عنوان مقاله:

Dental Age Estimation of ۶-۱۴-Year-Old Guilanian Children Using Demirjian's Method

محل انتشار:

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

Background: Developing teeth may be evaluated based on the degree of tooth development or the stage of tooth eruption. Objectives: This study aimed to assess the accuracy of Demirjian's method for dental age estimation in a group of Guilanian children. Methods: Panoramic radiographs of ۳۹۰ Guilanian children aged ۶ - ۱۴ years were analyzed based on Demirjian's method. Dental age was compared with chronological age using a paired t-test. The difference between the estimated age and chronological age was examined by Mann Whitney test in males and females. Results: The mean difference between the dental age and chronological age was ۰.۸۴ in females and ۰.۸۲ in males (about ۸ months). The difference in this regard between males and females was not significant. The difference between the chronological and dental age was significant in all age groups except for ۱۳ - ۱۳.۹۹ years old. Conclusions: Demirjian's method may not be accurate enough for dental age estimation of Guilanian children and specific standards for dental age assessment should be developed for this population.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا: