

عنوان مقاله:

Evaluation of knowledge, approaches, and self-efficacy perceptions of Turkish dental students about preventive and interceptive orthodontic applications  
in ۲۰۱۸-۲۰۱۹

محل انتشار:

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خلاصه مقاله:

**BACKGROUND AND AIM:** Preventive orthodontics aids in the formation of normal occlusion. There have been numerous studies on this topic published in the literature. The purpose of this study was to assess final-year dental students' knowledge, attitudes, and self-efficacy perceptions of preventive and interceptive orthodontic applications (PIOA). **METHODS:** Data were collected from ۴۱۰ dental students from eight different faculties in this cross-sectional study using a pre-designed and validated self-administered, structured questionnaire. SPSS software was used to analyze the data, which included descriptive statistics, the independent samples t-test, analysis of variance (ANOVA), and the Kuder-Ritchardson Formula ۲۰ (KR-۲۰) reliability coefficient. The statistical significance level was set at  $P \leq 0.05$ . **RESULTS:** The vast majority of students (۷۱.۰%) did not believe that they were qualified to perform PIOA after graduation. With a rate of ۸۰.۵%, preventive treatment was chosen as the most important treatment type. The most correctly answered question, with a score of ۹۲.۴%, was about space maintainers. The total score was calculated to be  $۹.۱۳ \pm ۲.۷۳$ . There was a significant difference in total scores between men and women ( $P = 0.034$ ). There was a significant difference in total scores between those who thought and those who did not think that enough time had been allocated to theoretical education ( $P = 0.0001$ ). The total score differed significantly from the responses to the question "Do you believe you have sufficient theoretical and practical knowledge about PIOA?" ( $P = 0.0001$ ). **CONCLUSION:** The women' knowledge level was higher than that of the men, and the students valued preventive measures. Experts should consider these findings when developing the core curriculum.

کلمات کلیدی:

preventive orthodontics, interceptive orthodontics, Curriculum, Dental student, Knowledge

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