

A Case of the Week

Case 447

A seventy-seven-year-old female presented in our hospital with a reference letter from a local orthopedist saying that she was scheduled to be given medicines including bisphosphonates to repress bone absorption, and ask investigation of tooth condition. She took panorama X radiograph of tooth (Fig. 1) and jaw CT (Fig. 2, 3) for further investigation.

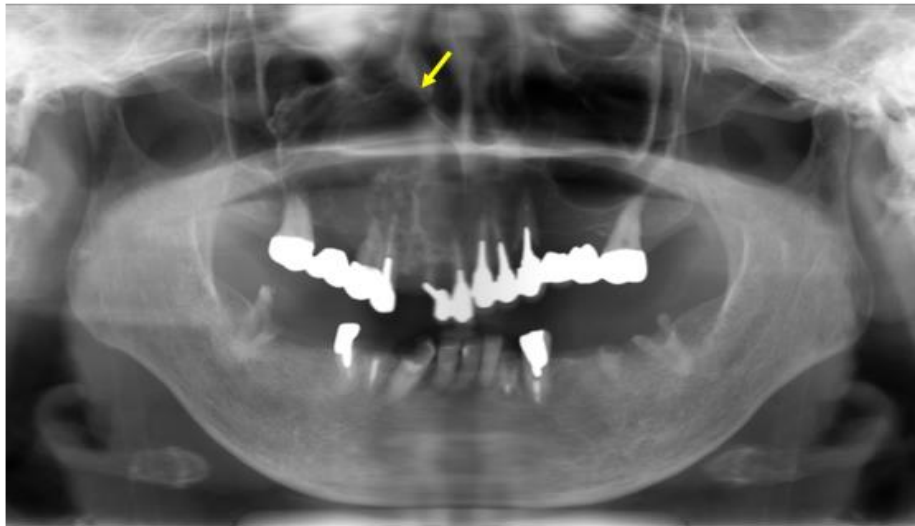


Fig.1 Panorama radiograph depict a cystic lesion in the right maxillary bone.

