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Manuscript Type: CASE REPORT

Microscopic removal of type III dens invaginatus and preparation of apical barrier with mineral trioxide aggregate in a maxillary lateral incisor: A case report and review of literature

Liu J *et al.* Microscopic removal of type III DI and preparation of apical barrier with MTA

Jie Liu, Yue-Rong Zhang, Fu-Yu Zhang, Guang-Dong Zhang, Hai Xu

Abstract

BACKGROUND

Invaginated teeth pose greater challenges in clinical management because of their complex configuration. With advancements in equipment and materials, such as the dental operation microscope, cone-beam computed tomography and mineral trioxide aggregate, the preservation rate of type III dens invaginatus could be greatly increased.

CASE SUMMARY

Match Overview

Match Number	Source	Words	Similarity
1	Crossref Ping Zhang, Xin Wei. "Combined Therapy for a Rare Case of Type III Dens Invaginatus in a Mandibular Central Incisor"	81 words	4%
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Author: Ausra Dembinskaite, Rita Veberien... **Publish Year:** 2018

Conservative pulp treatment for Oehlers type III dens ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6789382>

Sep 26, 2019 · **CASE SUMMARY.** A 9-year-old girl complained of severe pain of the right **maxillary incisor** (tooth 12) when chewing for two weeks. Following clinical and radiographic examinations, Oehlers **type III** DI of tooth 12, with an immature open **apical** foramen and a symptomatic periapical pathosis, was diagnosed.

Author: Hui-Na Lee, Yuk-Kwan Chen, Chen... **Publish Year:** 2019

Mineral Trioxide Aggregate Obturation: A Review and Case ...

<https://www.sciencedirect.com/science/article/pii/S0099239909001769>

(A) **Lateral incisor** associated with **dens invaginatus** (**dens in dente**) and **chronic apical periodontitis** and **sinus tract** in 11-year-old male patient. (B) Obturation of **apical compartment** and accessory canal with white MTA without **smear layer removal**.

Cited by: 222 **Author:** George Bogen, Sergio Kuttler

Publish Year: 2009

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Author: Ausra Dembinskaite, Rita Veberiene, ... **Publish Year:** 2018

Microscopic Removal of Dens Invaginatus

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