



Comparative characteristics of methods for constructing complete removable denture

Xabilov B.N.,	Tashkent State dental Institute.
Ruziyeva S.S.,	Tashkent State dental Institute.
Urmanova I.S.,	Tashkent State dental Institute.
Tursunova M	Tashkent State dental Institute.
Abdurafikova M	Tashkent State dental Institute.

ABSTRACT	<p>Hypertension remains one of the urgent problems of medicine. Leading to the development of complications, arterial hypertension is accompanied by the development of structural and functional changes in the heart.</p> <p>The study of insufficient reduction in blood pressure is important. At the same time, at present, using the method of daily monitoring of blood pressure, it has been established that with an insufficient nightly decrease in blood pressure, arterial hypertension is characterized by certain and very significant features of the course, prognosis and pathogenesis. At present, it seems quite reasonable to assume that in patients with uncomplicated hypertension and insufficient nocturnal BP reduction, the use of drugs with sympatholytic activity, that is, beta-blockers, may be especially effective.</p>
Keywords:	daily arterial pressure profile, patient, Bisoprolol, monotherapy

Introduction

Most doctors and dental technicians do not know how to use modern articulation systems Plastering models in an occlude Putting teeth on glass and other outdated principles for designing dentitions in complete removable prostheses lead to countless corrections of occlusal surfaces and their bases, their rebasing, alterations and failures of patients with complete absence of teeth doctors should not concentrate on any particular stage of treatment, and any detail of prosthetics is important to achieve success; the presence of a large number of publications devoted to the improvement of clinical and laboratory stages of manufacturing complete removable dentures, a variety of proposals and methods indicate the difficulty and unresolved problem. The base margin of the prosthesis is broad-sided or bio functional, because of the ability to construct dentures which are really similar to the natural elements they substitute, fulfilling this way

aesthetics , functional and phonetic demands of the patient The bio functional prosthetic system is compound of a wide range of appliances, artificial teeth and materials combined in each working session starting from impression taking up to the final design of the denture. In this system, the whole work up process is built on the individual data recorded on the patient itself. In bio functional prosthesis, it is paid importance to the different anatomical structures of the jaw and achieving a bilateral balanced occlusion. This provides a uniform distribution of the occlusal forces and minimizes the resorption of residual ridge]. An increase in average age of the population has caused a rise in the contingent of patients wearing full removable dentures.

Thus, the study of issues related to the design of field removable dentures in accordance with the current level of development of gnathology, which allows us to

take into account the natural movements of the lower jaw, seems relevant to us.

Causes of complete adenitis can be:

1. Disturbances arising during the formation of the dent alveolar system: Primary complete adenitis, caused by the absence of rudimentary teeth.
2. Disturbances associated with loss of teeth in the already formed dent alveolar system and arising from:
 - a) complicated caries;
 - b) periodontitis of different etiology;
 - c) periodontal disease;
 - d) surgical interventions for osteomyelitis, neoplasms;
 - e) injuries of various etiologies;

Materials and research methods.

1. Materials of the clinical study.
 2. Methods of examination of patients with complete absence of teeth.
 3. Method for determining chewing efficiency.
 4. Speech test.
 5. A method for constructing artificial dentitions with an individual record of the central ratio of the jaws and the use of a calotte.
 6. A method for constructing prostheses using a calotte in combination with volumetric modeling.
 7. Patients with complete absence of teeth.
 8. Removable acrylic mass dentures.
 9. Method of questioning patients.
- The study included 10 patients diagnosed with complete loss of teeth between the ages of 48 and 74.

Clinical examination was carried out in accordance with the generally accepted scheme: interview, examination, filling out a medical record. The diagnosis of complete absence of teeth was made on the basis of clinical examination and X-ray examination.

Complete removable plate prostheses must meet the following requirements:

1. Maximize chewing efficiency for this type of dentures.
2. The base of the prosthesis should be adjacent to the mucous membrane of the prosthetic bed all the way, do not balance.
3. To provide a satisfactory level of fixation and stabilization of the prosthesis in the oral cavity.
4. Restore impaired aesthetic norms, the color of artificial teeth in a removable prosthesis should match the color of natural teeth or meet the needs of the patient.
5. Do not interfere with chewing and speech functions after the adaptation period.
6. The maximal fissure-tubercular contact between the teeth of antagonists and teeth in the complete removable lamina prosthesis should be preserved.
7. Do not block the articulation of the lower jaw.
8. The prosthesis should not have sharp edges, defects that will cause injury to the oral mucosa

Results

We will explain in more detail how to conduct a questionnaire to patients using the methods shown in this article.

At first, we conducted the following questionnaire in 32 patients who presented with complete absence of teeth.

