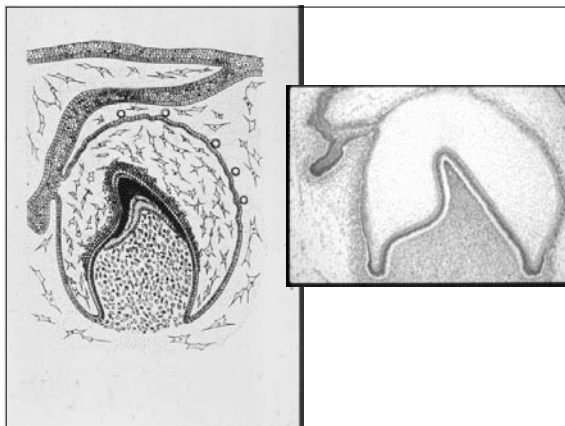


Origin of Odontogenic Cysts & Tumors

Odontogenic Apparatus

- Remnants of dental lamina
- Reduced enamel epithelium
- Odontogenic rests
- Basal cell layer of oral mucosa
- Lining of odontogenic cysts



Epithelial Tumors

- Ameloblastoma
- Adenomatoid odontogenic tumor
- Calcifying epithelial odontogenic tumor (Pindborg tumor)
- Squamous odontogenic tumor
- Clear cell odontogenic carcinoma

Ectomesenchymal Tumors

- Odontogenic myxoma
- Granular cell odontogenic tumor
- Central odontogenic fibroma
- Cementoblastoma

Mixed Odontogenic Tumors

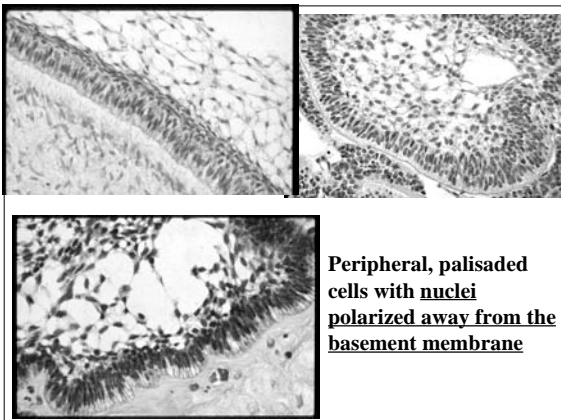
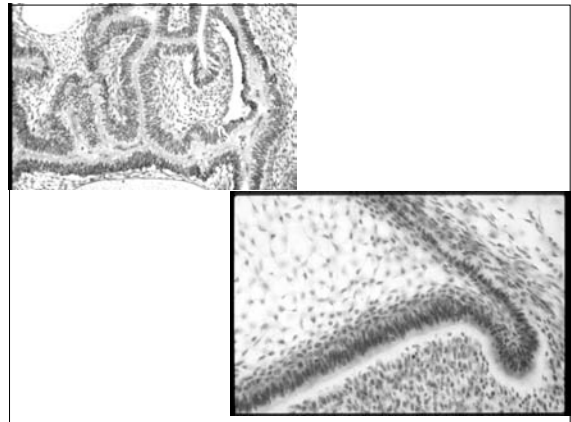
- Odontoma
 - Compound
 - Complex
- Ameloblastic fibroma
- Ameloblastic fibro-odontoma
- Ameloblastic fibrosarcoma
- Odontoameloblastoma

Epithelial Tumors

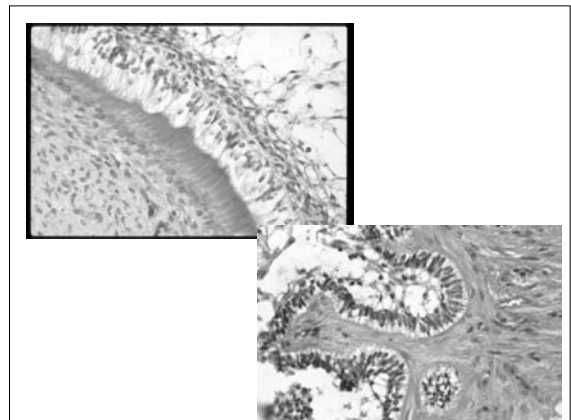
- Ameloblastoma
- Adenomatoid odontogenic tumor
- Calcifying epithelial odontogenic tumor
- Squamous odontogenic tumor
- Clear cell odontogenic carcinoma

