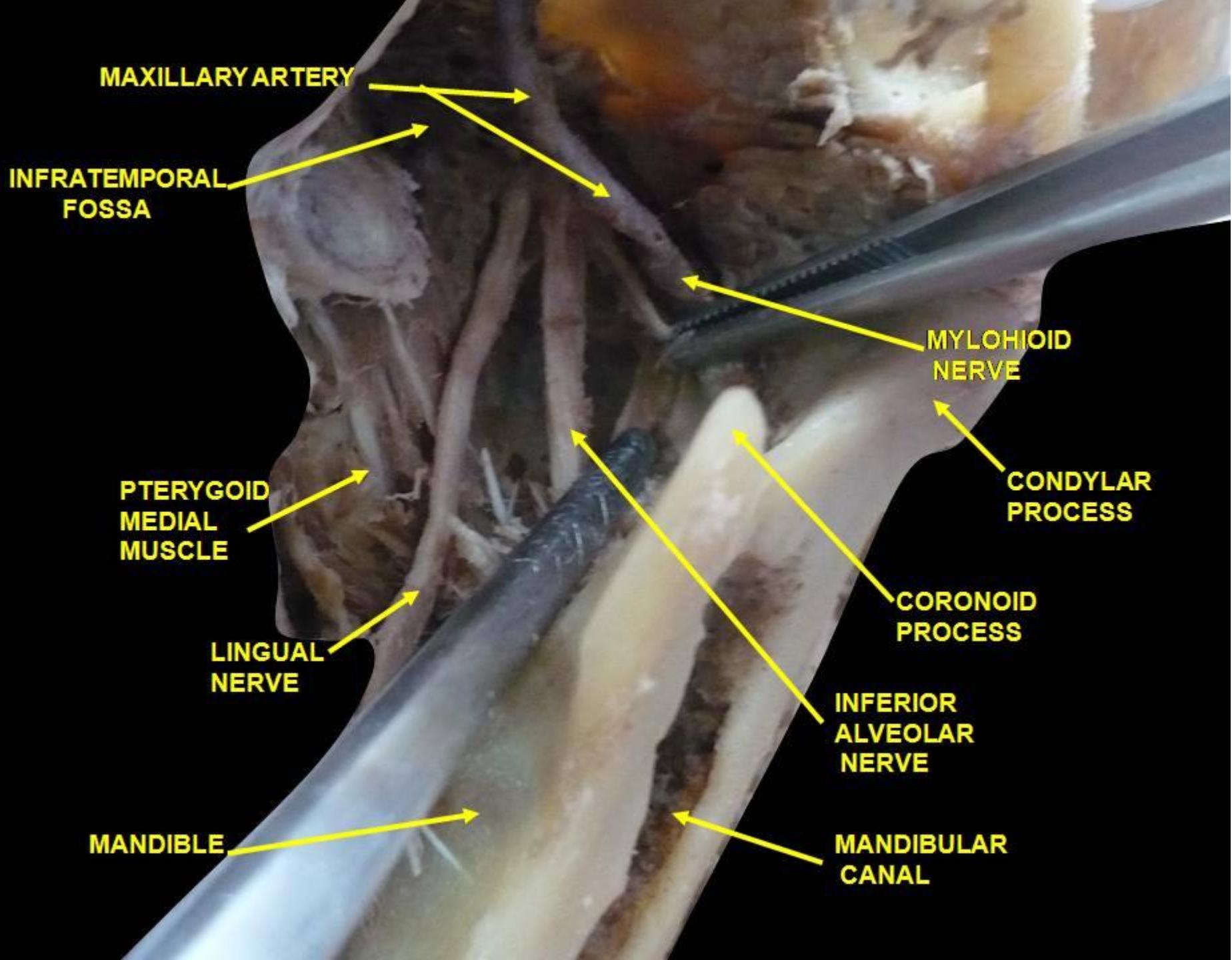


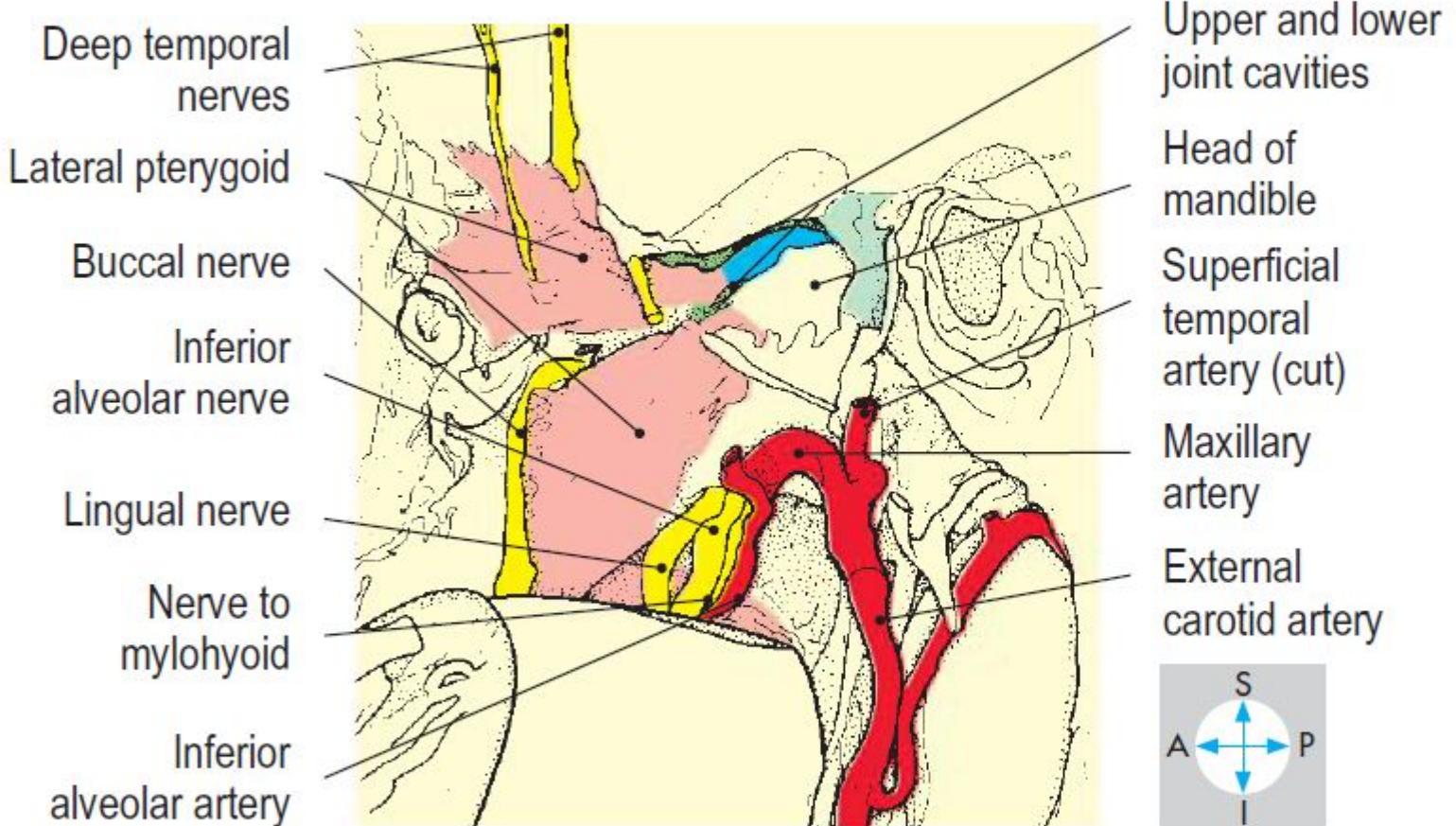
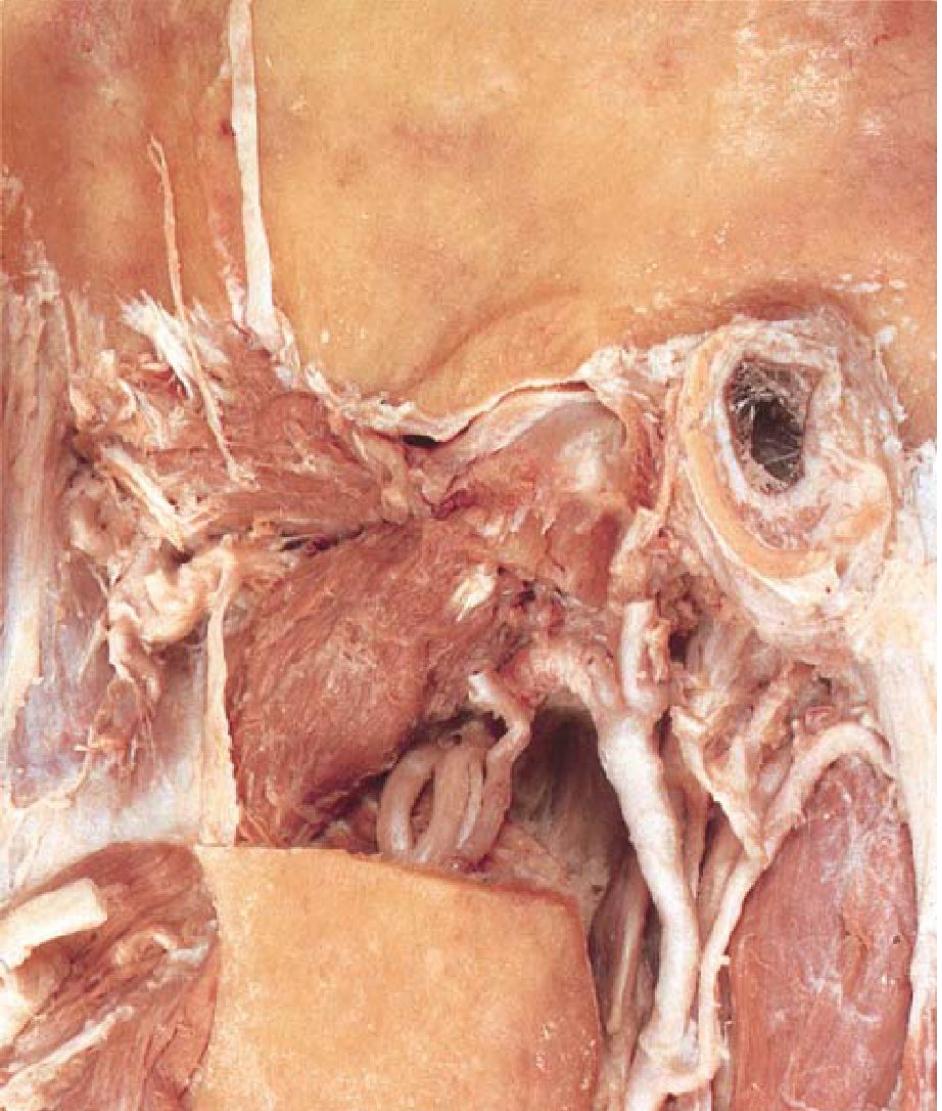
Lingual Nerve

