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RESEARCH ARTICLE

CASE REPORT: CONCURRENT PERIPHERAL OSSIFYING FIBROMA AND CYST OF THE PALATINE PAPILLA.

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Abstract

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Introduction:-

Peripheral ossifying fibroma (POF) is considered to be a reactive soft tissue tumor-like growth. It is widely accepted that this lesion originates from the periodontal ligament cells⁽¹⁾. Clinically, POFs favor the anterior maxillary region, with a strong female predilection, especially in the second decade of life. In spite of the reported recurrence rate, POFs exhibit a benign biological behavior⁽²⁾.

Case report

We are reporting a case of Peripheral ossifying fibroma, and a cyst of incisive papilla, occurring concurrently. Our patient is an 11 years old male, who presented to our clinic at the Faculty of Oral and Dental Medicine, Future University in Egypt, with a chief complaint of "I have a bump on my gum".

Clinical examination revealed a pink/red sessile palatal gingival lesion between the maxillary central incisors, which labially displaced the upper left central incisor (*Fig 1*). The patient stated that he experienced several recurrences, with the present lesion representing the third recurrence. The lesion was surgically excised and was submitted for histopathological examination, with a subsequent diagnosis of POF.

A year later the patient returned with a soft tissue swelling at the same site (*Fig.2*), which was histopathologically diagnosed as a POF, along side a cyst of incisive papilla (CIP). It was presumed that the CIP was biopsied coincidentally, from the same site (*Figs.3 and 4*).

A couple of years later, the patient returned with a lesion at the same site, that was histopathologically diagnosed as a POF.

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Fig 1:-Photomicrograph of the patient at initial presentation at our facilities. Note the palatal swelling and the labial tilting of tooth number 9.

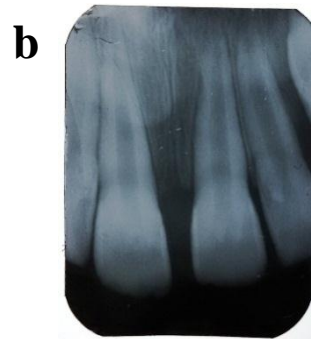


Fig 2:-Patient`s photomicrograph(a)and peri-apical radiograph(b),at second presentation at our facilities.

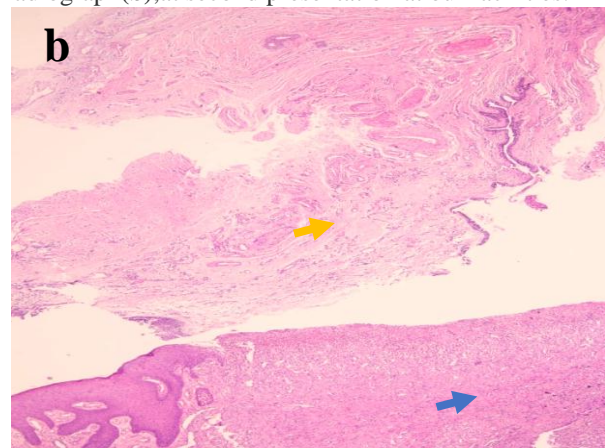
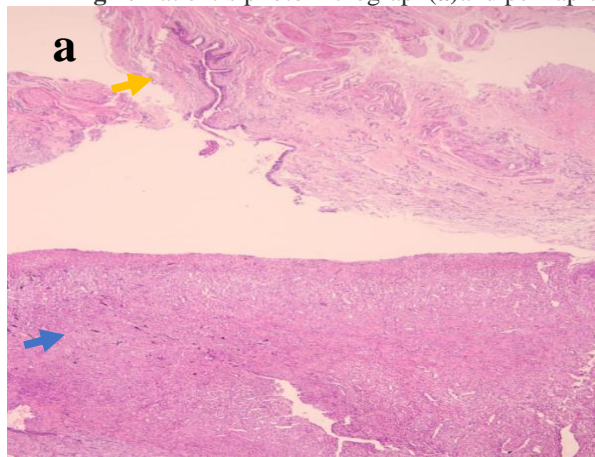


Fig 3:-(a and b) photomicrograph of the biopsied tissue, exhibiting both a peripheral ossifying fibroma (blue arrow) and a cyst of the incisive papilla (yellow arrow). (orig. mag. X 20, H&E)

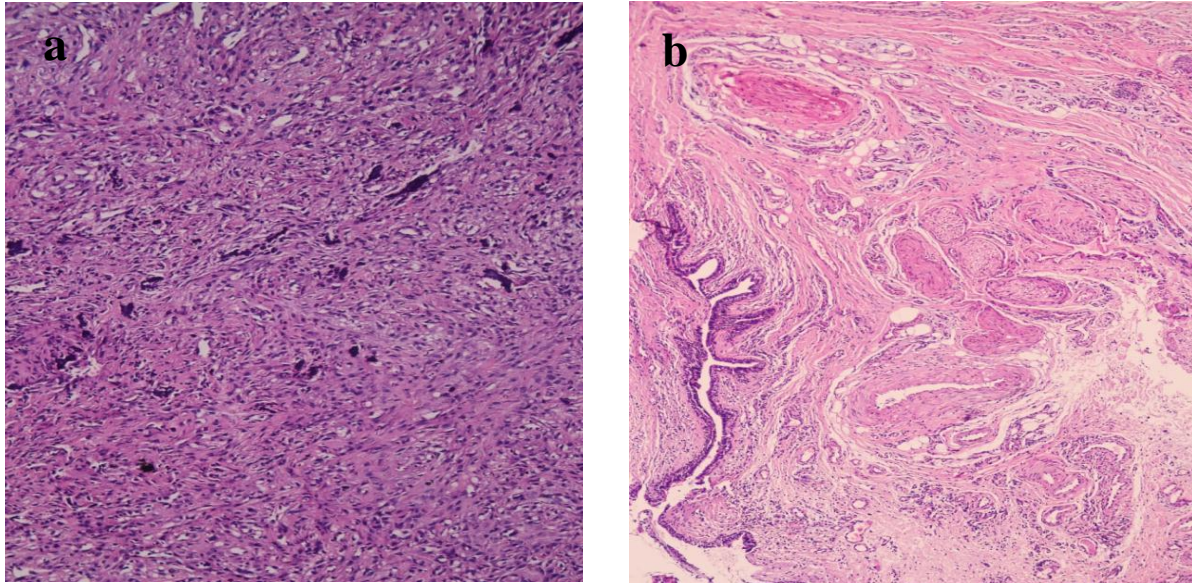


Fig 4:-photomicrograph of the biopsied tissue, exhibiting a peripheral ossifying fibroma (a) and a cyst of the incisive papilla(b). (orig. mag. X 40, H&E)

Conflict of interest

None

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