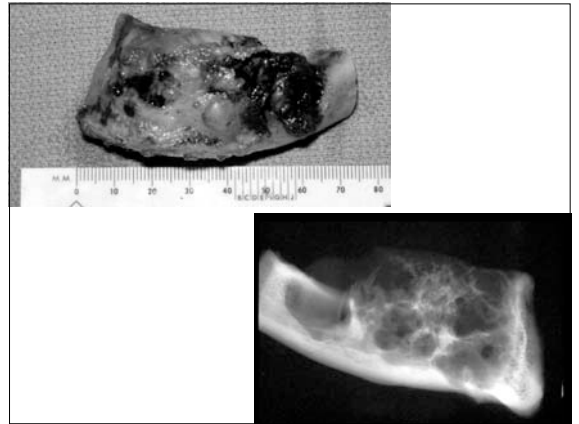
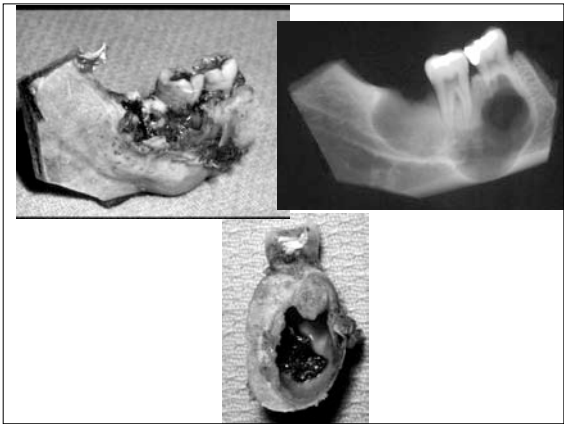
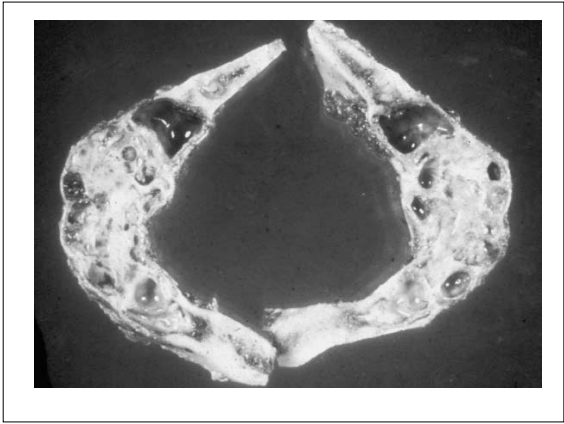
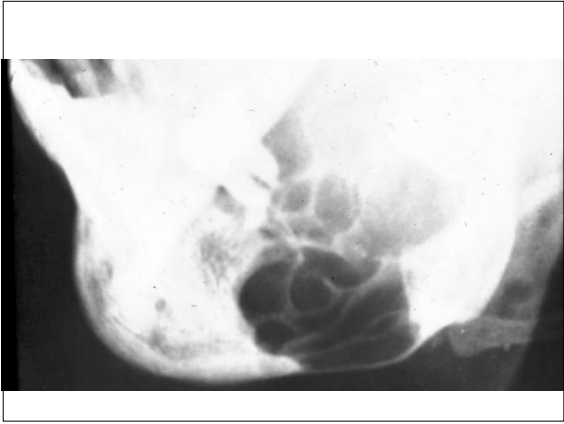