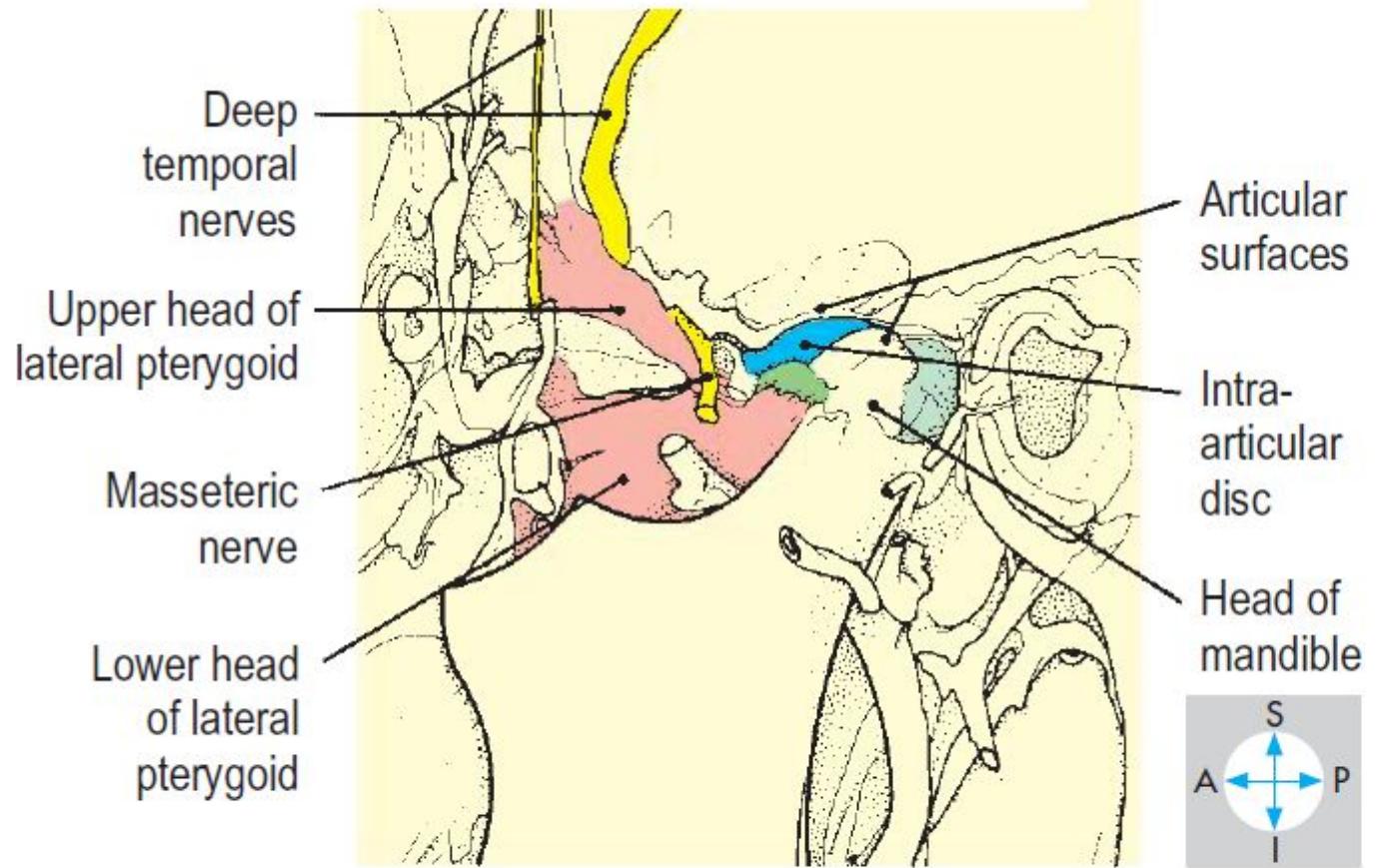
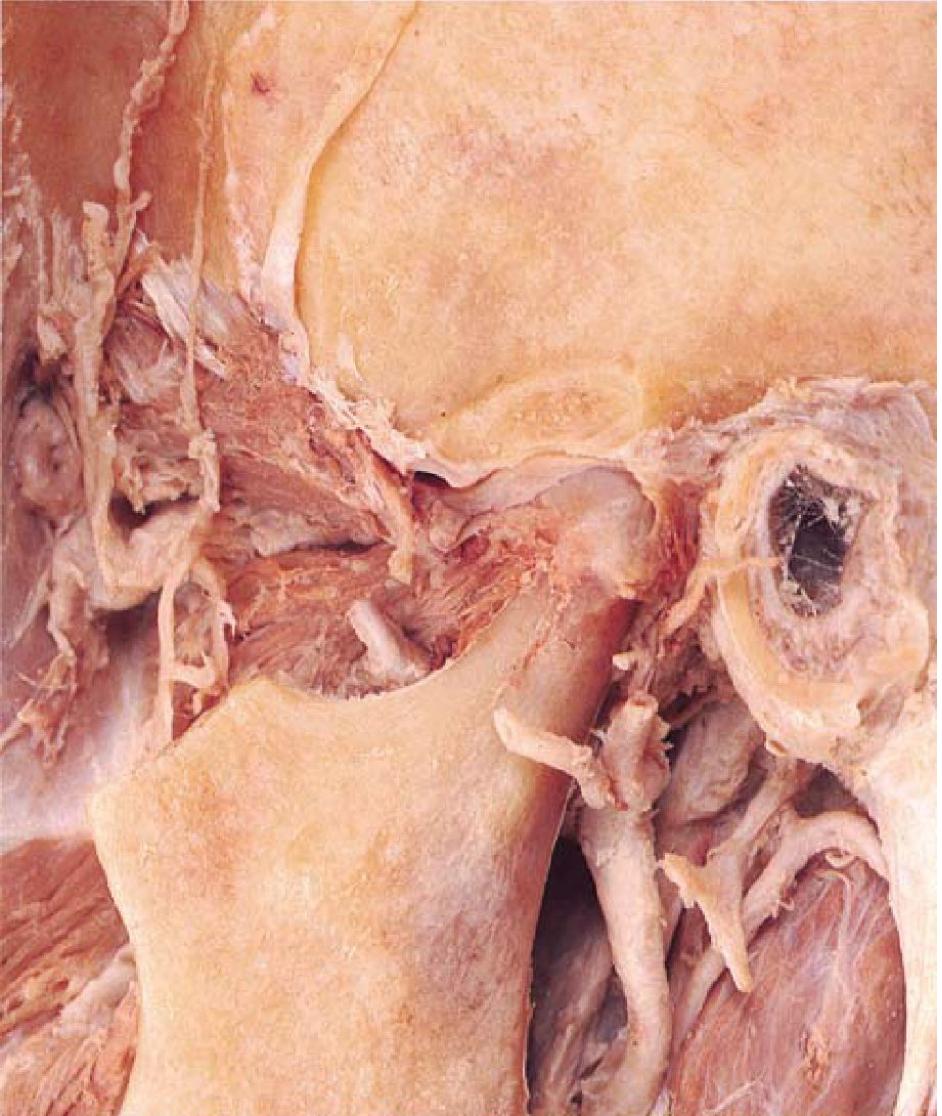
- carries general sensory axons + special sensory and autonomic fibers (chorda tympani (CN VII)) – tactile, pain and temperature of tongue + 2/3 