

INDIVIDUAL APPROACH TO ORAL HYGIENE IN ORTHODONTIC TREATMENT

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Topicality

According to the literature, among dental diseases, anomalies associated with the development of the dentition occupy the third place after dental caries and periodontal diseases. About 37% of such patients need orthodontic treatment. The presence of orthodontic devices worsens the hygienic condition of the oral cavity and the dentition itself. The severity of damage to the tissues of the tooth and periodontium against the background of anomalies of the dentition depends on the quality, regularity and correctness of the dentition. carrying out individual hygienic procedures carried out by the patient.

The purpose of our study was to develop individual hygienic measures of the oral cavity in the treatment of various orthodontic devices and to study their effectiveness.

Materials and Methods

In the course of our work, patients with removable orthodontic devices (orthodontic plate) aged 8 to 14 years and patients with fixed orthodontic devices (braces) aged 20-35 years were examined. Dentistry. Patients were examined before selecting and making recommendations for individual oral care. And after 14 days and 1 month, after the proposed detailed recommendations.

Results

Prior to the development and application of individual methods of prevention in patients with a removable orthodontic apparatus, it was revealed that the Fedorov-Volodkina hygiene index was 2.6 points, which corresponds to poor oral hygiene. The PHP index was 1.7, which indicates poor oral hygiene.

In patients of the second group (with a braces system), the PHP hygiene index was 1.8, which also indicates unsatisfactory oral hygiene, the Fedorov-Volodkina index of 2.2 is unsatisfactory.

Evaluation of the effectiveness of the developed measures was carried out after 14 days and 1 month. There was an improvement in the quality of hygiene according to the data of visual and instrumental examination, as well as the results of hygienic indices, which showed a good and excellent level of hygiene, which indicates a positive assessment of individual oral care measures during orthodontic treatment.

Inference

Based on the results of the study, it can be concluded that the success and effect of hygienic procedures can be achieved only as a result of the absolute individualization of the approach to each patient.