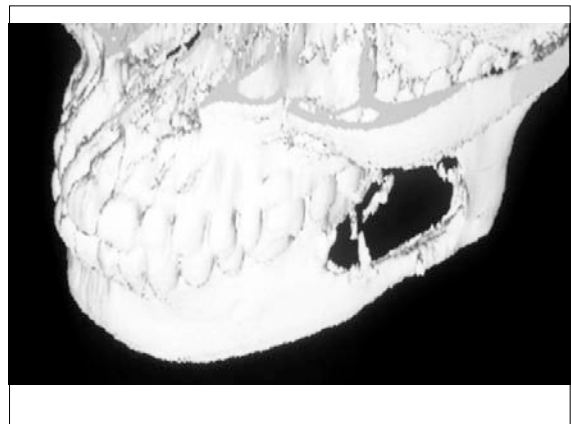
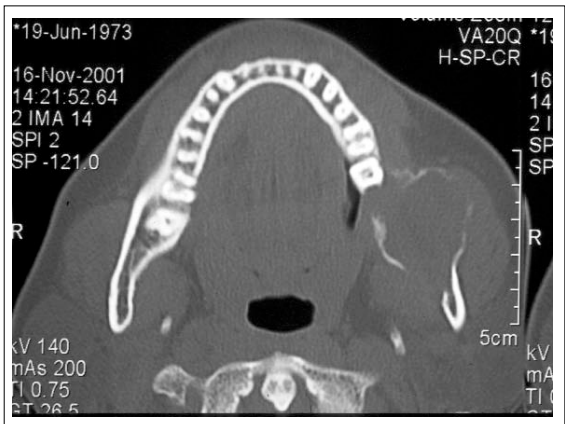
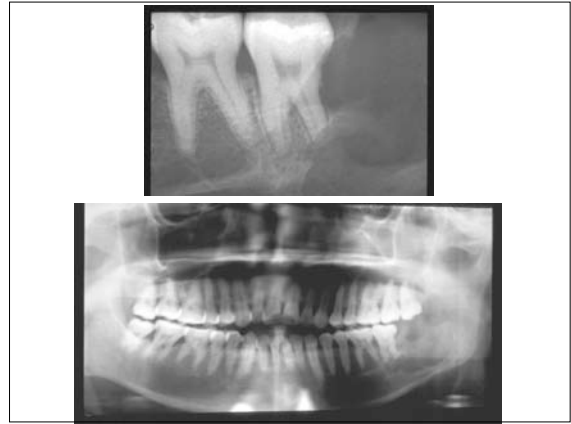
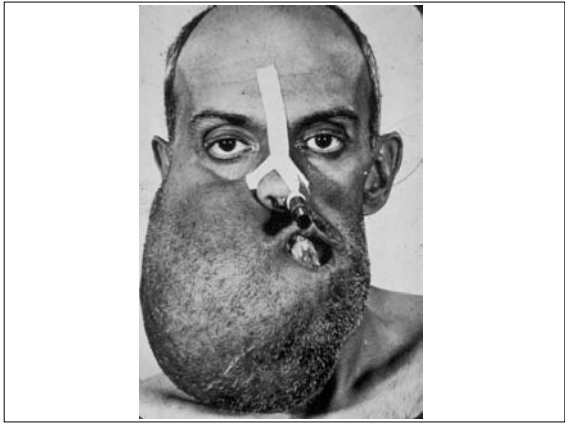
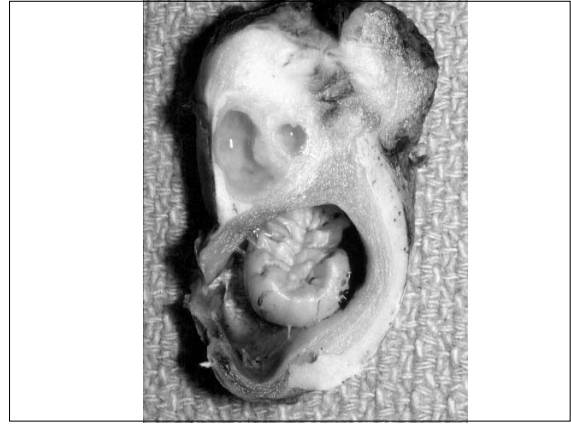
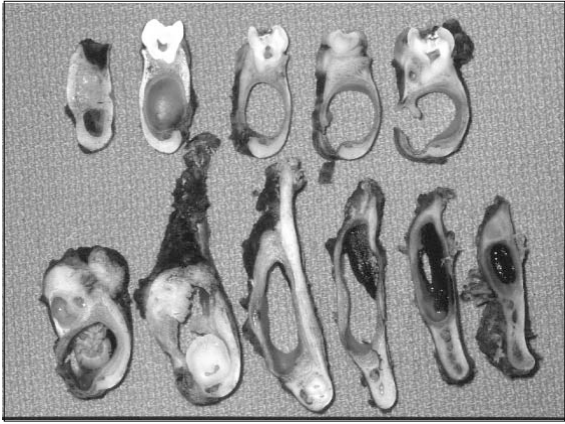
Multilocular, expansile radiolucency

