Page

Date

Sub Mandibular gland

mixed Salivary gland (mucous and serous)

it has 2 parts → superficial part
→ deep part

(the 2 parts continous with each other at the post border of Mylohyoid muscle)

extension of superficial part

- **Ant**: to the mental Foramen, it overlaps the Ant. belly of digastric muscle
- **post**: to the angle of mandible, * it's separated from the parotid gland by the stylomandibular Lig
- **above**: Mylohyoid Line of mandible
- **below**: it overlaps the intermediate tendon of digastric

Relation of

- **lat surfece of super part**
  1) Sub mandibular Fossa of mandible
  2) Facial art
  3) Insertion of medial pterygoid muscle
- **Inferolateral Surfece of super part**
  1. Skin
  2. Super Fascia containing platysma and cervical branch of Facial nerve
  3. deep Fescia
  4. Sub mandibular lymph nodes
  5. Ant Fecial vein

Relation of medial surfece of super part

- **Ant part**: Related to Mylohyoid ms separated from it by
  - mylohyoid n + vessels
  - Submental vessels
  - Ant belly of digastric
- **middle part**: related to hyoglossus ms separated from it by
  1. Styloglossus
  2. lingual n
  3. Sub mandibular ganglia
  4. deep part of sub mandibular gland and it's duct
  5. vena commitant s
  6. Hypo glossus n
- **post part**: related to
  - Post belly of digastric
  - stylohyoid ms + stylohyoid lig

Relation of the deep part and duct

- **above**: Lingual nerve
- **below**: hypoglossus nerve + vena commitants
- **medially**: hypoglossus muscle
- **laterally**: mylohyoid muscle

Submandibular (Wharton's) duct
1. length 5cm
2. passes between geniglossus (medially) and sublingual (laterally)
3. lingual nerve has triple relation with duct lat, medial, below
4. ends

open into sublingual papilla in floor of mouth close to Frenulum of tongue

Sub lingual gland