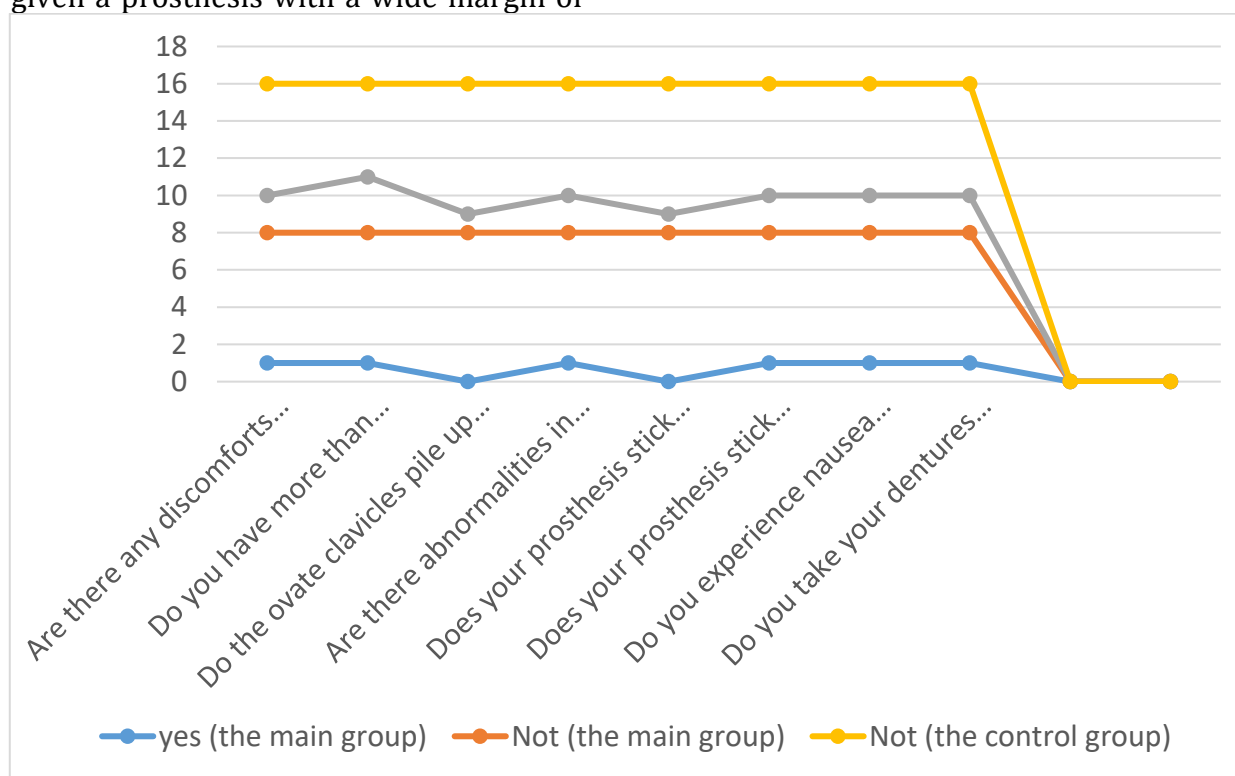
	yes	not	I don't know the answer
Are there any discomforts associated with removable dentures?	28	4	
Do you have more than seven days of flexibility with the prosthesis(if you have worn a prosthesis before)?	10	15	7
Do the ovate clavicles pile up under the prosthesis?	5	27	
Are there abnormalities in speaking?	12	20	
Does your prosthesis stick out when you speak?(on the upper jaw)	10	22	

Does your prosthesis stick out when you speak?(on the lower jaw)	15	17	
Do you experience nausea during the day when you wear dentures?	10	22	
Do you take your dentures off during the day?	26	6	

It was evident that most patients feel uncomfortable with fully removable prostheses. Then 8 of the surveyed patients were randomly assigned to the main group and 8 to the control group, and these patients were fitted with a fully removable prosthesis.

In this case, 8 patients in the main group were given a prosthesis with a wide margin of

the base of the prosthesis, and 8 patients in the control group were given a traditional, that is, a prosthesis without a wide margin of the base of the prosthesis. Then the main and control group patients were re-surveyed. The following results were obtained.



Conclusion

In main group patients prostheses reduced in a great rate the cases of pressure sores, stomatitis oral candidiasis. In main group patients prostheses is a system of professional expertise and quality products that are the standard for aesthetics, comfort, fit and function. Only a complete system of coordinated materials covering every area from impression taking to fitting the denture assures the desired success and thus the satisfaction of all patients. However, there are some contraindications to prosthetic burning. They:

- unsanitary oral cavity (the destroyed teeth and their roots are not removed);
- hypersensitivity or allergic reactions to the components of removable dentures;
- severe decrease in general health condition (myocardial infarction, ischemic heart disease, acute form of hypertension);
- Convulsive syndrome (epilepsy) and various psychological diseases;

In main group patients prostheses precision dentures will instill confidence and provide optimum function while eating, speaking or laughing. With sophisticated instrumentation,

all your facial information is recorded to recreate the character of your smile and restore the natural contour of your lips and facial muscles.