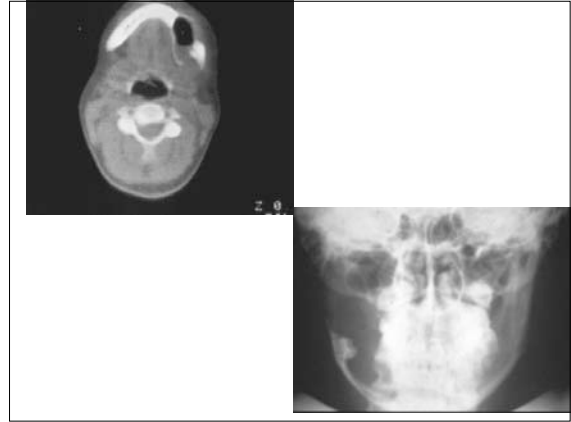


Peripheral, palisaded cells with nuclei polarized away from the basement membrane



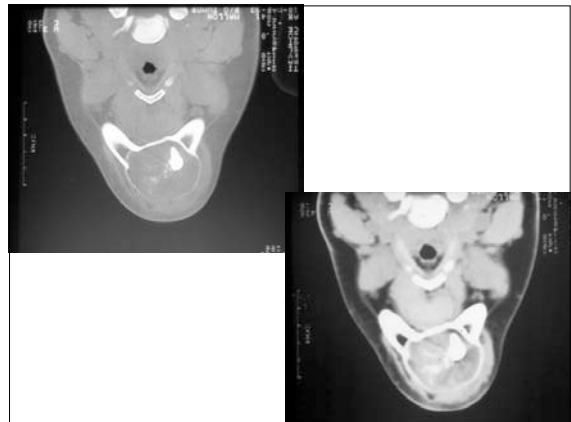
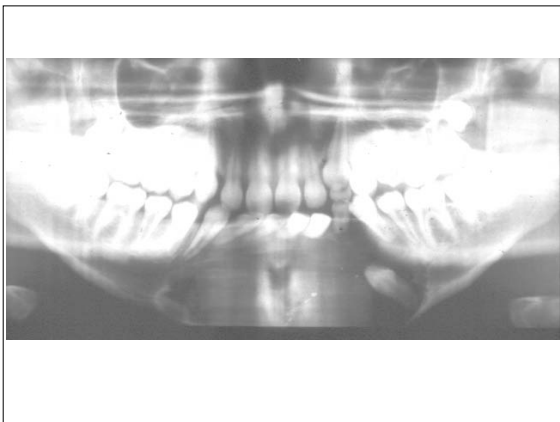
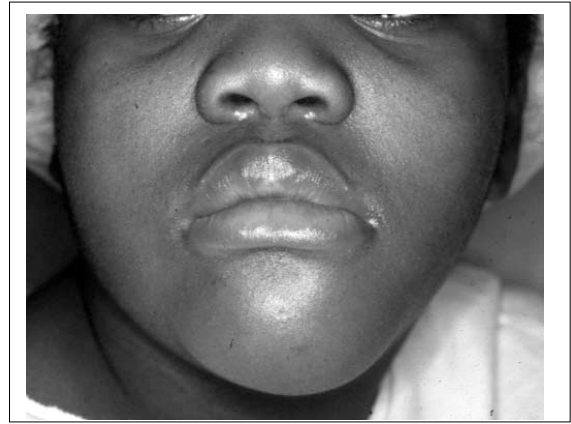


