

XVII. Diseases of the Digestive System

2. *Acute suppurative parotitis (sialoadenitis):*

- From an ascending infection of mouth **along Stenson's duct** (cocci aided by bad mastication in weak patients).
- Rarely, is hematogenous (pyaemia).
- May complicate surgical operations.

Gross appearance:

At first the glands are:

- Swollen and red.
- Painful and tender

Later on the pus appears:

- Externally.
- Internally to Eustachian tube.
- Below angle of jaw → retropharyngeal abscess.

II. Chronic enlargement of salivary glands

1. Chronic inflammation:

Caused by:

- (a) Calculus.
- (b) Specific diseases (syphilis).
- (c) Drugs (iodides and mercury).

2. Mickulicz syndrome:

Origin:

(a) Inflammatory:

- Tuberculosis.
- Sarcoidosis.

(b) A part of other diseases:

- Leukaemia.
- Hodgkin's disease.

(c) A manifestation of: Sjogren's syndrome.

- Auto-immune react on Collagen diseases.
- Features: Bilateral enlargement of salivary and lacrimal glands.





3. Sjogren's syndrome:

Nature:

- An auto-immune disease; mostly females suffering from rheumatoid arthritis.

Characters:

- Recurrent swelling of parotid glands.
- Conjunctivitis.
- Changes in lacrimal glands → reduction of tears.
- Changes (degenerative and atrophic) in submucous glands of upper alimentary and respiratory tracts.

Features:

At first: Glands are enlarged and firm.

Later on: Degenerative and atrophic changes and replacement of parenchyma by fibro adipose tissue.



4. Uveo-parotid fever (Heerfordt's syndrome):

- Enlarged parotid glands.
- Chronic inflammation of iris, ciliary body and choroid.
- Fever.
- Facial paralysis (occasional).



Calculus				
Salivary gland (maxillary):	Shows a concretion			
	<i>Areas of fibrosis</i>			
	The concretion:	<i>Small in size</i>		
		<i>Brownish-grey in colour</i>		

N.B.

- A concretion occurs **mostly in the parotid gland or its duct.**
- It is composed of calcium carbonate and phosphate with some mucin.
- It may produce pain, infection, obstruction, and fibrosis and retention cyst.



