

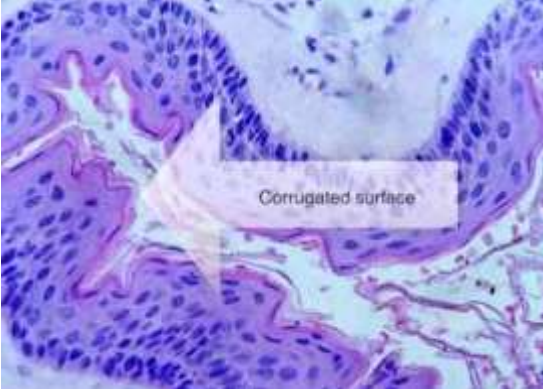



XVII. Diseases of the Digestive System

<p>Odontogenic Cyst</p>	
<p><i>The lower jaw (mandible):</i></p>	<ul style="list-style-type: none"> • Is slightly swollen at its centre • Shows a cystic mass
<p><i>The cystic mass:</i></p>	<ul style="list-style-type: none"> • Is moderate in size • In relation to a totally-embedded tooth
<p><i>The tooth:</i></p>	<ul style="list-style-type: none"> • Appears inside the cystic cavity
	
	<p>Figure 111 <i>Nature</i> Odontogenic Cyst (mandible) <i>Specimen No.</i> III-1,4.031 <i>Reference P.</i> 220</p>
 <p>Odontogenic keratocyst</p>	 <p>Odontogenic Epithelially-lined saccular masses</p>

N.B.1:

- The dentigerous cyst is a relatively common type of odontogenic cysts.
- It may arise in relation to either a partially-erupted tooth or a totally-embedded one.

N.B.2:

Cysts of the jaws:

- **Epithelial-lined saccular masses**
- Present in a pathologically produced cavity in the bone.

Types:

I. Odontogenic:

1. **Radicular cyst.**
2. **Follicular cyst:**
 - (a) Dentigerous cyst.
 - (b) Simple follicular cyst.

II. Non-odontogenic cysts:

1. **Naso-palatine (incisive canal) cyst.**
2. **Median mandibular cyst.**

N.B. 3

Tumours of the jaws

Odontogenic tumours (derived from tissues related to tooth-formation).

1- Simple (from a single germ layer; mesoderm or ectoderm).

1. **Odontogenic fibroma (benign central tumour of mandible).**
2. **Odontogenic myxoma (benign central tumour).**
3. **Odontogenic myxofibroma.**
4. **Enameloma (spherical nodules of dental pearls).**
5. **Dentinoma (central benign tumour).**
6. **Cementoma (spherical; single or multiple; in the mandible).**
7. **Ameloblastoma (adamantinoma): Locally-invasive and is destructive.**

2- Composite (from both mesoderm and ectoderm);

- Usually (but not always) calcified; in areas **where a normal tooth has failed to form.**

1. Calcified composite odontomes:

- (a) Complex,
- (b) Compound.
- (c) Cystic.

2. Non-calcified (or partly only) composite odontomes:

- (a) **Ameloblastic odontome.**
- (b) **Non-calcified-ameloblastic fibroma.**
 - Ameloblastic haemangioma.
 - Ameloblastic neuroma.
 - Ameloblastic sarcoma.

Ameloblastoma (adamantinoma): Locally-invasive and is destructive.

Sites:

- **Oral** (mandible; area of ramus and molars).
- **Extra-oral** (pituitary gland; tibia; upper lip; pharynx)

Features:

- May be solid (at least at first) then → cystic cavitation.
- May (or may not be) capsulated.

Varieties:

- **Acanthomatous;**
- **Haemangiomatous;**
- **Melanomatous;**
- **Carcinomatous.**

