

## PARTIAL REMOVABLE DENTAL PROSTHESES

Yusupov Nosirjon

Assistant of the Department of Pediatric  
Dentistry Andijan State Medical Institute

### ANNOTATION

Removable orthopedic structures are used in the absence of all or several teeth. Depending on the type and properties of the product, various methods can be used for fastening. All types of removable dentures can be divided into two main groups - full and partial. Each of them, in turn, is divided into several small species.

**Keywords:** dental prostheses, plastic, partial dentures, functions.

### INTRODUCTION

This is an orthopedic design that restores a part of the missing tooth parts. To install removable dentures, one must fulfill one condition. The patient should have at least two natural teeth. To them, prostheses are attached with the help of inserts or clamps. The constructions under consideration are used when there are not several (usually chewing) units.

Partially removable dentures are dental structures that allow quick and inexpensive restoration of these missing functions. Usually, they are made entirely of plastic. Only clamps (hooks) are made of metal. That's why the design is so light and affordable for all layers of the population.

### TYPES OF PARTIAL DENTURES

1. The simplest appearance and cheapness is a partial plastic prosthesis. It allows you to restore lost functions due to the lack of the main chewing teeth. Also, experts recommend patients with the absence of several parts on the back of the jaw.
2. Segments or removable sectors-one-sided prostheses. Use them when there are not several teeth on one side.
3. Immediately prosthetic-temporary construction. Specialists use them immediately after tooth extraction. Also, such designs are important for wearing during the production of permanent prostheses. This will help the army to save the location of units.
4. Flap prostheses are a type of partially removable structure. They are comfortable, durable, and durable. This design has many positive features. Unlike other removable orthopedic models, the load on the prostheses under consideration is distributed not only to the supporting parts but also to the back wall of the jaw. This is possible due to the arc frame. As a rule, it is made of metal. Such prostheses do not need to be removed at night. Thanks to this, the practical application of construction in everyday life was simplified. The latest developments include non-metal clamp prostheses. The sleeves on them are elastic. This design does not require twisting of the supporting parts.

Artificial teeth used in removable dentures, the requirements for them. Forming the basis of dental prostheses with plates. Anatomical, aesthetic indications and criteria for the selection of

artificial teeth depending on the age of the patient in the preparation of partial plate dental prostheses. Rules of artificial tooth extraction examination in the mouth to the structure of a wax-based prosthesis. Giving the final shape to the waxy base of the prosthesis. Types of Plaster of waxy prosthesis on kyuveta and the criterion for its evaluation. Works that are performed when replacing the waxy base with plastic (mixing, the mating of plastic, placing it in the Lynette, pressing). The rule of polymerization of plastic. The rules of polymerization of plastic are complications that arise when there is a mold. Cleaning, processing, grinding, finishing of the prosthesis. Adaptation of removable partial plate prosthesis to patient dental row and filing. To evaluate the quality of the finished prosthesis from a clinical nutshell perspective. Rules for the use of removable partial-plate prosthesis. The process of getting the patient into the prosthesis.

Even though modern technologies are much more sophisticated, the designs under consideration are in great demand. In dental clinics, partial dentures are installed in half of the patients. After all, this is a simple and relatively inexpensive way of prosthetics. As a rule, if there are not several chewing teeth, the doctor may recommend restoring the lost function with a removable structure. In addition, patients who have lost almost all their local units can be prescribed the manufacture absence of many teeth serves as an indication for the installation of the design of the plate. In such situations, excessive pressure on the supporting components raises doubts about the functional value. Implantation can cope with such problems of the patient. But this method of prosthesis has its contraindications. In addition, it refers to expensive procedures. Therefore, many people choose a method of prosthetics with removable and fixed structures. In recent times, innovation has affected their production. The use of new materials and technologies makes considered prostheses more comfortable in performance and aesthetics. Partial dentures have several pros and cons. It is very suitable for temporary prosthetics. However, if implantation is possible, you certainly do not need a removable prosthesis. In any case, it does not hurt to know which prostheses are better partially. Elastic (but not too soft) structures made of hypoallergenic materials are considered the highest quality. In the partial absence of teeth, removable laminar prostheses made of nylon and non-acrylic plastic are the most optimal solution. There are cases when a person loses several teeth for various reasons, but if the jaw still has full and healthy elements, then the partial removable prosthesis can become a Salvation. Their use allows not only to restore the lost functions of the teeth but also to meet the requirements of aesthetics.

Such prostheses are among the most common designs, at least they can be seen by a wide range of people. At the same time, it should not be taken into account that the laminar prosthesis is not very comfortable and often causes discomfort in patients. The basis of this prosthesis is hard and soft plastic:

- Solid Bottom - such products are inexpensive, but not very convenient;
- Soft Sole - they are more expensive, but this is compensated by a high degree of comfort and convenience.

If we summarize all the advantages of such designs, we can distinguish the following.

- Cheap price;
- Uniform distribution of the chewing load;

- Ease of care;
- High speed of production and installation.

In this case, it is necessary to name the shortcomings, in particular:

- May cause pain and discomfort during surgery;
- Violation of taste perception;
- Problems with dictation.

Stages of production: having decided on the installation of partial removable dentures, you need to be prepared for several visits to a specialist. If we talk about the stages of production structures, then we can distinguish between the Clinical Dentistry performed by a doctor and the laboratory conducted by a dentist. The process of manufacturing partial laminar prosthesis includes:

- \* Patient examination and diagnosis.
  - Determine which design is applied, production of castes.
  - Make the wax lose.
  - Pre-installation of the prosthesis.
- \* Production of finished products.
- \* Fitting.
- \* Correction depending on the patient's intuition.
  - Adapting to the installed product. It is necessary to use an individual articulator in the treatment of patients with partial loss of teeth at the stage of treatment with prosthetics, modeling of occlusion relief of orthopedic structures, placement of artificial teeth in clamped dentures. It is necessary to conduct dispensary monitoring of patients with the use of combined portable prostheses to clarify the timing of the removal of Saddle parts of the hip prosthesis, to monitor the quality of the prosthesis in the prosthesis buttock; with a frequency of 6 months.

### USED LITERATURE

1. Vyazmin, A. Eat it. Adaptive-compensatory changes in the temporomandibular joint with partial and complete loss of teeth / A.Eat it. Vitamin, S.No, it's not. Kondrashin, V.G. Izatulin // Saturday. "Actual problems of morphology, - Krasnoyarsk, 2005. - P. 126-127.
2. Kibkalo, E.P. Construction of the prosthetic plane in case of tooth defects / A.P. Kibgala, I. No, it's not. Puhelin // modern orthopedic dentistry. - 2010. The No 13. - What? 20-22.
3. Kasorukov, N.V. Evaluation of the quality, design characteristics, hygienic condition and methods of optimizing removable prostheses: author. the dis. ... I'm sorry. honey. Subjects / N. V. Kasarukov; Omsk; 2007 .-- The 31s.