

Optimization of the selection of provisional structures in the period of osseointegration in dental implants.

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In modern dentistry at the dental implant provisionally various designs used during osseointegration, performing important functions. They prevent the inclination of the teeth in the direction of the defect, the atrophy of the bone injury prosthetic bed. In order to optimize the selection of provisional constructions contact was made and investigated three different temporary prostheses are most often used when the two-stage procedure of dental implantology: immediate dentures, tooth Kappa, Kappa dentoalveolar. After conducting the survey and our observations, we found a temporary structure which most corresponds to the requirements.

Keywords: temporary prosthesis dent alveolar kappa.

Introduction

Today, dental implants is one of the leading in the provision of dental services. Nevertheless, there are still many unresolved issues that require study. [6]

There are several types of temporary prosthetic used in dental implantation. During the period of osseointegration it is very important to prevent: the slope of the teeth in the direction of the defect, bone atrophy, trauma prosthetic bed. [4]

The aim of our study is to compare the provisory structures under a two-stage procedure of dental implantation.

Materials and methods. Patient groups from 90 people, after the implantation operation to a two-stage procedure were made dentoalveolar kappa (30) Immediate prosthesis (30), kappa tooth (30). Then, on preventive examinations we conducted a survey of patients on various subjective criteria ("Do you like the look of the prosthesis?", "How often do you remember about the prosthesis?") And assessed the status and characteristics of the fabricated structures. Personal data were evaluated according to the point system: 1 point - the poor property, 2 points - satisfactory properties, 3 points - good property. [3,4,5,7]

Of the subjective data, we found that the main drawback Immediate prosthesis is often the initial discomfort of wearing, which may be accompanied by a gag reflex, and excessive salivation. The advantages of the prosthesis Immediate include: no need for dissection of adjacent teeth, prevents tooth displacement in the direction of the defect, atrophy of the jaw bones prevention. [4,5,9]

Tooth and dentoalveolar mouthguard we manufactured using vacuum - Former «Biostar» (Scheu-Dental). [6,8] Material (PET) for the manufacture completely bioinertia mouthguards. CVR manufacturing technology is much easier than plastic immediate dentures. For aesthetic parameters dentoalveolar kappa surpassed other designs. [1,2]

Patients who take tooth CVR indicated discomfort with the closing of the jaws, as happened overstatement bite. Hygienic care of the prosthesis caused difficulties. If a defect in the anterior

region, noted aesthetic imperfections with the advent of "muddy teeth" - between the vestibular surface of the teeth and kappa penetrated colorants from food (tea, coffee, etc.).

When comparing the three provisory constructions based on our established evaluation scale prosthetic ball and questionnaires, we determined that the dentoalveolar kappa superior in many ways Immediate denture and tooth mouthguard. [8,9,10]

Construction dentoalveolar mouthguard is different from tooth:

- increased length of the prosthesis to the first, second molars;
- Perforated occlusal surface;
- Released the vestibular surface of the front teeth of plastics;
- In the front third of the sky added alveolar part.

Results of the study. Based on data from the questionnaires and our observations, dentoalveolar kappa proved most preferable Immediate denture and tooth kappa. Creating dentoalveolar mouthguard, we have achieved the highest aesthetic performance, a simpler prosthesis hygiene procedures, lack of vertical adjustment of bite.

Conclusion: Thus, we have found that the most preferable to make dentoalveolar mouthguard for the period of osseointegration of dental implants.

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