

Patient: Anonymous

Doctor: John Smith

Notation: Universal

Notes: Please evaluate the maxillary and mandibular lesion

Report Date: April 3, 2013

Birthday: Anonymous

Scan Date: April 2, 2013

Areas of Interest

- In the maxilla, two high density areas are noted apical to teeth #4 and 13. Areas are well- defined with a high density central area and a low-density rim surrounding them. Borders are corticated and are causing thinning of the buccal alveolar cortex.
- In the mandible, several high and low density rarefactions are noted bilaterally and anteriorly of varying size and shape. They exhibit irregular and regular outlines that are corticated. Internally some lesions exhibit a high density area with a low-density rim surrounding them, some lesions appear to have a soft tissue, ground glass appearance with no low-density rim. Irregular thinning of the buccal cortical plate is noted at sites #19, 21 and 30 with possible interruption of the cortical plate at site #30. Irregular thinning and slight expansion of the lingual cortex is noted posterior to tooth #31. Bilaterally, the mandibular canals appear displaced inferiorly at certain areas but cortical outlines are not interrupted. No cortication of the canals is noted

Incidental Findings

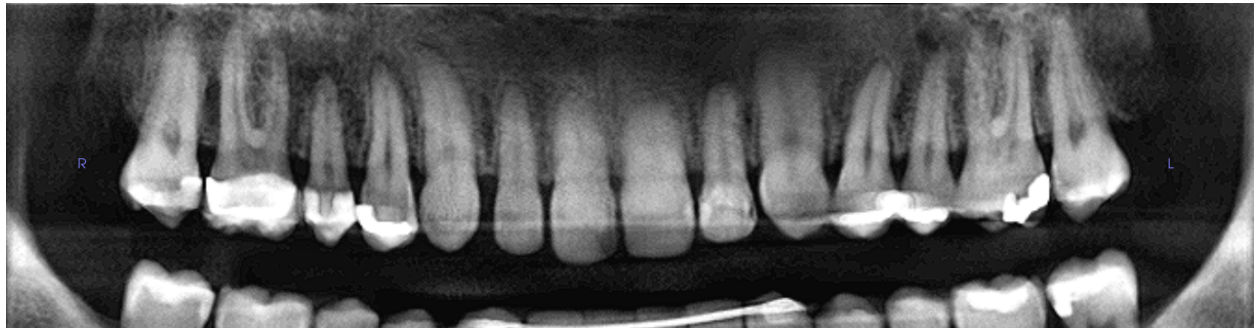
- None.

Impressions

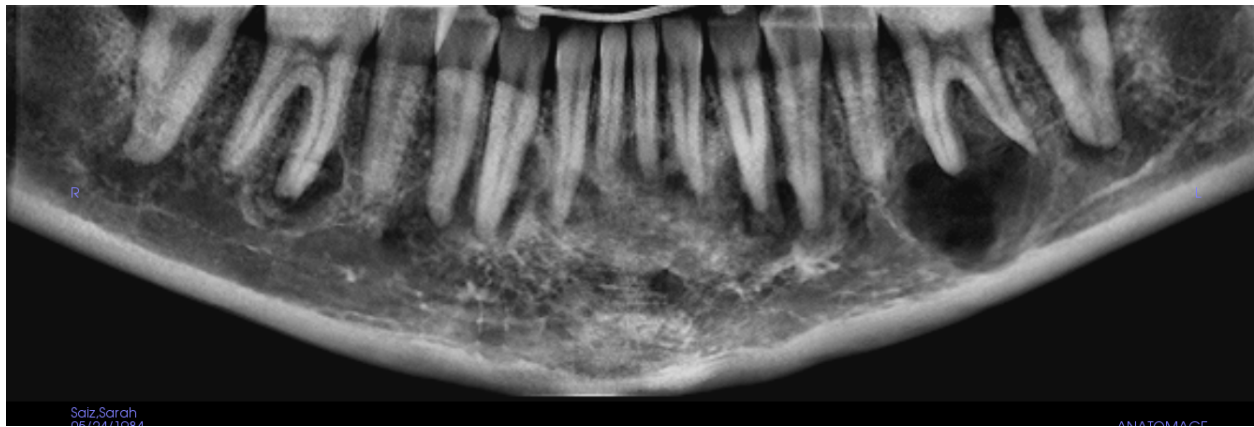
- Findings for maxilla and mandible are most consistent with an odontogenic dysplastic process that is consistent with periapical cemental dysplasia or florid cement-osseous dysplasia. This is a relatively common finding (34.8% according to one paper) in patients with Von Recklenhausen's Disease (Neurofibromatosis Type 1). Note that blood supply in dysplastic bone is limited/ constricted and may be a contraindication for periodontal surgery. Assess clinically. Included is a reference to a paper which relates NF1 with periapical cemental dysplasia
 - Periapical cemental dysplasia is common in women with NF1. Visnapuu V, Peltonen S, Ellilä T, Kerosuo E, Väänänen K, Happonen RP, Peltonen J. Department of Anatomy, University of Turku, Kiinamyllynkatu 10, FIN 20520 Turku, Finland. vivvis@utu.fi <http://www.ncbi.nlm.nih.gov/pubmed/17532280>

Radiologist

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Panoramic Reconstruction



Panoramic Reconstruction