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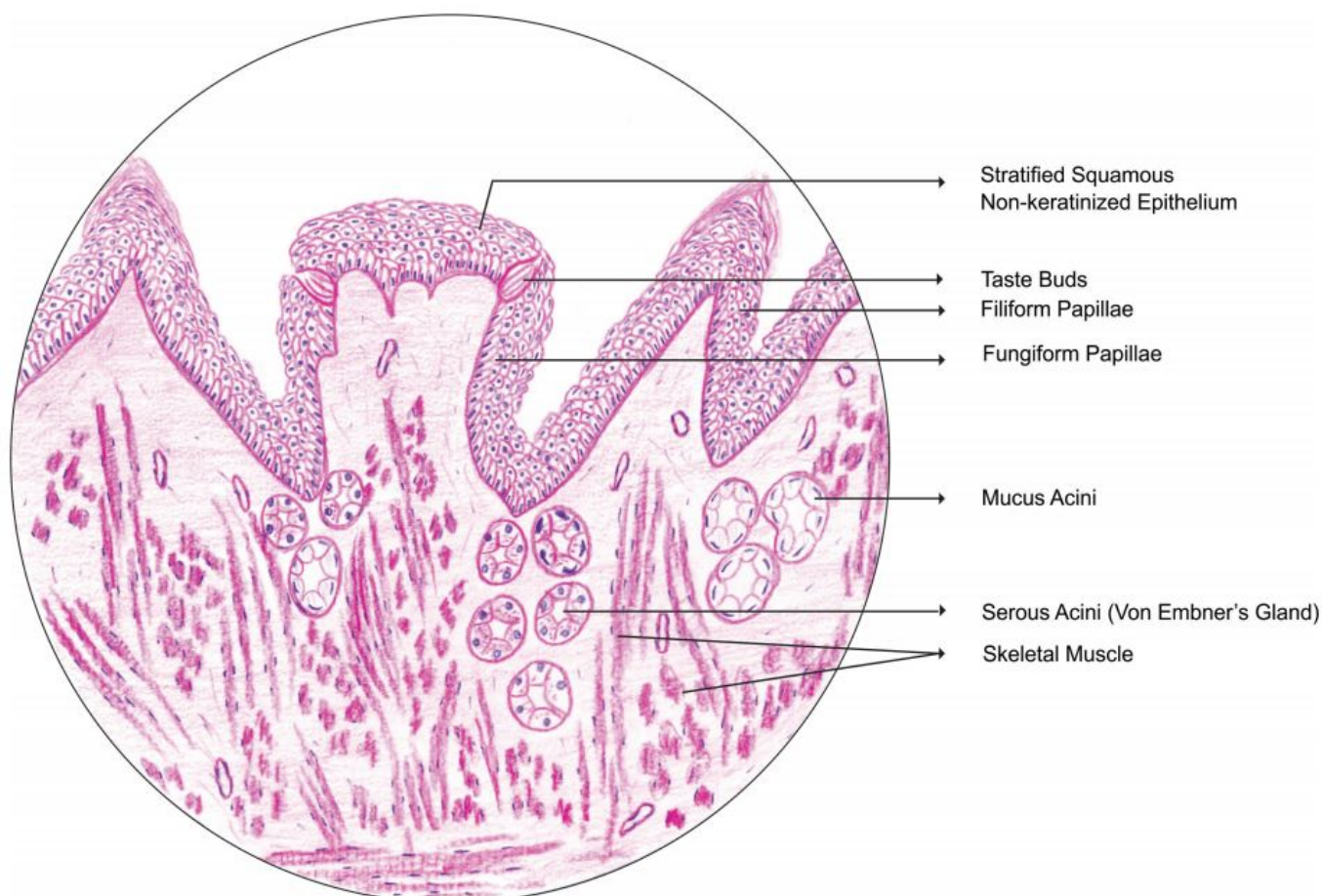
Tongue

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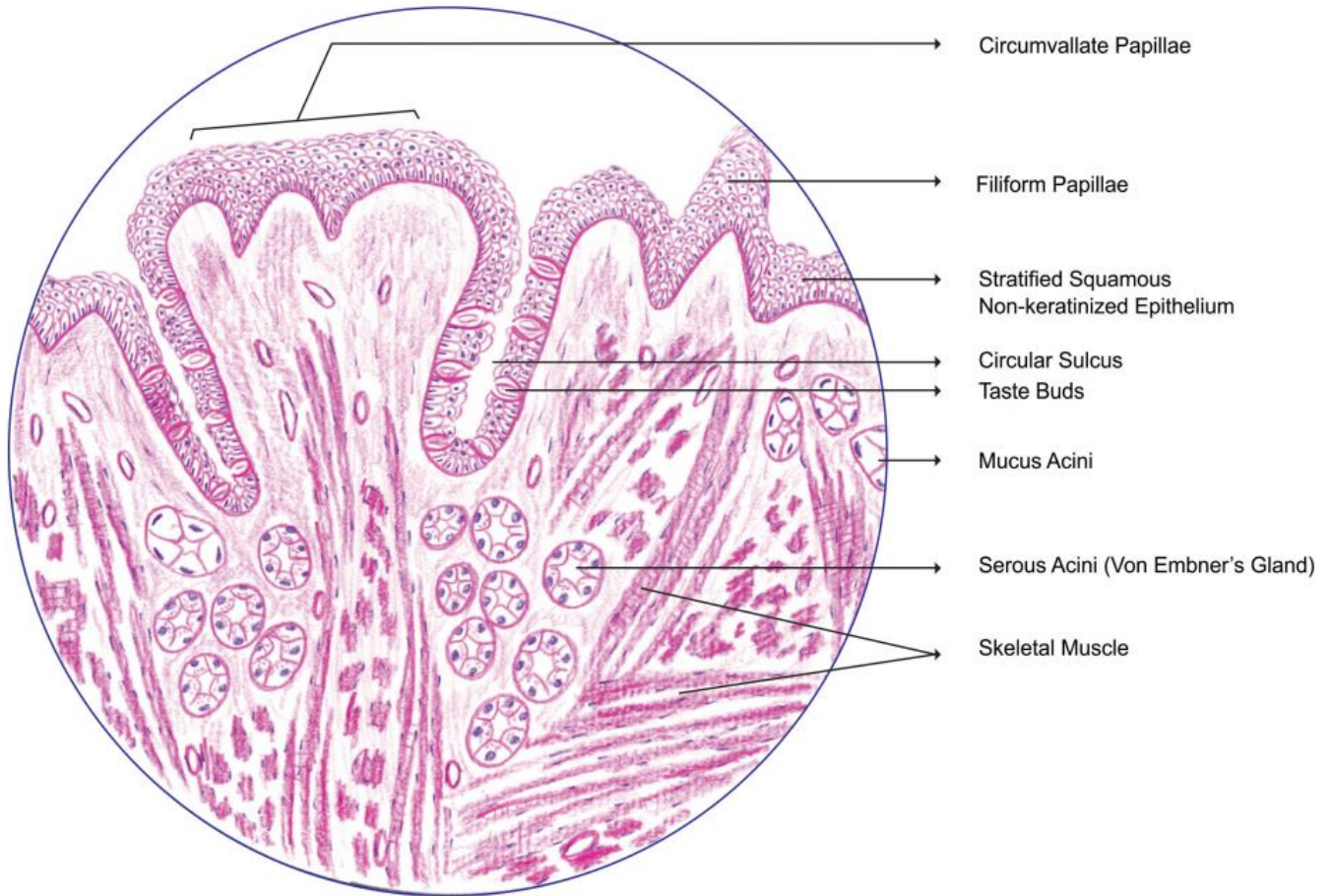
Tongue

LINGUA	TONGUE
Corpus linguae	Body of tongue
Radix linguae	Root of tongue
Dorsum linguae	Dorsum of tongue
Pars anterior; pars presulcalis	Anterior part; presulcal part
Pars posterior; pars postsulcalis	Posterior part; postsulcal part
Facies inferior linguae	Inferior surface of tongue
Plica fimbriata	Fimbriated fold
Margo linguae	Margin of tongue
Apex linguae	Apex of tongue ; tip of tongue
Tunica mucosa linguae	Mucous membrane of tongue
Frenulum linguae	Frenulum of tongue
Papillae linguales	Papillae of tongue ; lingual papillae
Papillae filiformes	Filiform papillae
Papillae fungiformes	Fungiform papillae
Papillae vallatae	Vallate papillae
Papillae foliatae	Foliate papillae
Sulcus medianus linguae	Midline groove of tongue ; median sulcus of tongue
Sulcus terminalis linguae	Terminal sulcus of tongue
Foramen caecum linguae (Ductus thyroglossalis)	Foramen caecum of tongue (Thyroglossal duct)
Tonsilla lingualis	Lingual tonsil
Noduli lymphoidei	Lymphoid nodules
Septum linguae	Lingual septum
Aponeurosis linguae	Lingual aponeurosis
Musculi linguae	Muscles of tongue
M. genioglossus	Genioglossus
M. hyoglossus	Hyoglossus
M. chondroglossus	Chondroglossus
M. ceratoglossus	Ceratoglossus
M. styloglossus	Styloglossus
M. longitudinalis superior	Superior longitudinal muscle
M. longitudinalis inferior	Inferior longitudinal muscle
M. transversus linguae	Transverse muscle
M. verticalis linguae	Vertical muscle
M. palatoglossus	Palatoglossus
FAUCES	FAUCES
Isthmus faucium	Isthmus of fauces; oropharyngeal isthmus
Palatum molle; velum palatinum	Soft palate
Uvula palatina	Uvula
Arcus palatoglossus; plica anterior faucium (Plica triangularis)	Palatoglossal arch; anterior pillar of fauces (Triangular fold)

