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

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Chlorhexidine solution shown to be a successful therapy in the control of dental plaque in patients with fixed orthodontic appliances.

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.

Material 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.

and three months.





Results. The index values of plaque, gingivorrhea and inflammation 10 days and 20 days after the use of chlorhexidine were significantly reduced in the study group compared to the control group. The reduction of the 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.

Conclusion. The obtained results indicate the importance of the method of ligation of brackets as one of the necessary conditions for the prevention of diseases periodontal health in patients with fixed orthodontic therapy.

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