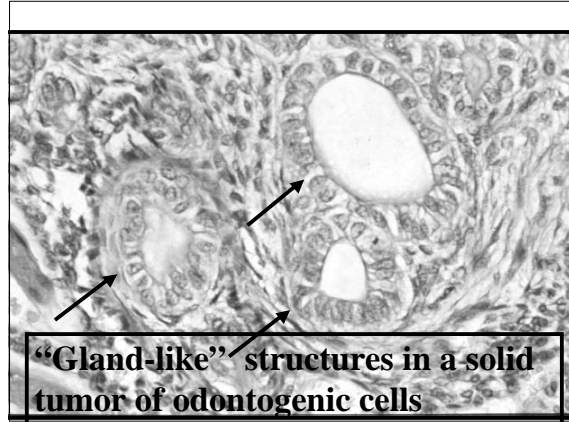
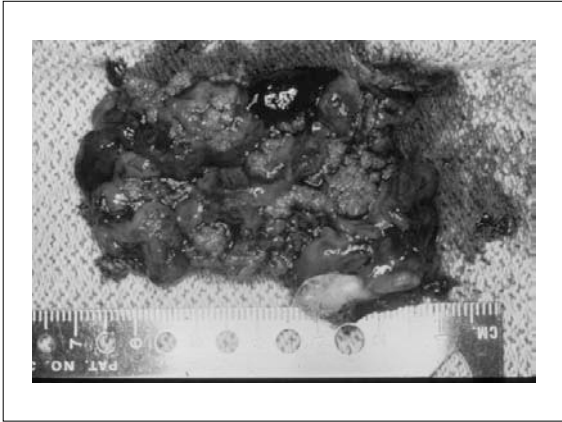




Unicycstic Ameloblastoma

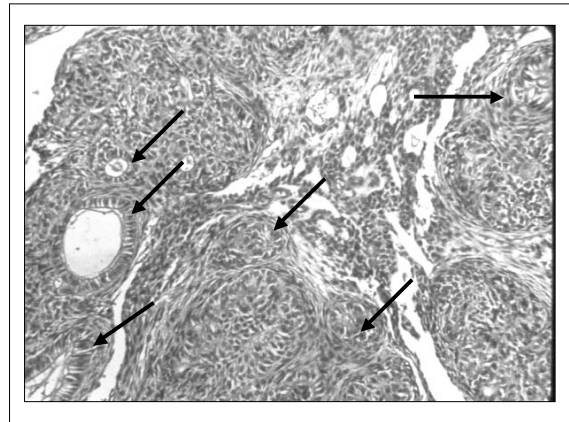
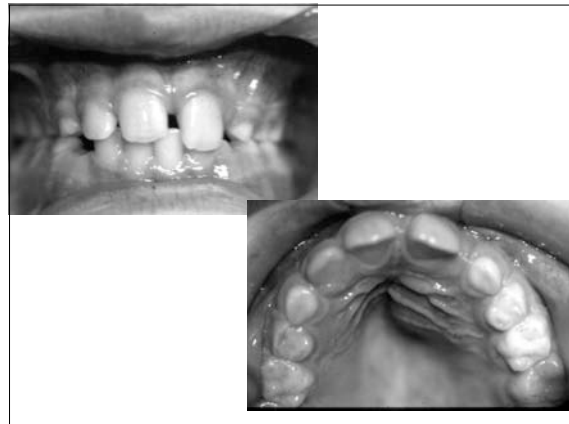
- Generally in younger people than the average age of 33 for ameloblastomas
- If truly unicycstic (all ameloblastoma is within the cyst lumen) can be treated by curettage of the cyst
- If ameloblastoma is in the wall of the cyst, treatment must be standard for ameloblastoma, resection

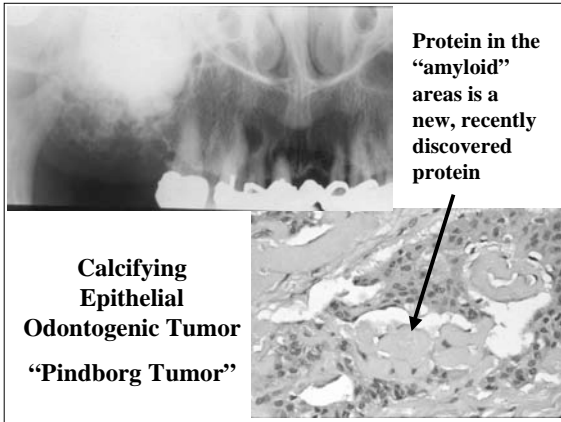




**Adenomatoid
Odontogenic Tumor
"A.O.T"**

- Young patients
- Anterior jaws
- Usually associated with impacted teeth
- Easily removed, therefore small chance of recurrence