anterior taste and mucus membrane lining its undersides.
- autonomic fibers branch - submandibular ganglion (submandibular and sublingual glands).

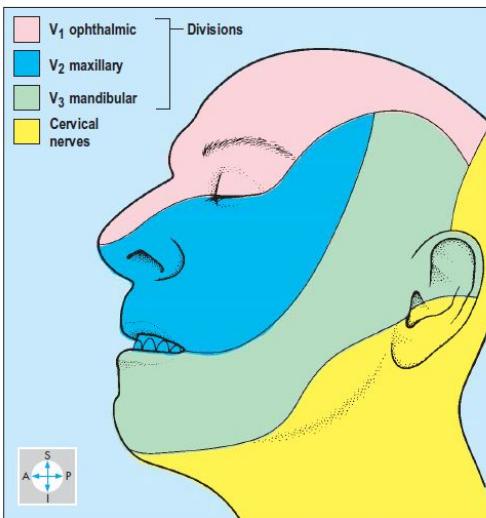
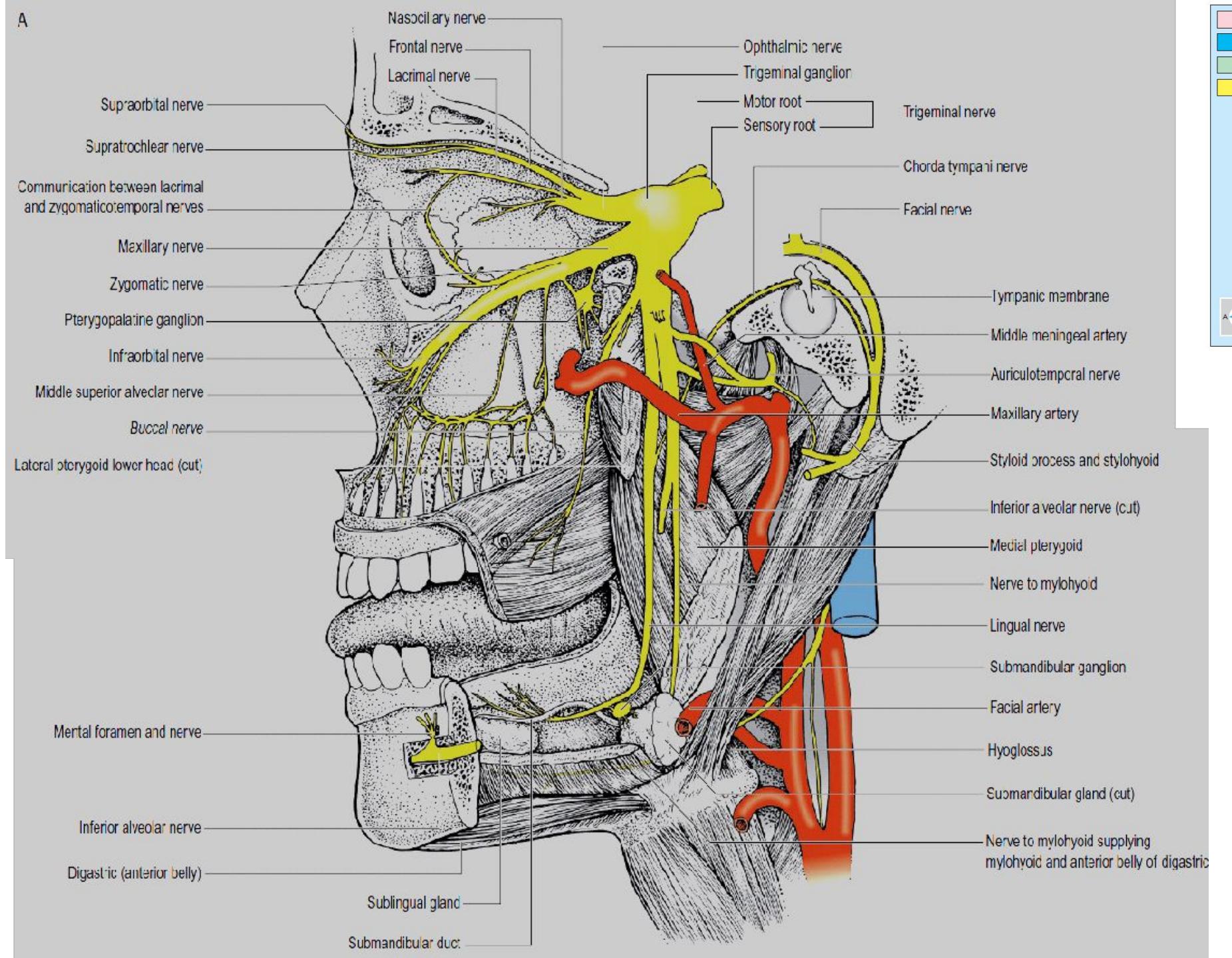


