

NON-SYNDROMIC MULTIPLE ODONTOGENIC KERATOCYST IN A19 YEAR OLD PATIENT

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ABSTRACT

Odontogenic keratocyst (OKC) is the second most commonly occurring developmental cyst in the jaw region next to the dentigerous cyst, accounting for about 11% of the total odontogenic cysts. Approximately 8% of multiple OKC's are associated with syndromes like Basal Cell Nevroid Syndrome (BCNS), Noonan syndrome or other syndromes. Around 5% of OKC's are non-syndromic without any symptoms. OKC's usually arise from remnants of dental lamina and epithelium of other developmental cysts. Genetic mutations involving PATCH gene are also considered in the pathogenesis of OKC. Such genetic alterations often lead to BCNS The cause of multiple OKC's without associated systemic manifestations is ill-defined. In this article, we present a case report of non-syndromic multiple OKC in a 19-year-old male patient.

KEYWORDS: *Basal Cell Nevroid Syndrome (BCNS), Non-Syndromic Multiple Odontogenic Keratocyst*