Arcus palatopharyngeus; plica posterior faucium (Plica semilunaris)	Palatopharyngeal arch; posterior pillar of fauces (Semilunar fold)
Fossa tonsillaris; sinus tonsillaris	Tonsillar sinus; tonsillar fossa; tonsillar bed
Fossa supratonsillaris	Supratonsillar fossa
Tonsilla palatina	Palatine tonsil
Capsula tonsillae	Tonsillar capsule
(Fissura tonsillaris; fissura intratonsillaris)	(Tonsillar cleft; intratonsillar cleft)
Fossulae tonsillae	Tonsillar pits
Cryptae tonsillae	Tonsillar crypts
Musculi palati molli et faucium	Muscles of soft palate and fauces
Aponeurosis palatina	Palatine aponeurosis
M. levator veli palatini	Levator veli palatini
M. tensor veli palatini	Tensor veli palatini
M. uvulae	Musculus uvulae
M. palatoglossus	Palatoglossus
M. palatopharyngeus	Palatopharyngeus
Fasciculus anterior	Anterior fascicle
Fasciculus posterior; m. sphincter palatopharyngeus	Posterior fascicle; palatopharyngeal sphincter

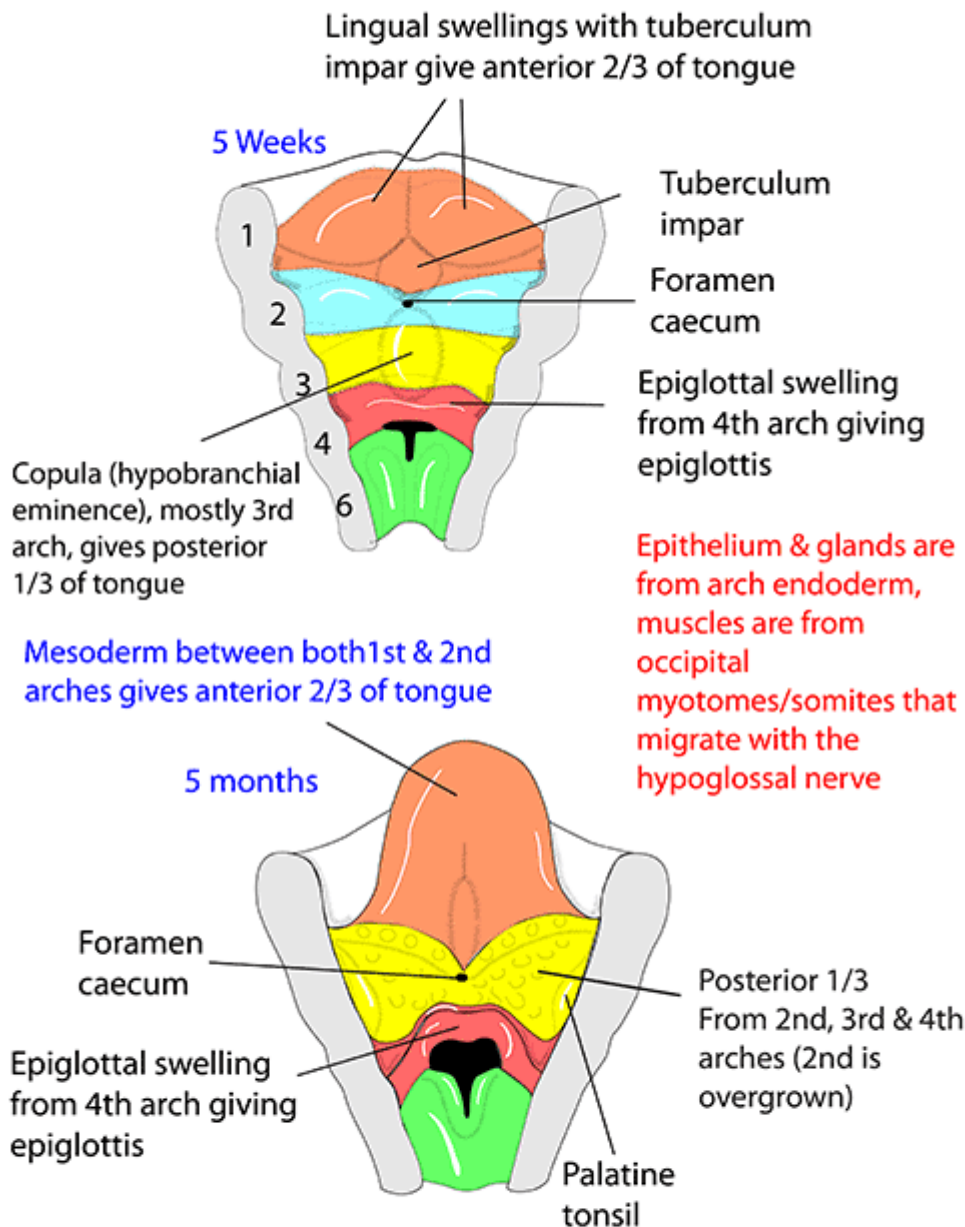


CIRCUMVALLATE PAPILLA



FORMATION OF THE TONGUE

FLOOR OF PHARYNX (PHARYNGEAL ARCHES)

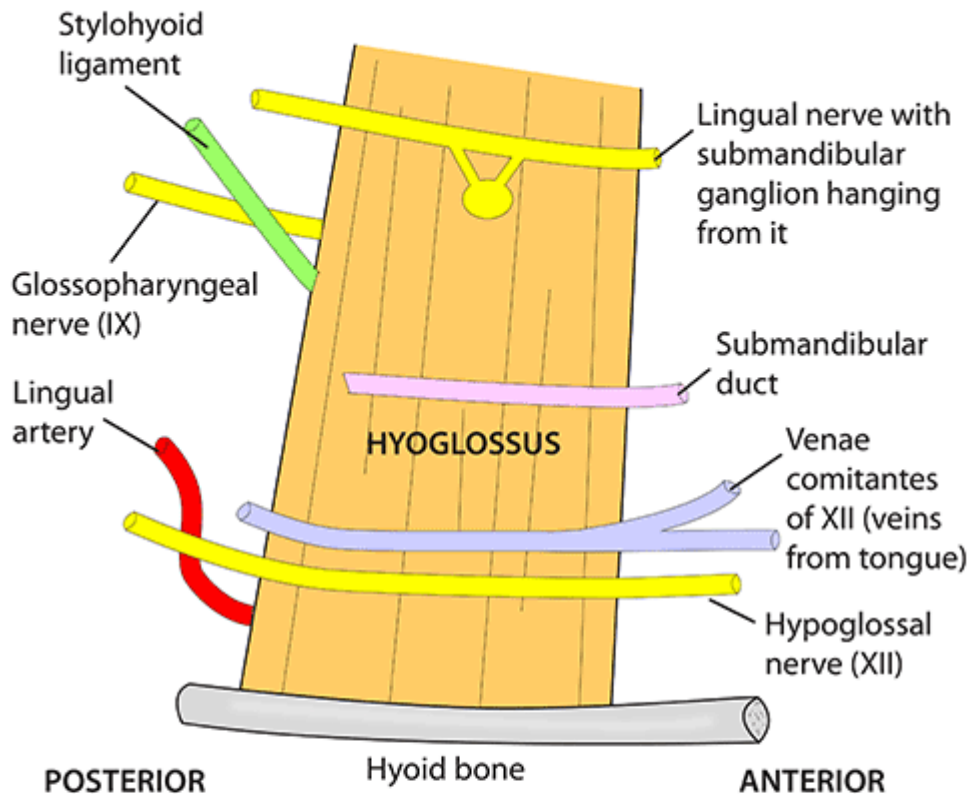


NERVES

Anterior 2/3 Mandibular division of trigeminal (Vc). 1st arch nerve
Chorda tympani for taste. Only remnant of 2nd arch