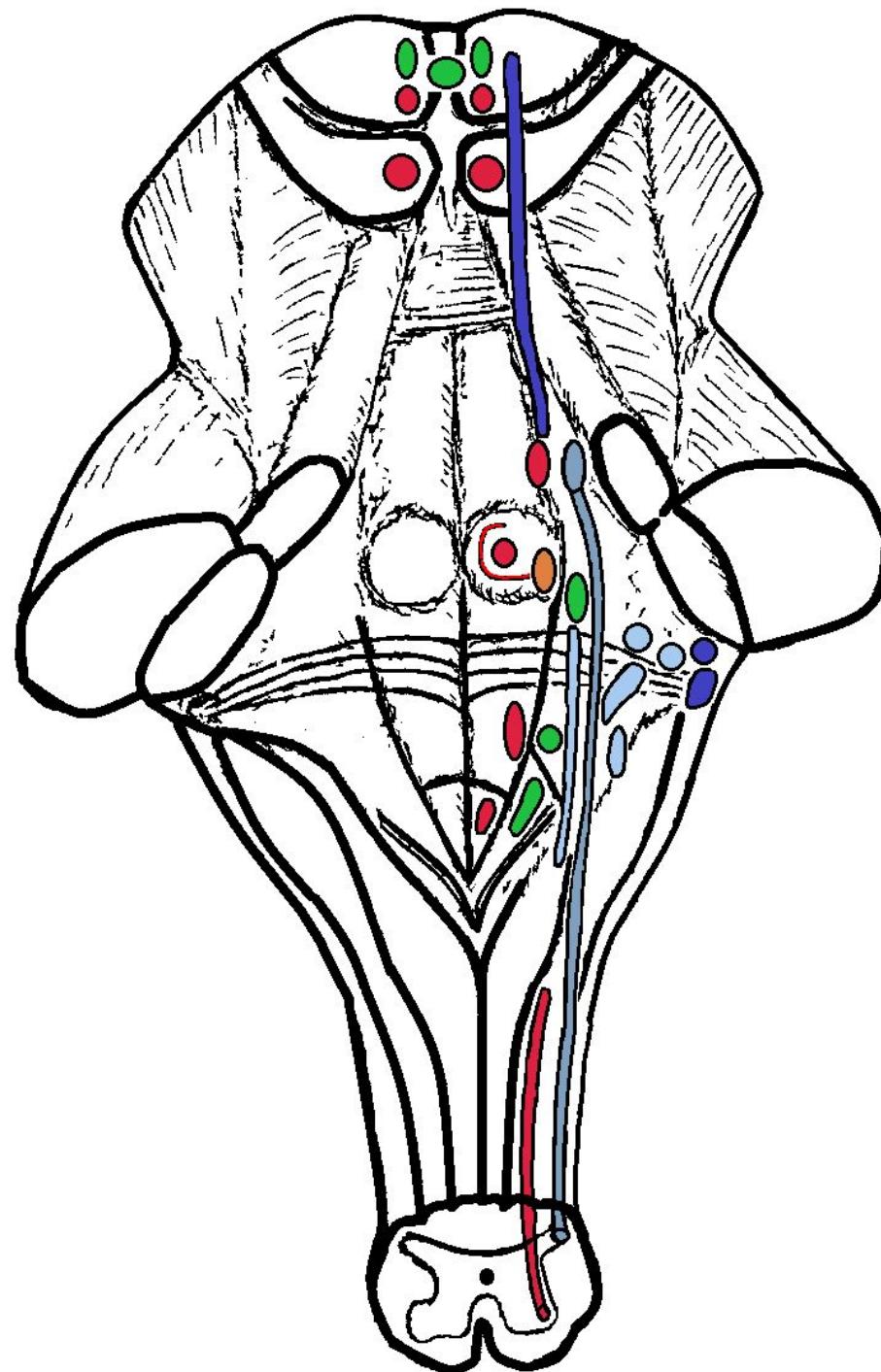






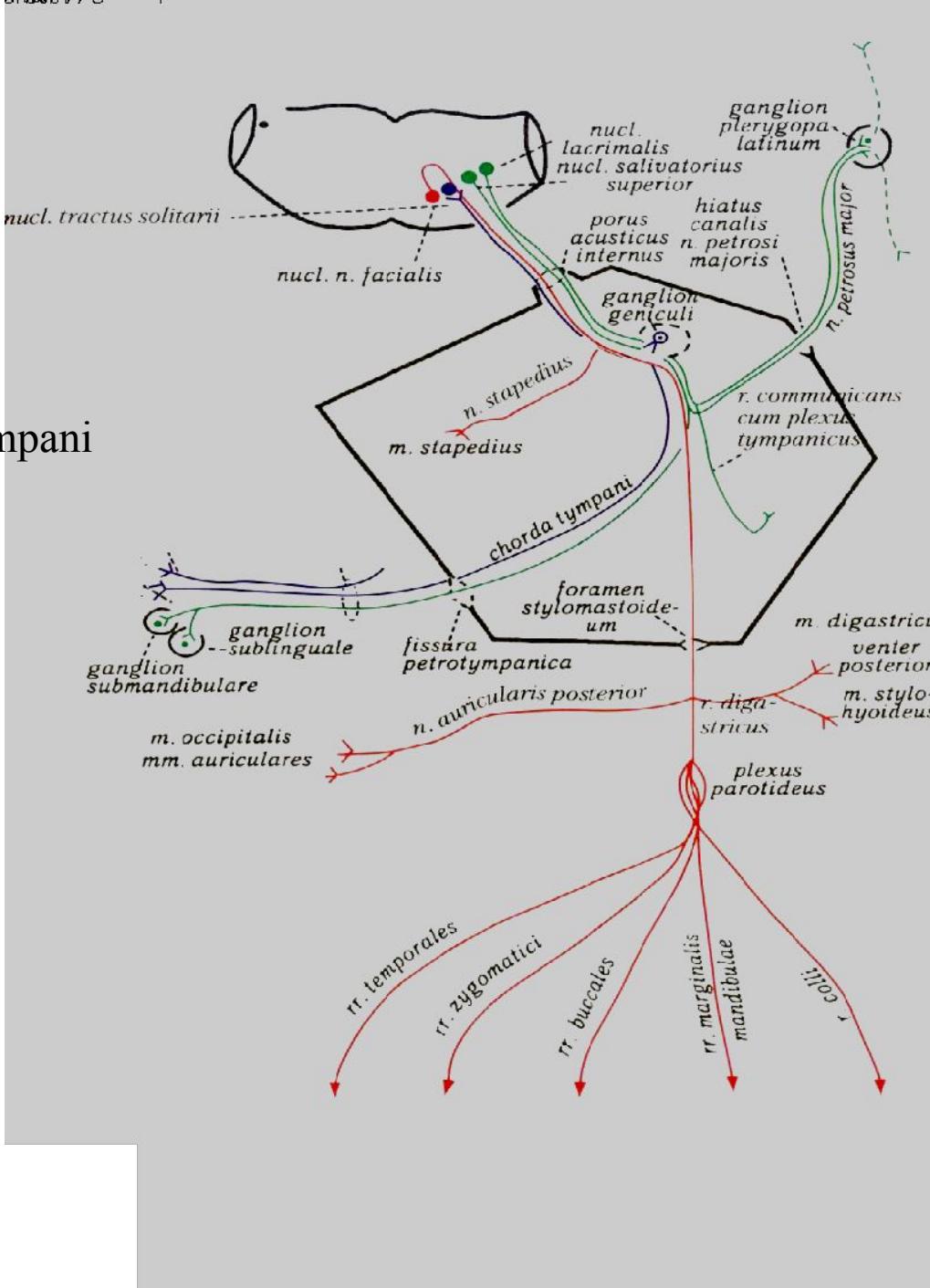




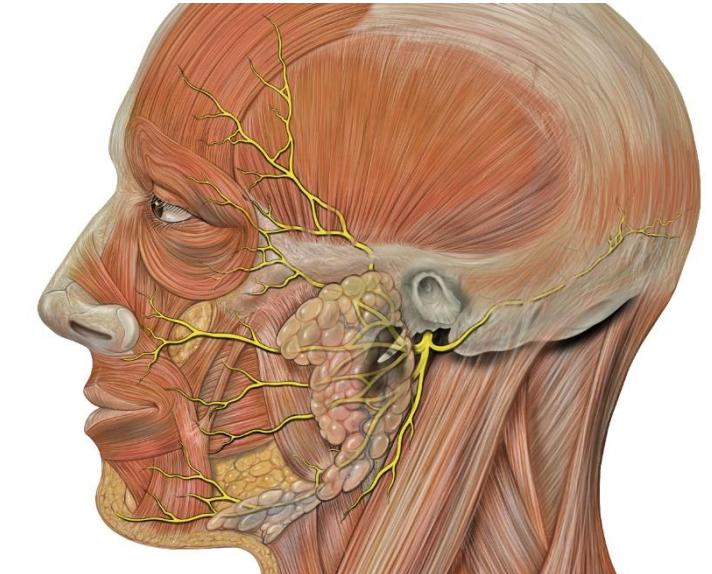


facial nerve

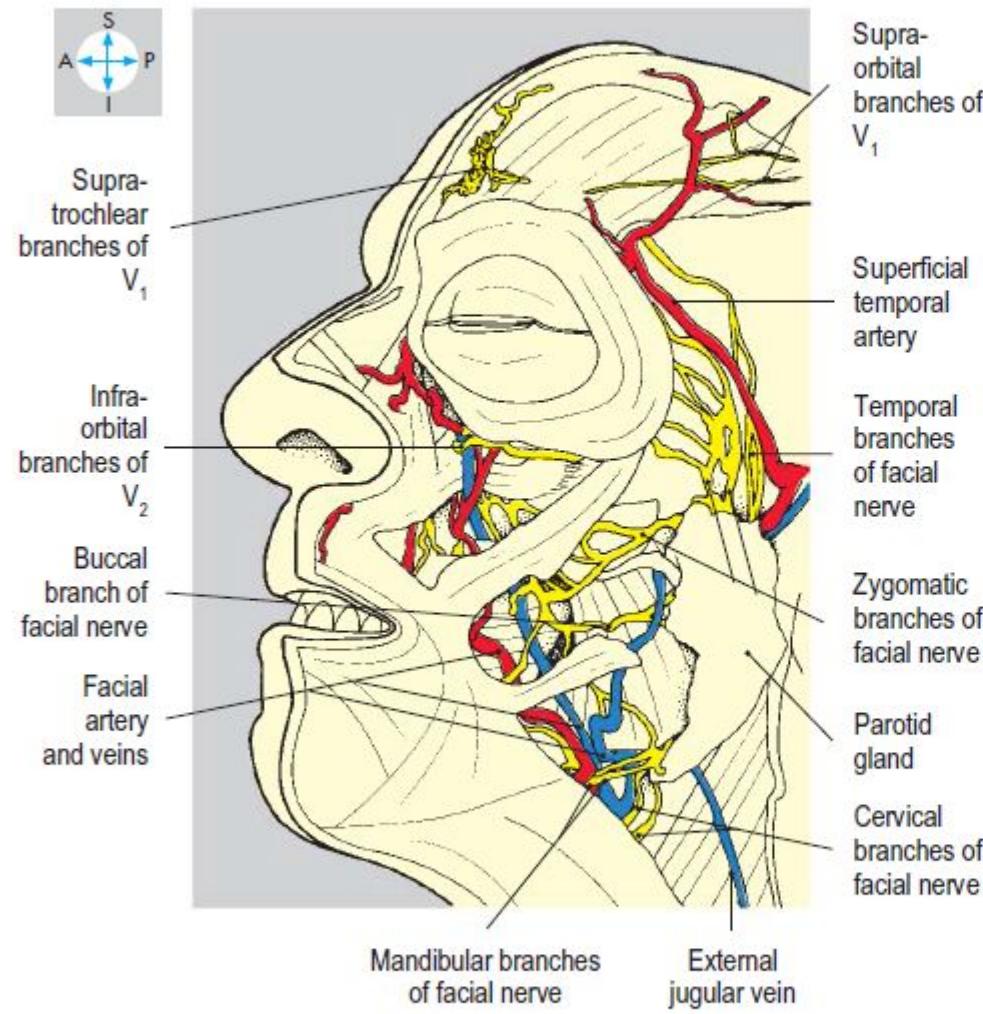
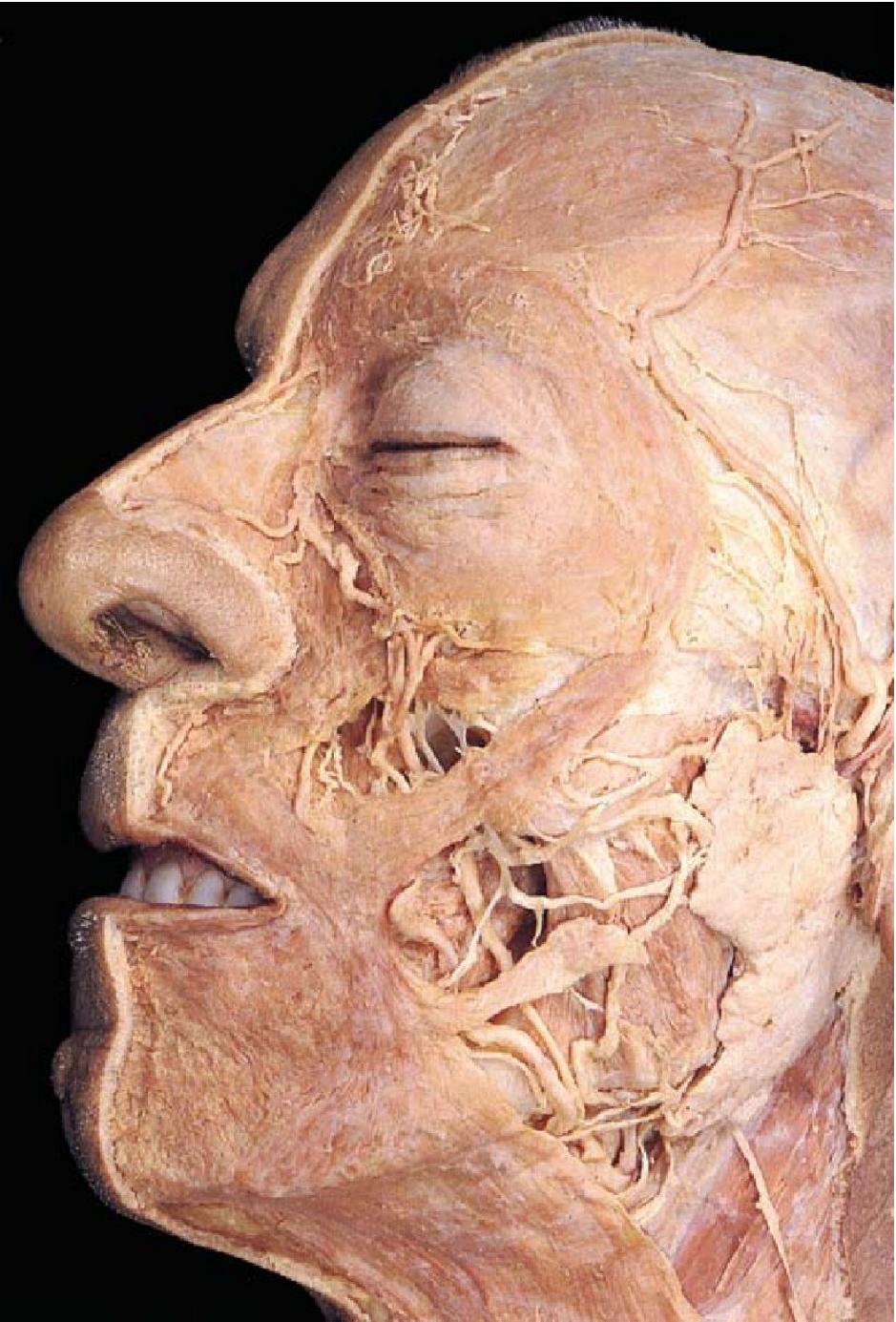
