

## **Multidisciplinary dental treatment of fused three dental elements: Case report of a young child**

### **Abstract**

Tooth fusion is described as a developmental anomaly by the union of two adjacent teeth, supernumerary teeth or not. There are few cases in the literature reporting the fusion of primary dentition between teeth of a normal series and a supernumerary tooth, both originated through the proliferation of epithelial cells of the dental lamina. The aim of this study was to report the case of a child aged two years with the superior right central and lateral deciduous incisors fused to a supernumerary tooth. The patient was with pain, deep carious lesion and acute periapical abscess. Because of severe dental and esthetic involvement, the treatment included extraction of the teeth and a functional space maintainer, since the patient was very sad of its appearance. It was concluded that in spite of low prevalence, fusion in the deciduous dentition between serial and supernumerary teeth may occur. The professional should be able to diagnose and determine the treatment plan that best fits the clinical condition of the patient and the tooth, even in patients of young age. It should always be multidisciplinary, just from a simple follow-up, to the exodontias and even the placement of functional and aesthetic space maintainers. Always with the purpose of promotion quality of life and better prognosis to the patient as in this case reported.

**Descriptors:** Supernumerary Tooth. Deciduous Tooth. Fused Teeth. Tooth Abnormalities. Orthodontic Space Maintenance.

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