

Bifocal Stafne bone defect of parotid: report of a case

Running title: Parotid bifocal Stafne

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Abstract

Background and Aim: Stafne bone defect is a rare asymptomatic finding in radiographs. Parotid Stafne cysts are very scarce and can be located on buccal or lingual aspect of mandibular ramus.

Case Report: Two well-defined radiolucent lesions were found incidentally on the panoramic radiograph of a 37 year old man. The lesions were located on the buccal side of left mandibular ramus above the lower jaw angle. CBCT showed buccal cortical plate perforation and involved more than half diameter of bone structure. No change in the size of lesion was noticed in the six-month and one-year follow-ups.

Conclusion: Infrequent Stafne bone defect appearances (especially parotid related Stafne cysts) should be considered to prevent misdiagnosis.

Keywords: Parotid gland, Bone cysts, Cone-Beam Computed Tomography