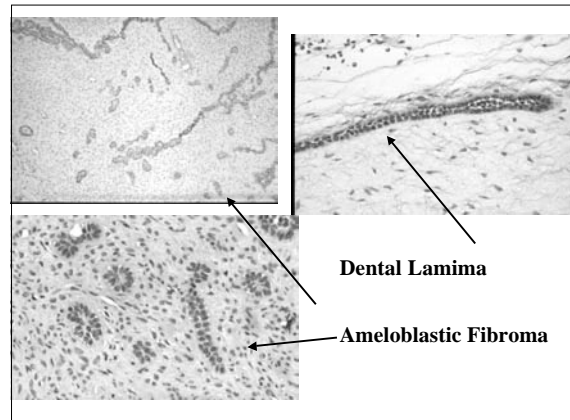


Epithelial Tumors

- Ameloblastoma
- Adenomatoid odontogenic tumor
- Calcifying epithelial odontogenic tumor
- Squamous odontogenic tumor
- Clear cell odontogenic carcinoma

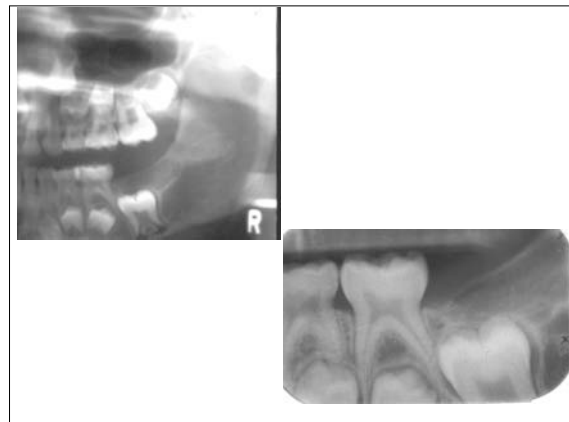
Mixed Odontogenic Tumors

- Ameloblastic fibroma
- Ameloblastic fibro-odontoma
- Odontoma
 - Compound
 - Complex
- Ameloblastic fibrosarcoma
- Odontoameloblastoma



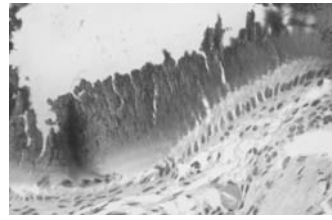
Ameloblastic Fibroma

- Mixed odontogenic tumor
- Both ectodermal and ectomesenchymal layers



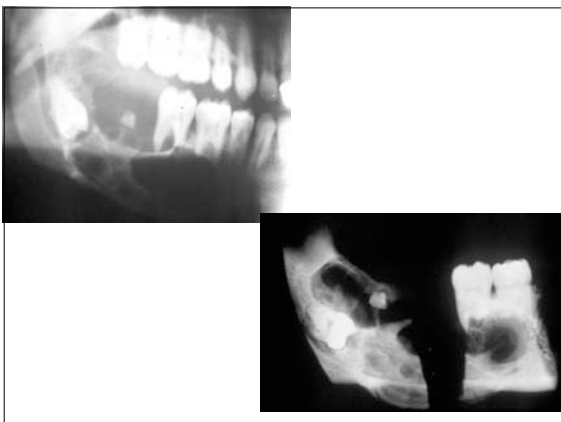
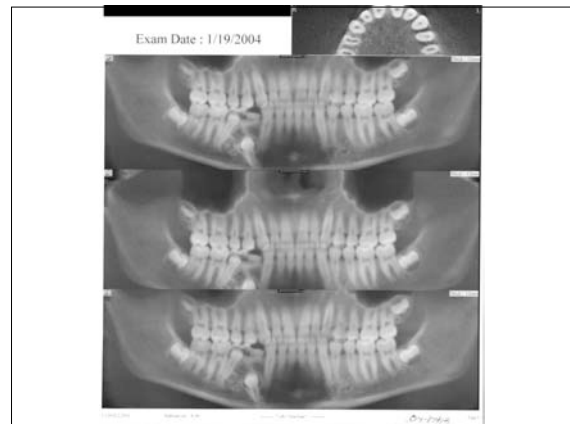
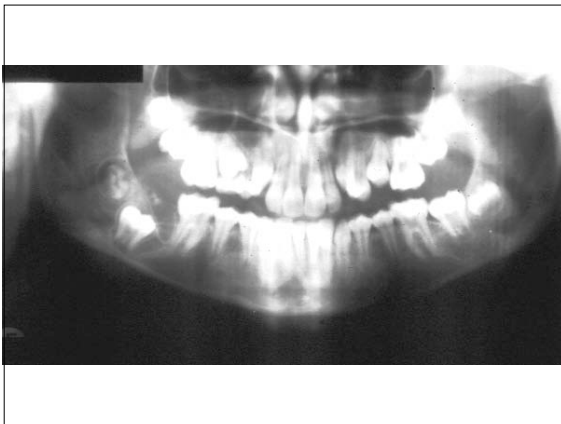
Ameloblastic Fibroma

