

DENTAL MEDICINE SECTION

1. JOINING FUNCTIONALITY AND ESTHETHICS IN THE TREATMENT OF REDUCED UNIDENTAL EDENTATION BY MEANS OF ADHESIVE BRIDGES

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Introduction: Partial unidental edentations of dental arcades in the front side, including the absence of the premolars lead to disorder from aesthetic perspective and of the occlusal function. In line with the biological principle, the modern concept of stomatological treatment provides for mini-invasive interventions on the dental tissues. On the background of this concept, fixed prosthetic restoration supported on implantation blunts continue to be elected therapeutic solutions of treating unidental edentations. In clinical situations with relative or absolute contraindications to implantation therapy, the adhesive bridges, achieved by direct restoration technique, ensure a long-lasting in-between solution in the dentist treatment schemes. Using the wax-up technique under this treatment is efficient because of visualizing the form and design of the future construction, but also as a reference for the individual rehabilitation of the overjet and overbite, occlusal parameters that characterize the anterior guidance.

Materials and methods: There were examined and assessed 5 patients with partial unidental edentations in the front side of the dental arcades, including the lack of premolars. Along with the clinical examination, there were performed orthopantomographies; if needed-dental-periodontal x-rays; as well as instrumental functional diagnosis. Based on the diagnosis models, there were assessed the parameters of the potential prosthetic space. The data of the aesthetic evaluation were input in a special fiche developed by us.

Results: Data of the clinical-instrumental examination provided us information about the condition of the teeth, condition of the mucous membrane, form and profile of deprived teeth ridges. Assessment of parameters of potential prosthetic area in the selected clinical cases proved insufficient space to plan an implant-prosthetic treatment. Wax-up has been performed on diagnosis models mounted in the adjustable articulator, taking into account the condition of the overjet and overbite, which feature the anterior guidance. The data from the aesthetic evaluation fiche provided useful information in the treatment consisting of direct restoration with adhesive dental bridges.

Conclusions: The results of the aesthetic evaluation, as well as the data of the examination of unidental edentation patients governed the choice of a treatment with adhesive bridges, accomplished by means of direct method.

Keywords: Function, aesthetics, adhesive bridges, occlusion

2. THE TREATMENT OF CHRONIC GRANULATE PERIODONTITIS

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Introduction: Chronic periodontitis is an inflammation of the apical parodontium mainly infectious etiology, manifested by chronic inflammation of the apical periodontal space and alveolar bone demineralization, more or less extensive, diffuse. Streamlining and improving the methods of treatment of chronic granulate periodontitis is one of the most actual problems of dentistry.

Purpose and Objectives: To study the methods of treatment of chronic granulate periodontitis and to choose the best one, choosing tools and materials that will lead to the desired result.