Compared to traditional prostheses, prostheses prepared in an unconventional way have improved fixation and stabilization, as well as the process of adapting patients to the prosthesis.

Combined use of bio functional methods - results of chewing and speech tests in the prosthetics of patients improves the quality of orthopedic treatment.

The positive quality of fixation of removable prostheses on the day of prosthetic burn was confirmed in 95.1% of patients, 6 months after prosthesis use in 95.8% of patients, and 99.3% of patients one year after prosthesis burn.

References

1. Available from: BPS Dentures smilebydesign_in Best Dentist In Delhi [Last cited in 2010]
2. Dadabayeva M. U. et al. Changes in the oral cavity in patients with chronic kidney disease //Current approaches and research of the XXI century-2020. Editura "Liceul. - 2020. - C. 68-71.
3. Dadabayeva M. U. et al. Changes in the oral cavity in patients with chronic kidney disease //Current approaches and research of the XXI century-2020. Editura "Liceul. - 2020. - C. 68-71.
4. Gaffarov S., Sharipov S. ANALYSIS OF MACRO AND MICROELEMENTS IN TEETH, SALIVA, AND BLOOD OF WORKERS IN FERGANA CHEMICAL PLANT OF FURAN COMPOUNDS //European Medical, Health and Pharmaceutical Journal. - 2014. - T. 7. - №. 2.
5. Eitner S., Wichmann M., Pilot study on the psychologic evaluation of prosthesis incompatibility using the SCL-90-R scale and the CES-D scale. Int J Prosthodont. 9-10/2006.
6. Inayatov A. Sh. I Dr. Osobennosti klinicheskikh proyavleniy COVID-19 v rotovoy polosti //Integrativnaya dentistry I chelyustno-lisevaya surgery. - 2022. - T. 1. - №. 2. - S. 37-39.
7. Lukmanovich K. N., Salomovich S. S. METHODS OF SAFETY OF DENTAL PROSTHETIC PRACTICE DURING THE COVID-19 PANDEMUM //Web of Scientist: International Scientific Research Journal. - 2022. - T. 3. - №. 11. - C. 819-828.
8. Patel BN. Acrylic removable prosthesis- an integral part of modern Day Dentistry. *Famdent*. 2005; 6:62-4. [Google Scholar]
9. Roraff AR, Stansbury BE. Errors caused by dimensional change in mounting materials. *J Prosthet Dent*. 1972; 28:247-52. [PubMed] [Google Scholar]
10. Piermatti J., Balanced occlusion versus canine guidance for complete dentures. *SADJ* 2/2004. [24].
11. Safarov M. T. et al. MODERN ASPECTS OF MATHEMATIC MODELING IN DENTAL IMPLANTATION //НАУКА И ОБРАЗОВАНИЕ: ПРОБЛЕМЫ И ПЕРСПЕКТИВЫ. - 2020. - C. 354-359.
12. Salomovich S. S. Citation for published articles / / Journal of new century innovations. - 2022. - T. 18. - №. 3. - S. 255-276.
13. S.A. Naumovich. Educational methodological manual. 2018
14. Tashpulatova K. et al. Technique for eliminating traumatic occlusion in patients using Implant-supported bridges //European Journal of Molecular & Clinical Medicine. - 2020. - T. 7. - №. 2. - C. 6189-6193.
15. Khabilov N. L. I Dr. Interaction of toothless lower jaw bone tissue structures with removable prostheses based on intra-bone Dental Implants //Journal of new century innovations. - 2022. - T. 15. - №. 2. - S. 98-101.
16. Khabilov N. L. I Dr. Literature on methods for assessing the hygienic condition of jaw prostheses and OBTURATORS TAXLILI //Journal of new century innovations. - 2022. - T. 15. - №. 2. - S. 89-91.

