

Case Report
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Maxillary Actinomycosis: A Nice Discovery

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Comment

Actinomycosis is a subacute to chronic infection caused by Gram-positive, anaerobic filamentous bacteria [1,2]. It can present in four forms: cerebral, cervicofacial, thoracic and abdominal-pelvic [2]. The cervicofacial form typically affects the cheek and chin area but very rarely involves the maxillary bone [3]. We present the case of a 65-year-old patient with a history of multiple myeloma who presented with a lesion in the anterior part of the upper maxillary bone. A recurrence of her myeloma was suspected. A CT scan of the facial area revealed a lesion process of the maxilla. Histological examination of the biopsy showed bone dystrophy and areas of necrosis (Figure A) with filaments that were positive for Grocott staining, indicating actinomycosis (Figures B and C).

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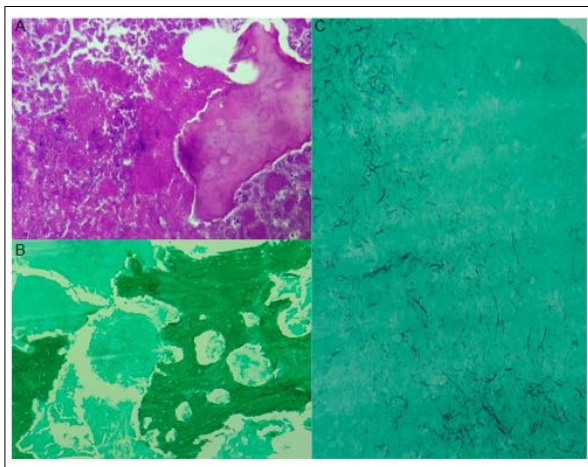


Figure 1: A) HE stain x 100 B) Grocott-Gomori stain x 100, C) Grocott-Gomori x 400

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