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Cleidocranial Dysplasia Revisited: A Closer View from a Periodontal Perspective

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ABSTRACT Cleidocranial dysplasia, a rare developmental condition in which the leading features are: aplasia or hypoplasia of the clavicles, exaggerated development of the transverse diame-ter of the cranium, delayed closure of the fon-tanels, and disorders of the jaws and dentition. It is associated with mutation of Runt related gene 2 (RUNX2), also referred to as Core binding factor 1 (CBFA1) on chromosome 6p21, a transcriptional factor essential for osteoblast differentiation and bone formation. Not many periodontists routinely have the opportunity to treat patients with this rare genetic disorder and as a result often remain unsure of the periodontal treatment needs in such patients. The present case report is being presented to address this very gap between knowledge and the practical clinical applications.