

THE DEGREE OF PATIENT SATISFACTION AND THE FREQUENCY OF COMPLICATIONS AFTER THE INSTALLATION OF PARTIAL REMOVABLE PROSTHESES

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Relevance

Tooth loss can negatively affect the aesthetics of the face, affect the functions of speech and chewing. Removable prosthetics is a common type of treatment for partial adentia. Based on the physiological, anatomical and psychological needs of the patient, diagnosis and subsequent manufacture of a dental prosthesis can significantly improve the quality of life of patients and positively affect the life expectancy of the elderly population. Nevertheless, some patients are dissatisfied after the treatment and cannot use their removable prostheses. The most common problems include increased salivation in the first 72 hours, pain and discomfort, as well as lack of stability and retention.



The aim of the study was to assess the complications associated with wearing partial removable dentures and their impact on patient satisfaction.

Materials and methods

The clinical examination was performed by patients of the orthopedic department using partial removable dentures for 2 years (2021-2023). The demographic data of patients and data of partial removable dentures were evaluated: Kennedy classification, jaw location (upper/lower), clinician experience (dental students or orthopedic

doctors), type of denture (cobalt-chrome or completely acrylic). Patient satisfaction was assessed according to four criteria: chewing and speech functions, appearance, and comfort parameters on a visual analog scale. The data was analyzed using SPSS version 18 using the Kraskel-Wallis and Mann-Whitney tests.

Results

60 patients (30 men and 30 women, age range 38-68 years) were examined. The most common complications included: ingestion of food under the prosthesis (68.3%), resorption of the alveolar ridge (64.3%), loss of support (34.7%), caries of the supporting tooth (34.7%), loss of retention (37%), as well as pain and discomfort (32%). Patients reported moderate levels of satisfaction (6.2 out of 10). The degree of satisfaction with a partial removable prosthesis in patients 51 years and older was higher than in patients under 50 years of age. Also, in patients using a partial removable prosthesis on the upper jaw, the degree of satisfaction with treatment was higher than in patients with a partial removable prosthesis on the lower jaw. The gender of the patients, the Kennedy classification and the type of denture did not significantly affect the degree of patient satisfaction.



Conclusions

The results of the study revealed that complications associated with wearing partial removable dentures are not uncommon. The degree of satisfaction of patients with partial removable dentures after their installation, as well as the frequency of complications, may be influenced by the experience of clinicians involved in the selection and manufacture of prostheses.

Literatures:

1. Alimdjanovich, R. J., Khairullaevna, O. N., & Normuratovich, N. A. (2021, September). Correction of psychological stress in children with non-pharmacological methods of dental admission. In *Archive of Conferences* (pp. 108-114).
2. Ахмедов А. А., Фуркатов Ш. Ф., Анваровна Х. М. ПОЛНЫЙ ЦИФРОВОЙ РАБОЧИЙ ХОД ДЛЯ ИЗГОТОВЛЕНИЯ СКОРОТЕЧНОЙ РЕСТАВРАЦИИ С ОПОРОЙ НА ИМПЛАНТАТЫ: КЛИНИЧЕСКИЙ СЛУЧАЙ И НОВЫЙ МЕТОД //MODELS AND METHODS FOR INCREASING THE EFFICIENCY OF INNOVATIVE RESEARCH. – 2023. – Т. 2. – №. 20. – С. 106-115.
3. Абдуллаева П. Р., Ахмедов А. А. СПОСОБ ЛЕЧЕНИЯ ИШЕМИЧЕСКИХ СОСТОЯНИЙ ЗРИТЕЛЬНОГО НЕРВА И СЕТЧАТКИ (ЛИТЕРАТУРНЫЙ ОБЗОР): Medical science //Ethiopian International Journal of Multidisciplinary Research. – 2023. – Т. 10. – №. 09. – С. 18-23.
4. Абдуллаева Н. И., Ахмедов А. А. ОСТЕО-ИММУНОЛОГИЧЕСКИЙ СТАТУС ПАЦИЕНТОВ С ЗАБОЛЕВАНИЙ ПАРОДОНТА В ПОДРОСТКОВОМ И МОЛОДОМ ВОЗРАСТЕ //TA'LIM VA RIVOJLANISH TANLILI ONLAYN ILMIIY JURNALI. – 2023. – Т. 3. – №. 11. – С. 143-149.
5. Bustanovna I. N., Sharipovna N. N. Research cases in women after menopause clinical and morphological changes in oral organs and their analysis //Journal of biomedicine and practice. – 2023. – Т. 8. – №. 3.
6. Бурхонова З. К., Рахмонбердиева Р. COMPARATIVE EVALUATION OF PARTIAL DENTURES WITH DIFFERENT ATTACHMENT ELEMENTS //American Journal of Pedagogical and Educational Research. – 2023. – Т. 16. – С. 128-131.
7. Bustanovna I. N., Verdiqulovich N. A. ПРОФИЛАКТИКА И ЛЕЧЕНИЯ КАРИЕСА У ПОСТОЯННЫХ ЗУБОВ //JOURNAL OF BIOMEDICINE AND PRACTICE. – 2022. – Т. 7. – №. 1.