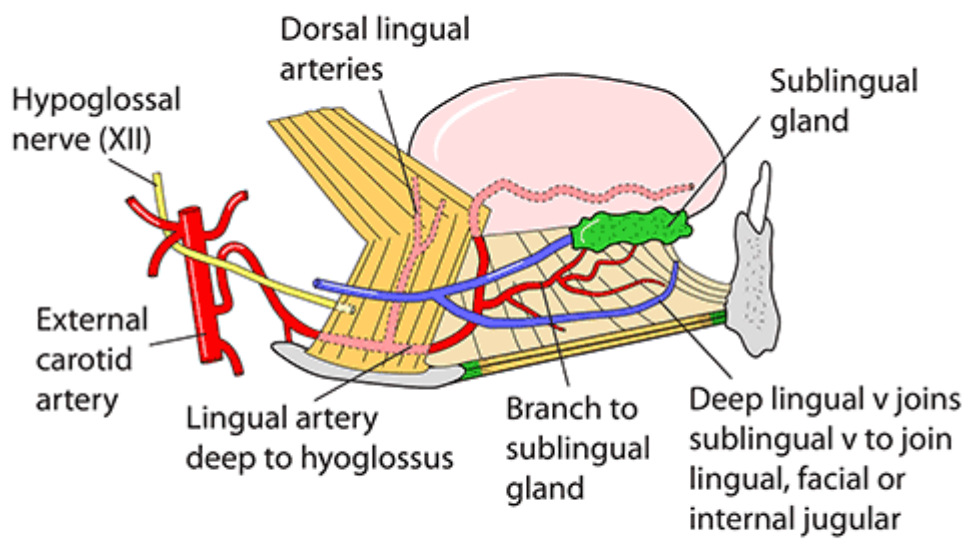
Posterior 1/3 Glossopharyngeal (IX). 3rd arch nerve
Internal branch of superior laryngeal branch of vagus which is 4th arch nerve

HYOGLOSSUS & ITS RELATIONS



- The mylohyoid muscle (not shown) overlaps the anterior edge of hyoglossus
- Hyoglossus is supplied by the hypoglossal nerve as are all the muscles of the tongue except palatoglossus (pharyngeal plexus)
- Further anteriorly, under the mylohyoid, the lingual nerve passes lateral to the submandibular duct, then dips under it to appear on its medial side to enter the tongue
- The venae comitantes of the hypoglossal nerve pass posteriorly to join the facial vein

TONGUE - LINGUAL ARTERY

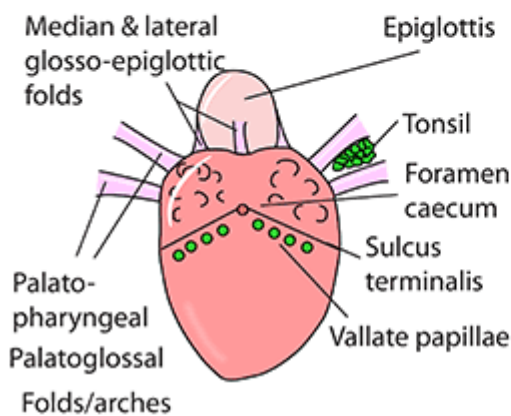


LYMPH

- Tip to submental glands bilaterally
- Dorsum to submandibular mostly unilaterally
- Posterior to jugulo-omohyoid & deep cervical

TONGUE - GENERAL TOPOGRAPHY

The tongue is a mass of skeletal muscle covered by mucous membrane. It is divided functionally and embryologically into an anterior 2/3 and a posterior 1/3 by the sulcus terminalis

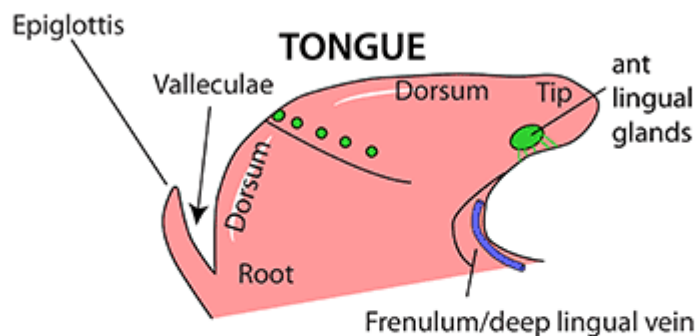


POSTERIOR 1/3:

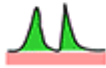
Oropharynx. smooth mucosa for swallowing
No papillae. Lingual tonsil.
Serous/mucous glands

ANTERIOR 2/3:

Oral. Papillae (filiform, fungiform & vallate) for grip/taste.
Glands on tip and sides only
Stratified, keratinising squamous epithelium



PAPILLAE



Filiform for grip, keratin tips - pink after chewing, white then brown when dry



Fungiform
Taste buds



Vallate with crypts for taste and serous glands

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