

عنوان مقاله:

Prevalence of Open Bite Malocclusion Among ۱۱ - ۱۲ Years Old School Children in Yazd, Iran

محل انتشار:

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خلاصه مقاله:

Background: Many studies have been conducted in Iran to know the prevalence of malocclusions and orthodontics needs but no study so far has been conducted in Yazd. Objectives: The aim of this study was to determine the prevalence of anterior open bite (AOBO) among ۱۱ - ۱۲ years old school-age children in Yazd, Iran. Patients and Methods: A total number ۵۵۰ (۲۷۸ boys and ۲۷۲ girls) school age children between ۱۱ - ۱۲ years old with permanent dentition were selected in this study from Yazd, Iran. The subjects were randomly selected, and none had received previous orthodontic treatment. Clinical examinations were carried out by one trained and calibrated examiner. The occlusal anterior-posterior sagittal relationship were assessed based on the angle classification and also the vertical anterior relationship. The statistical software SPSS version ۲۲ was used for the analysis different parameters as gender and age. Results: AOB was present in ۲.۹% of subjects. ۲.۱% of the male and ۳.۶% of the females students in the sample were affected with anterior open bite. The prevalence of class I, class II and class III malocclusion with AOB was ۱.۷%, ۳.۲%, ۲۱.۴%, respectively. Conclusions: This study shows that ۲.۹% of children examined had anterior .open bite malocclusion which required treatment

کلمات کلیدی:

Open Bite, Prevalence, Malocclusion

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