

Clinical and Radiological Features of Radicular Cysts: Case Series

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Abstract : Radicular cysts develop in the root apex of tooth that is devitalized. Cysts are pathologic lesions with an epithelial lining encapsulated by connective tissue. Radicular cysts originate from epithelial remnants of the periodontal ligament in the root apex as a result of inflammation. They are most commonly observed in the maxillary anterior region, among men and in the third decade of life. Radiographically, they are seen as ovoid radiolucent lesions surrounded by a thin radioopaque margin. In this case, series was carried out in 15 radicular cysts of the jaws diagnosed in individuals. The cysts were evaluated age, sex, and localization. 12 of the cysts were localized in the maxillae, 3 of them were localised in the mandible. The female/male ratio of the lesions was 1/2. In conclusion, we evaluated age, localization and sex distribution of radicular cysts in this study. The knowledge of the features of the jaw cysts is a basic aspect to achieve diagnosis, complications and proper treatment.

Keywords : radicular cyst, jaws, CBCT, treatment

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