17. Khabilov N., Sharipav Etc. OSOBENNOSTI PRIEMA PASIENTOV VRACHAAMI-STOMATOLOGAMI V USLOVIYAX pandemic NOVOY CORONAVORUSNOY infection (COVID-19) //Zbirnik naukovix Pras SCIENTIA. – 2021.
18. KHABILOV N. L., SHARIPAV ETC. S., ABDURAKHIMOV Z. A. Literature analysis on the quality of life of patients with incomplete teeth using various methods of fastening fully removable plate prostheses //Journal of new century innovations. – 2022. - T. 16. – №. 4. - S. 68-74.
19. Khabilov N., Sharipov S. Changes in the mucous membrane of the oral cavity in toothless patients due to COVID-19 //SBORNIK TEZISOV Mejdunarodnoy nauchno-prakticheskoy konferentii "aktualnie probdemi orthopedicheskoy stomatologii I orthodontii. – 2022. - T. 10. - S. 139-140.
20. Khabilov N., Sharipov S. The main aspects of the treatment of patients with complete ADENTIA with removable plate prostheses //SBORNIK TEZISOV Mejdunarodnoy nauchno-prakticheskoy konferentii "aktualnie probdemi orthopedicheskoy stomatologii I orthodontii. – 2022. - T. 10. - S. 176-178.
21. Kivovics P., Jahn M., Borbely J., Frequency and location of traumatic ulcerations following placement of complete dentures. Int J Prosthodont. 7-8/2007.
22. KHABILOV N. L. I Dr. Publications SHARXI //Journal of new century innovations for the local treatment of pathology of the oral mucosa. – 2022. - T. 16. – №. 4. - S. 63-67.
23. Khabilov N. L. et al. Ilyas Sh., Usmonov FK EXPERIENCE OF EXPERIMENTAL APPLICATION OF RATIONAL DESIGN OF DOMESTIC DENTAL IMPLANT //Central Asian journal of medical and natural sciences Volume. – T. 2. – C. 5-12.
24. Khabilov N. L. Nurova Sh. N., Nurov NB THE PREVALENCE OF DENTAL JAW ANOMALIES IN CHILDREN OF SCHOOL AGE OF THE BUKHARA REGION //International Journal of Applied and Fundamental Research. – 2015. – №. 12-9. – C. 1633-1634.
25. Khabilov N. L. et al. The Role of Biomimetic Incubation of Sandblasted Titanium Implants in the Process of Osseointegration: An Experimental Study in Dogs //International Journal of Biomedicine. – 2015. – T. 5. – №. 1. – C. 38-40.
26. Normuradova R. Z., Dadabaeva M. U., Niazov M. K. Z. DYNAMICS OF CHANGE OF INDICATORS OF FIRMNESS OF CAPILLARIES OF THE MUCOUS MEMBRANE OF THE PROSTHETIC BED AT PATIENTS WITH DIABETES //INTERNATIONAL SCIENTIFIC REVIEW OF THE PROBLEMS AND PROSPECTS OF MODERN SCIENCE AND EDUCATION. – 2018. – C. 144-147.
27. Khajanka E., Protezat Biofunsionale. Dizertacion 2009. Cuman, Masnata, Nannini., La protesi totale secondo la metodica di Slavicek, 2005.
28. Khajanka E. Construct of the full removable prosthetic based on biofunctional system in edentulous patients. Journal of dental and medical sciences
29. Sharipov S. S. et al. "ASSESSMENT OF CHANGES IN THE MICROBIOLOGICAL PARAMETERS OF THE ORAL FLUID IN PATIENTS WHO UNDERWENT COVID-19 WITH COMPLETE EDENTULISM BEFORE AND AFTER PROSTHETICS." //NeuroQuantology. – 2022. – T. 20. – №. 15. – C. 6734-6739.
30. Sharipav S. S. I Dr. Psychological assessment of the attitude of older patients with oral diseases who have a craving for dental treatment //Journal of new century innovations. – 2022. - T. 16. – №. 2. - S. 66-69.
31. Sharipav S. Habilov Nigman. The importance of saliva separated from patients during the dental prosthetics process during the COVID-19 pandemic //Vestnik TMA. – 2021. - T. 2021. - S. 137-138.
32. Sharipav S. S. I Dr. The effect of non-removable bridging dentures made of

- various materials on the condition of the oral cavity //Journal of new century innovations. – 2022. - T. 17. – №. 4. - S. 14-20.
33. Sharipav S., Habilov N., Alimov O A. Z. A. TOOTHLESS PATIENTS DUE TO COVID-19 DISORDERS IN THE ORAL MUCOUS MEMBRANE SYSTEM //SBORNIK TEZISOV" AKTUALNIE PROBLEM STOMATOLOGII" REPUBLICAN NAUCHNO-PRAKTICHESKAYA CONFERENCE. – 2022. - T. 10. - S. 188-190.
34. Salomovich S. S., Miraziz son A. M., Yakubjonovich A. T. The essence of the treatment of patients with removable plate prostheses, in which the full tooth is you //Scientific Impulse. – 2022. - T. 1. – №. 4. - S. 881-884.
35. Sharipav S. I Dr. Keeping dentist doctors safe from COVID-19 virus //Scientific Impulse. – 2022. - T. 1. – №. 4. - S. 895-898.
36. Christensen GJ., Removable prosthodontics: a forgotten part of dentistry, Alpha Omegan, 3/2006.