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ORTHODONTIC TREATMENT AND GINGIVAL RECESSIONS-PRELIMINARY STUDY

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Introduction. Clinical observations indicate a correlation between orthodontic treatment and the occurrence of gingival recession

AIM. The aim of the study was to determine the factors contributing to the appearance of a recession during orthodontic treatment and the frequency of its occurrence.

Methods: (The study was conducted In the Orthodontic Department (Medical University of Warsaw) in 2016 and 2017 that included patients treated with he fixed thin-wire appliances. (The anamnesis and physical examination was performed subjectively and objectively under the supervision of an orthodontist In medical history patients answered questions about the prevalence of periodontal disease in the family, malocclusion, hygienic habits and parafunctions. The survey was conducted using basic intraoral dental instruments. Close attention was paid to the gingival biotype, the size of the recession, Miller's classification, BOP, hygiene (PI), dysfunction, diagnosis and orthodontic treatments. Achieved results were subjected to a statistical analysis.

Results. Gingival recession were diagnosed in 62 % of the respodents. They occur more often when the family states malocclusion, the patient has a thin biotype gums, using a hard brush 2x (twice) a day and does not floss. Research has shown that incisors, first premolars and canines. However, affected by localized gingival recession. However, The recessions have been observed MOSTLY in the area of the incisors. Statistical analysis showed which tested parameters have a significant effect on the occurrence of recession

Conclusion:

1. Patients with a malocclusion that occurs in family should be under orthodontic - peridental prophylaxis.

2. It is necessary to plan an appropriate orthodontic treatment and constant care of periodontist for patients with a thing biotype.

3. The patient should have a detailed briefing and conducted oral hygiene and be motivated before beginning orthodontic treatment.