

Management of on impacted mandibular premolar- case report

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Impacted teeth can cause>

- **negative impact on the development of the dental arch**
 - **cause problems in the positioning of other teeth**
 - **maintaining proper oral hygiene**
 - **disrupting the patient's aesthetics**
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- ✓ **The cause of impaction can be caused by malposition of the tooth or insufficient space for its placement.**
 - ✓ **Impaction of the mandibular second premolar is a relatively rare occurrence.**
 - ✓ **Lower second premolars account for approximately 24% of impactions.**

Aim. In this case report the management and the outcome of the surgical treatment of mandibular second premolar is represented

Case report

A 16-year-old girl was referred by an orthodontist to an oral surgery clinic for consultation regarding possible extraction of a 45 tooth. The patient underwent a clinical examination. No abnormalities were observed on the extraoral examination. During the intraoral examination, a lack of premolars could be observed in regions 25, 35, 45.

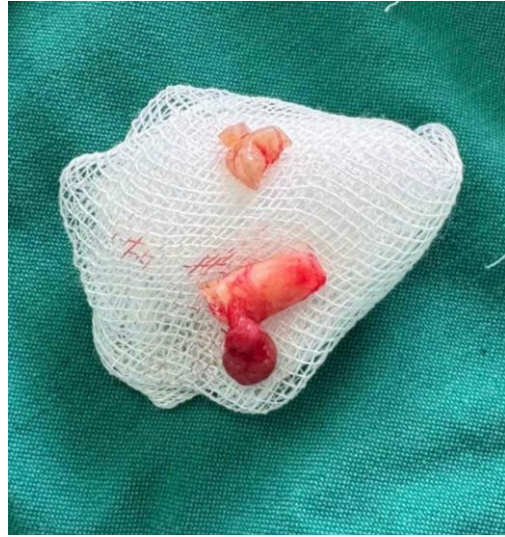


The treatment was planned to go in two directions.

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graph TD; A["The treatment was planned to go in two directions."] --> B["If the second premolar had resorbed the root of the first premolar, extraction of tooth 44 was planned, and with an orthodontic appliance to extract it into the dental arch through the second premolar."]; A --> C["if there was no resorption of the root of the first premolar, tooth 45 would be surgically extracted and in that case no orthodontic treatment would be needed because teeth 44 and 46 were in contact with their contact points."];
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if there was no resorption of the root of the first premolar, tooth 45 would be surgically extracted and in that case no orthodontic treatment would be needed because teeth 44 and 46 were in contact with their contact points.



Conclusion

Well-planned treatment and proper approach during oral surgery is crucial in the management of impacted premolars.



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