

The Odontogenic Keratocyst: clinical, radiological, and histopathological study

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Abstract:

The odontogenic keratocyst of the jaw refers to an uncommon benign lesion that originates from dental primordial. A retrospective study was conducted about the odontogenic keratocyst clinically, radiographically, and histopathologically in a fifty-two Iraqi patients from the archives of Oral pathology department, College of Dentistry, University of Baghdad, over a period from 1990-2000. The result showed that the mean age was (29.2) years, males were affected more than the females with a ratio (1.6:1). The mandibular molar region was the most specific site involved, followed by mandibular premolar area. The most common clinical symptom was the alveolar bone expansion. Radiographic feature revealed a dominancy of multilocular appearance in (63.6%), associated with unerupted tooth in (31.8%). Histologically, the cyst shows ameloblastic variation in only three cases.