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BOOK OF ABSTRACTS

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POSTER PRESENTATION

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ACTION OF CHLORHEXIDINE MOUTHWASH ON GINGIVAL HEALTH IN ORTHODONTIC PATIENTS WITH FIXED APPLIANCES

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Aim: The main objective of this study is to determine the impact of chlorhexidine on the condition of gingival tissue in patients with fixed orthodontic therapy.

Materials and Methods: The study was conducted on 40 healthy subjects, 13 to 18 years. They were divided into two groups, 20 subjects who brushed their teeth and rinsed their mouth with 0.09% chlorhexidine, twice a day and 20 subjects who only brushed their teeth. Index values were determined at baseline, 10 days and 20 days after the start of the study.

Conclusions: The results showed that chlorhexidine had a significant effect on periodontal condition.The index values of plaque, gingivorrhagia and inflammation 10 days and 20 days after the use of chlorhexidine are significantly reduced in the study group compared to the control groupThe decrease in indices was more pronounced 20 days after the start of the examination compared to their values in the period before the start and 10 days after the start of the examination.There are significant differences in the study group between all three periods, while in the control group these differences are insignificant.