chorda tympani

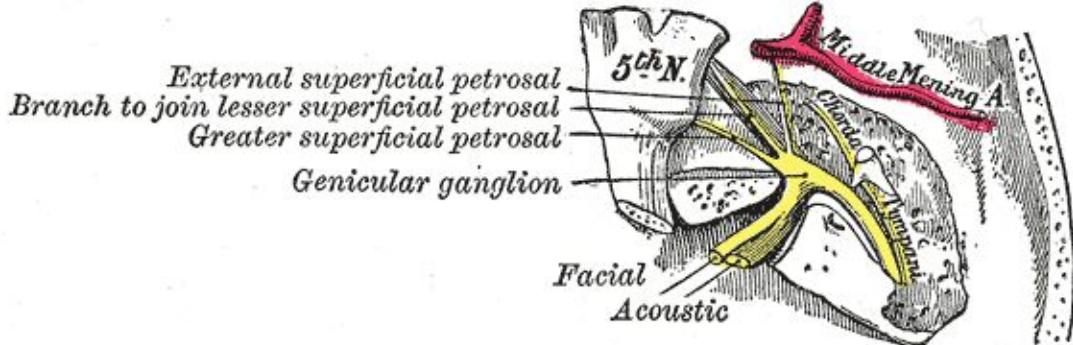
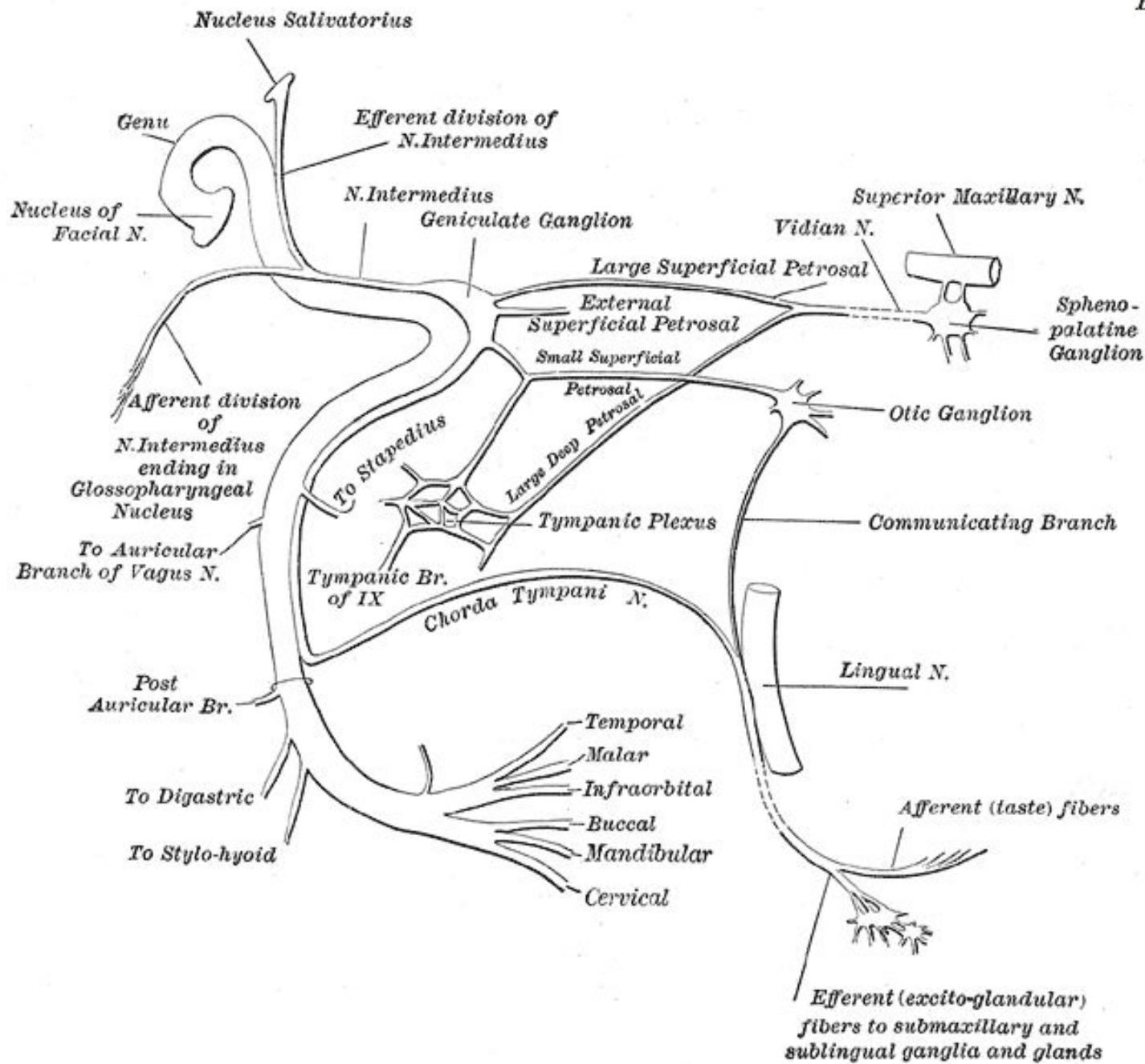


greater petrosal nerve

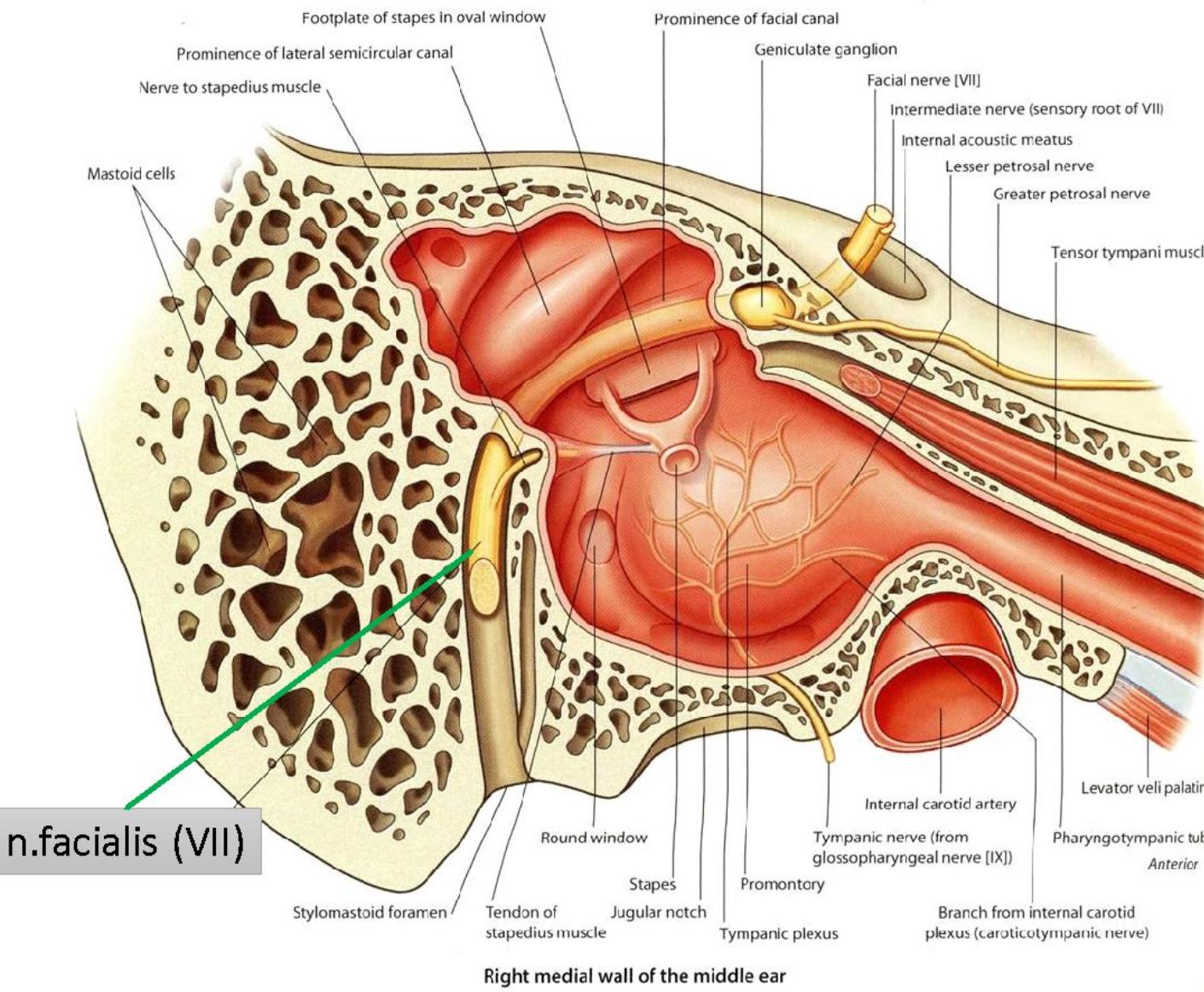


n. stapedius
n. posterior auricular
digastric branch
temporal branches
zygomatic branches
buccal branches
mandibular branch
cervical branch



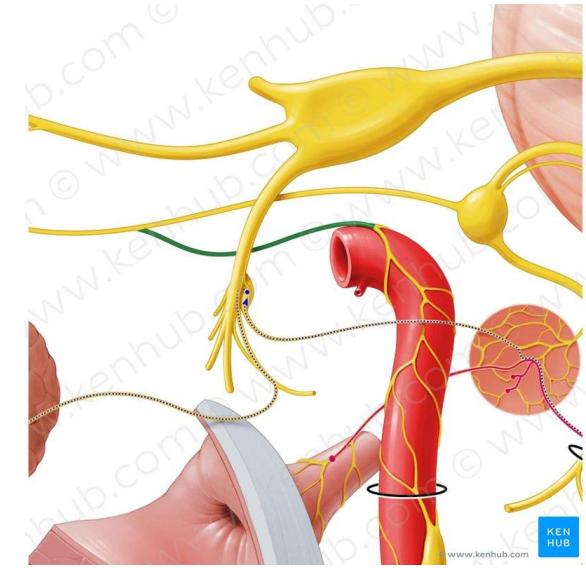
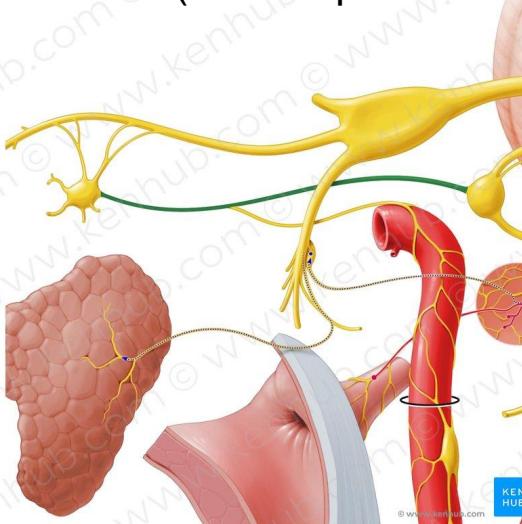
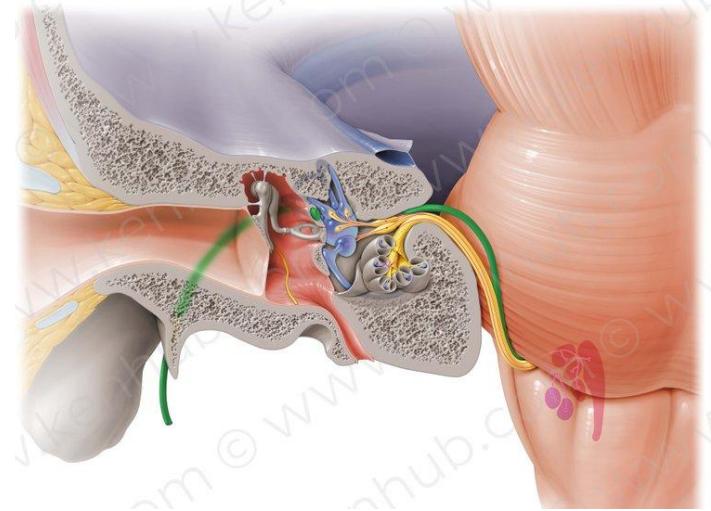


canalis facialis

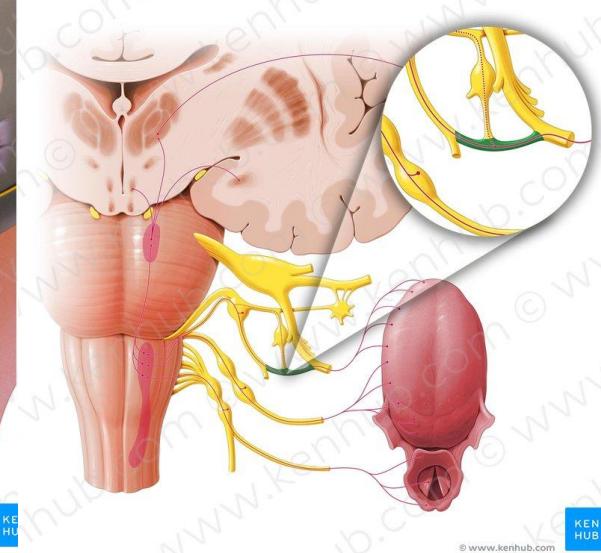
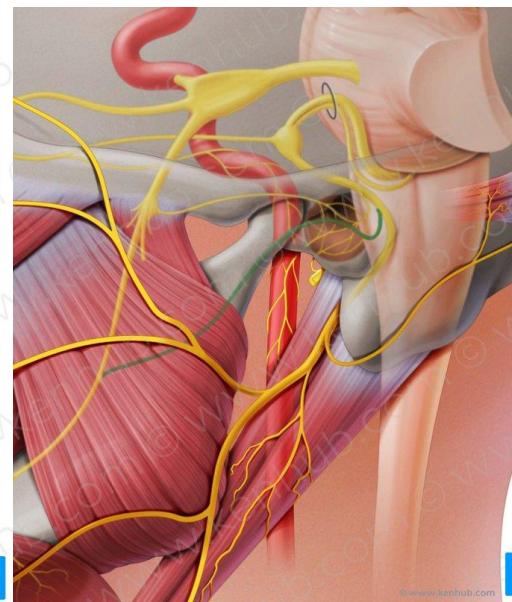
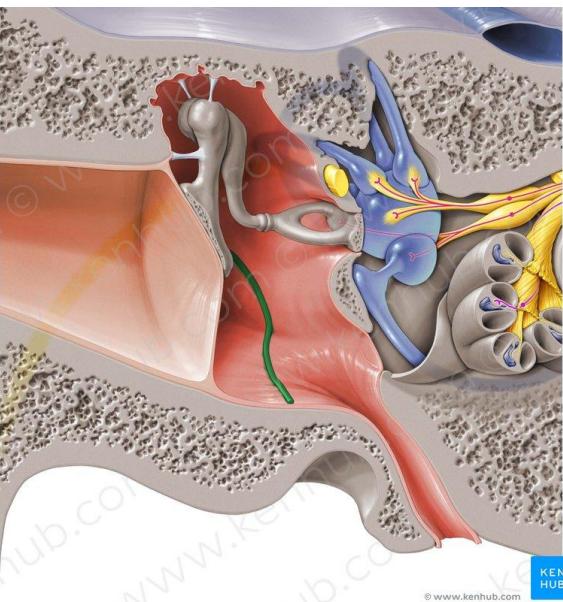
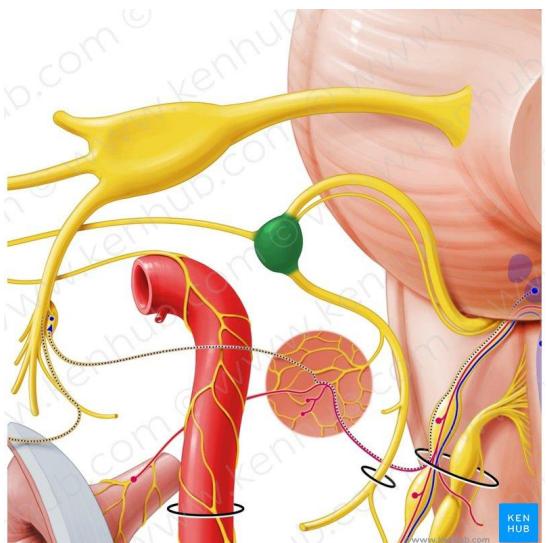


- Intracranial branches
- Greater petrosal nerve
- Communicating branch to the otic ganglion
- Nerve to stapedius
- Chorda tympani
 - Parasympathetic innervation to submandibular gland
 - Parasympathetic innervation to sublingual gland
 - Special sensory taste fibers for the anterior 2/3 of the tongue

Greater petrosal nerve (Nervus petrosus major)



Deep petrosal nerve (Nervus petrosus profundus)



Chorda tympani

Geniculate ganglion (Ganglion geniculi)

Facial nerve