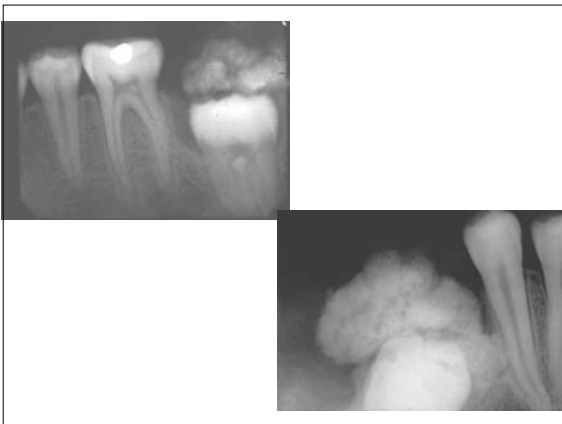
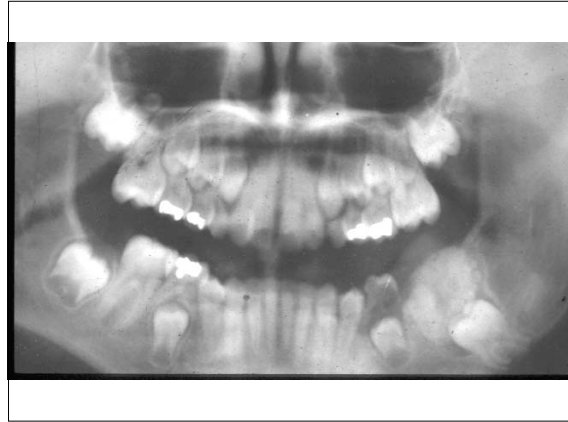
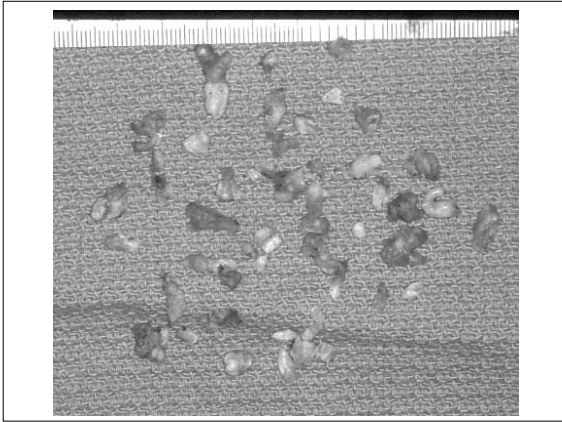
- **Not generally aggressive**
- **Easily removed if discovered & treated early**



If tooth material present, considered an odontoma, therefore:

Ameloblastic Fibro-odontoma



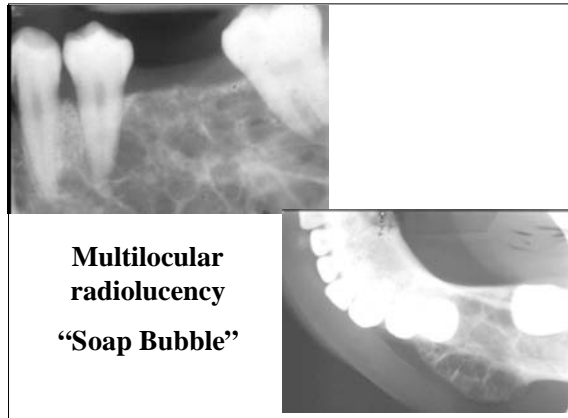


Odontoma

- Mixed odontogenic tumor
- Complex - no normal relation of tooth material
- Compound - abnormal shape and size but tooth material is in correct relation

Ectomesenchymal Tumors

- Odontogenic myxoma
- Granular cell odontogenic tumor
- Central odontogenic fibroma
- Cementoblastoma



Multilocular radiolucency
"Soap Bubble"

