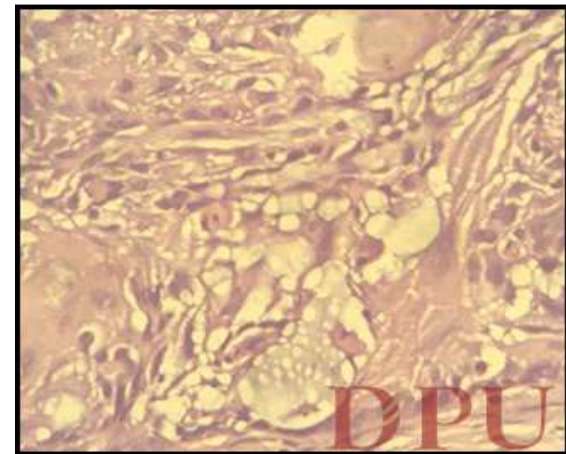
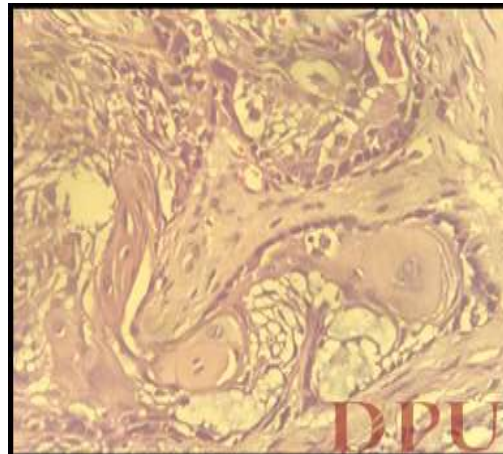
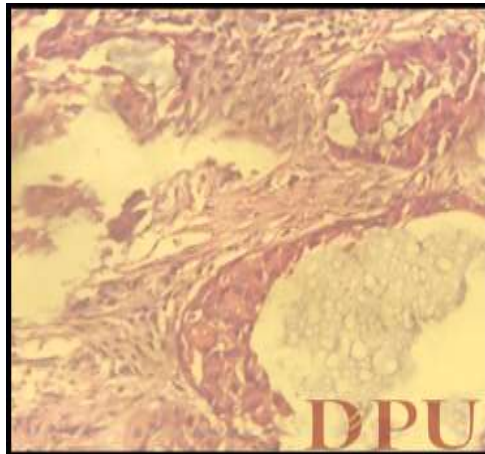
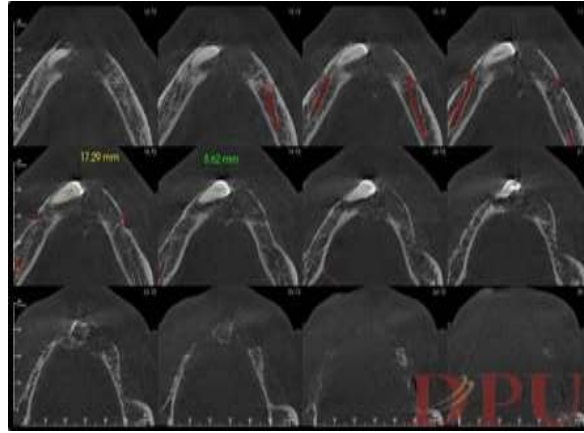


Case of the month: July - Central mucoepidermoid carcinoma associated with impacted tooth



*Photomicrograph showing tumour cells arranged in the form of varying shapes and sizes. The mucous collection is evident in many places surrounded by the tumour cells. **Histopathological Diagnosis: Low-grade Central Mucoepidermoid Carcinoma (CMC)***

CMC occurring within jaw bones is a very rare malignant tumor of the salivary glands and comprises 2-3% of all MECs. The association of these central tumors with an impacted tooth is also not very commonly encountered in day to day practice.

Dr. Namrata Sengupta
Guided By: Dr. Sachin Saode
Oral Pathology & Microbiology

CASE OF THE MONTH: JUNE



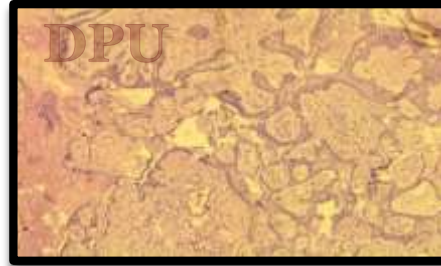
CLINICAL



RADIOGRAPH



GROSSED



HISTOPATH

The hematoxylin and eosin stained section shows lesional tissue composed of connective tissue with anastomosing ameloblastic follicles in plexiform pattern. Ameloblastic follicles contain stellate reticulum like cells in the center, lined by tall columnar cells at the periphery. At places the ameloblastic epithelium is present in the form of strands and sheets.

HISTOPATHOLOGICAL DIAGNOSIS: PLEXIFORM AMELOBLASTOMA

Differential Diagnosis:

- Odontogenic myxoma
- Central giant cell granuloma
- Odontogenic keratocyst

Plexiform Ameloblastoma

It represents 1% of all tumors and cysts that involve the maxillo- mandibular area making it a rare entity.