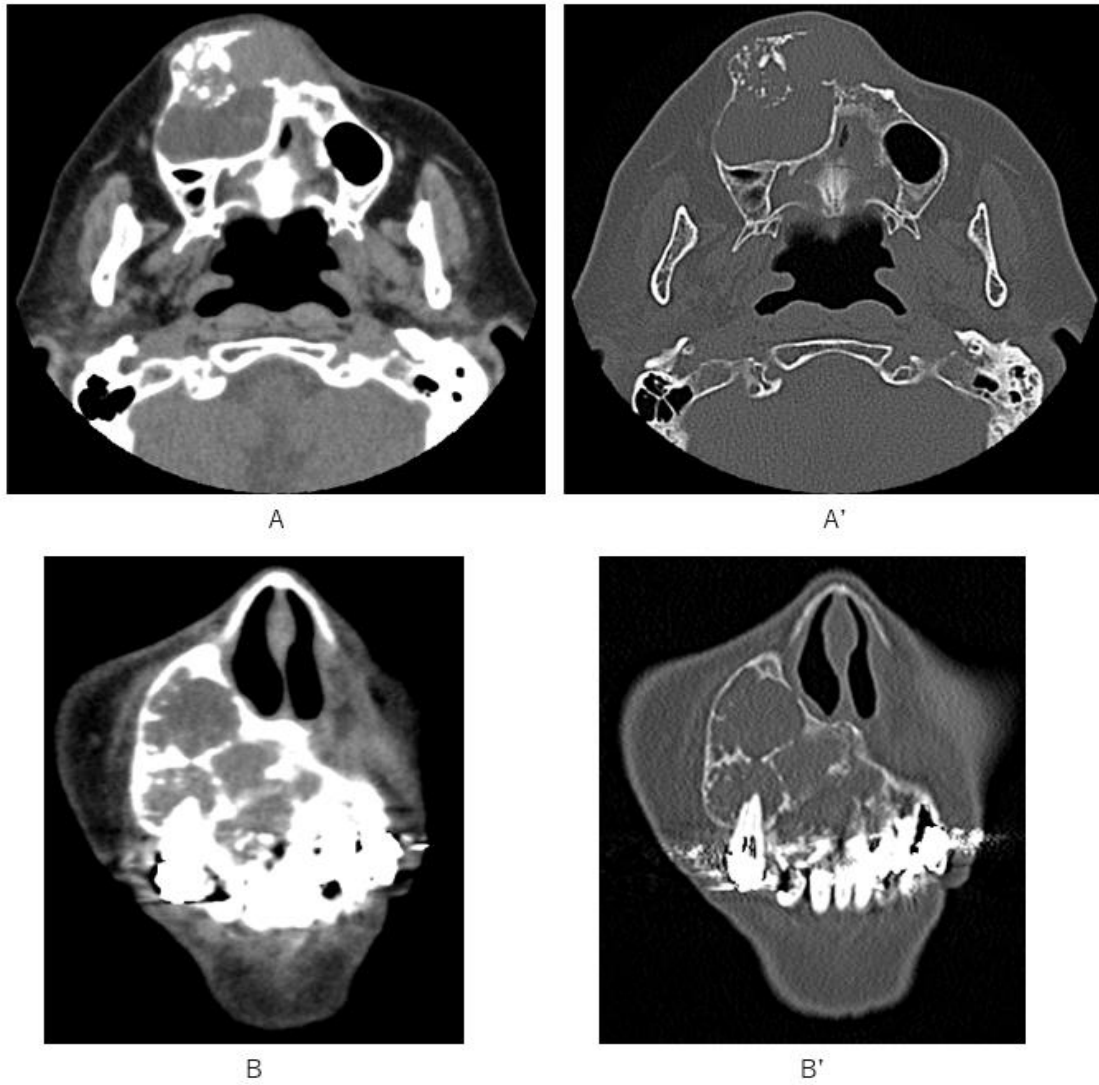


Fig.2 A space occupying lesion with mixed attenuation of low, iso and high corresponded to scattered calcification associated with bone destruction, is depicted on dental axial CT with soft tissue level (A, B) and bone level (A', B')

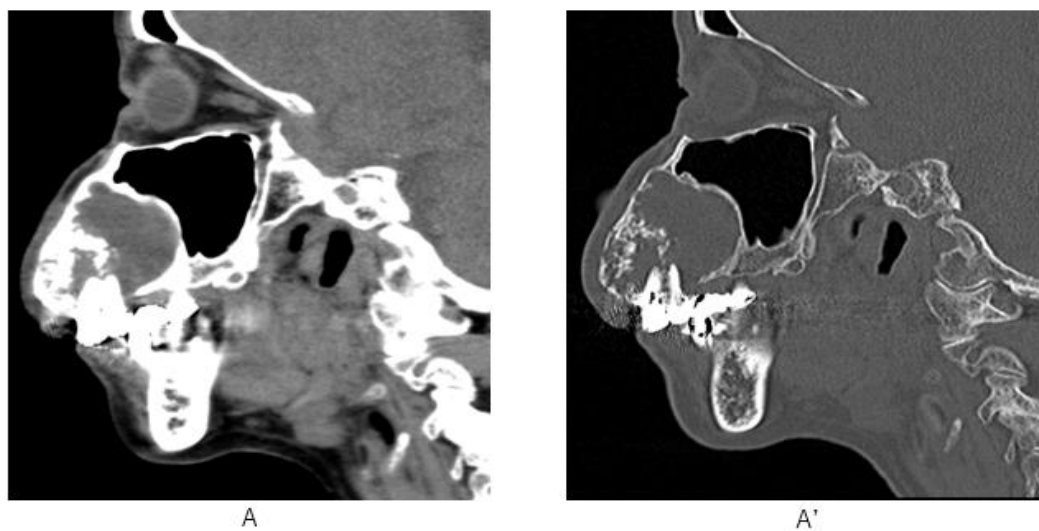


Fig.3 A space occupying lesion with soft tissue density including scattered calcification associated with bone destruction is depicted on sagittal dental CT with soft tissue level (A) and bone level (A').

What is the imaging diagnosis?

1. Radicular cyst
2. Dentigerous cyst
3. Odontogenic kerato-cyst
4. Ameloblastoma

answer

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