

عنوان مقاله:

Prevalence of Impacted and Semi-Impacted Teeth and Determination of Impaction Angle of Teeth in Patients of Tooba Clinic, Sari, Iran in ۲۰۱۳-۲۰۱۹

محل انتشار:

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خلاصه مقاله:

Introduction: Impaction is one of the most common tooth abnormalities which has multiple pathological consequences. The purpose of this study is to assess the prevalence of impacted and semi-impacted teeth and to determine the impaction angle of different teeth in patients referred to the maxillofacial radiology department of dental school, Mazandaran University of medical sciences in years ۲۰۱۳-۲۰۱۹. **Material and Methods:** The panoramic radiographs of patients who were referred to oral and maxillofacial radiology department of Mazandaran dental school were observed. Impaction or semi-impaction angle of third molars were determined by Winter's classification. Statistical analysis were conducted by using Chi-square test, Fisher's exact test, Mann Whitney U test and Spearman correlation test ($\alpha=0.05$). **Results:** ۳۲۰۰ panoramic radiographs were analyzed, and the prevalence of impaction, complete impaction and semi-impaction were calculated to be ۲۵/۸%, ۳/۷% and ۲۳/۶% respectively. The mesioangular impaction (۴۸/۳%) was the most prevalent kind of impaction. Statistically, age was correlated with the jaw involving tooth impaction ($P=0.01$), this correlation wasn't observed about sex ($P=0.161$). **Conclusion:** Impacted teeth were observed in approximately one third of the radiographs. Impaction was more common in the mandible and the most prevalent kind of impaction was determined to be the mesioangular impaction. As the impacted tooth can cause problems we conclude that they must be extracted at an early age.

کلمات کلیدی:

Impaction angle, Impacted tooth, Panoramic radiographs

لینک ثابت مقاله در پایگاه سیویلیکا:

