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CALCIFYING ODONTOGENIC CYST:AN ANALYSIS OF THIRTY-SIX CASES

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Abstract:

The term calcifying odontogenic cyst (COC) was first introduced by Gorlin in 1962. COC occurs mainly as an intra-osseous lesion in mandible or maxilla but the peripheral variation of COC has also been reported. The confusion about COC nature as cyst or tumor has not been resolved and a vast diversity has been shown in clinicopathologic aspects of COC. The purpose of this study was the review and analysis of COC variables such as age, gender and location and reclassification of histopathologic features of cases. The study was a retrospective review, cross sectional and case series one. The records of 36 patients were obtained and the clinical characteristics such as age, gender and location of COC were registered. The histopathologic features of cases were reviewed and reclassified. The data showed that 38.3% of cases occurred in the fifth decade and beyond; 67.6% were in males and 32.4% in females. Considering location, 51.5% of COCs were found in mandible and 48.5% in maxilla; 65.6% were located in posterior part of jaws. Of the 36 cases diagnosed as COC, 32 (88.8%) had cystic features and 4 (11.11%) were tumoral. For better determination of histopathologic and biologic features of COC, more investigations are needed.

Keywords:

[Calcifying odontogenic cyst](#) . [developmental odontogenic cysts](#) . [odontogenic tumors](#)

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