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**Case report:**

**Developmental anomaly: Fusion: A case report and review of literature**

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**Abstract:**

Fusion is a rare dental developmental anomaly. Fusion can be defined as the union of two normal teeth, with separated tooth buds, fused leading to the formation of a joined tooth with confluence of dentin. Fusion is more common in deciduous dentition than the permanent dentition, with higher prevalence in maxillary anterior region. This paper discusses the anomaly of fusion, reviews the literature regarding this problem, and presents the factors that may contribute to its etiology along with a case report of a rare case with fusion (fusion totalis) of maxillary central incisor and mesiodens.

**Keywords:** Developmental anomaly, Fusion, Mesiodens