

PRIMARY MOLAR WITH FOUR ROOTS

A Case Report By

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INTRODUCTION

The maxillary second primary molar is morphologically almost a model for the maxillary first permanent molar. If one has the second primary molar one can easily predict in detail what the first permanent from the same quadrant would look like. Even unusual variations in minor features are faithfully reproduced in the permanent first molar¹. This morphological concordance has been termed isomorphy. Because of this isomorphism it is a rarity to encounter any isolated variation of maxillary primary molar. This case report presents a case with a primary second molar having four distinct roots.

CASE REPORT

A nine year old girl reported to the Department of Pedodontics and Preventive Dentistry, Bapuji Dental College & Hospital, Davangere, with a complaint of pain during night and swelling in the left upper part of the face. The history of pain and clinical examination of the oral cavity revealed left upper second primary molar having irreversible pulpitis due to caries with second degree mobility. The

I.O.P.A. X-ray revealed destruction of the interradicular bone. Hence extraction of the offending tooth following a course of antibiotics and analgesics was decided upon. The oral hygiene status of the patient was fair. Her medical history was non-contributory. During the second visit the tooth was extracted and was found to have 4 distinct roots, two each on buccal, and palatal aspects (fig. no.1.). The X-ray of the extracted tooth was taken and four distinct root canals were seen (fig.no.2.). The orthopantomograph of the child revealed the absence of such root anomalies in other teeth.



Reference:

1. Jorden Abrams: Kraus Dental Anatomy and Occlusion Second Edition (Mosby year book) page 124.

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