8. Bustanovna, I. N. (2022). Assessment of clinical and morphological changes in the oral organs and tissues in post-menopause women. *Thematics Journal of Education*, 7(3).
9. Bustanovna, I. N., & Sharipovna, N. N. (2023). Research cases in women after menopause clinical and morphological changes in oral organs and their analysis. *Journal of biomedicine and practice*, 8(3).
10. Bustanovna, I. N. (2024). Complications Arising in the Oral Cavity after Polychemotherapy in Patients with Hemablastoses. *International Journal of Scientific Trends*, 3(3), 62-66.
11. Bustanovna, I. N. (2024). The Effectiveness of the Use of the Drug " Proroot MTA" in the Therapeutic and Surgical Treatment of Periodontitis. *International Journal of Scientific Trends*, 3(3), 72-75.
12. Bustanovna, I. N., & Abdusattor o'g, A. A. A. (2024). Analysis of Errors and Complications in the Use of Endocal Structures Used in Dentistry. *International Journal of Scientific Trends*, 3(3), 82-86.
13. Bustanovna, I. N. (2024). Morphological Changes in Oral Organs and Tissues in Women after Menopause and their Analysis. *International Journal of Scientific Trends*, 3(3), 87-93.
14. Bustanovna, P. I. N. (2024). Further Research the Features of the Use of Metal-Ceramic Structures in Anomalies of Development and Position of Teeth. *International Journal of Scientific Trends*, 3(3), 67-71.
15. Bustanovna, P. I. N. (2024). Research of the Structure of Somatic Pathology in Patients with Aphthous Stomatitis. *International Journal of Scientific Trends*, 3(3), 51-55.
16. Husanovich, C. F. (2024). RESEARCH ON THE ATTITUDE OF PEOPLE TO THE PREVENTION OF DENTAL DISEASES. *European International Journal of Multidisciplinary Research and Management Studies*, 4(02), 265-268.
17. Исламова Н. Б., Назарова Н. Ш. СУРУНКАЛИ ТАРҚАЛГАН ПАРОДОНТИТ БИЛАН КАСАЛЛАНГАН ПОСТМЕНОПАУЗА ДАВРИДАГИ АЁЛЛАРНИНГ ПАРОДОНТ ТЎҚИМАСИНИНГ ДАВОЛАШ САМАРАДОРЛИГИ ОШИРИШ //ЖУРНАЛ СТОМАТОЛОГИИ И КРАНИОФАЦИАЛЬНЫХ ИССЛЕДОВАНИЙ. – 2023. – Т. 4. – №. 2.
18. Исламова Н. Б., Назарова Н. Ш. СОВЕРШЕНСТВОВАНИЕ ДИАГНОСТИКИ И ЛЕЧЕНИЯ ХРОНИЧЕСКОГО ГЕНЕРАЛИЗОВАННОГО ПАРОДОНТИТА У ЖЕНЩИН В ПЕРИОД ПОСТМЕНОПАУЗЫ //Conferences. – 2023. – С. 13-15.

19. Исламова Н. Б., Чакконов Ф. Х. Изменения в тканях и органах рта при эндокринных заболеваниях //Актуальные вопросы стоматологии. – 2021. – С. 320-326.
20. Исламова Н. Б., Исломов Л. Б. Особенности развития и течения заболеваний полости рта при эндокринной патологии //ББК. – 2021. – Т. 56. – С. 76.
21. Исламова Н. Б. и др. Состояние кристаллообразующей функции слюны при различных патологиях //Молодежь и медицинская наука в XXI веке. – 2014. – С. 470-471.
22. Исламова Н. Б. Сравнительная оценка противовоспалительных цитокинов крови в развитии заболеваний полости рта при гипотиреозе //Наука в современном мире: теория и практика. – 2016. – №. 1. – С. 41-44.
23. Иргашев Ш. Х., Исламова Н. Б. Применение и эффективность энтеросгеля при лечении генерализованного пародонтита //Актуальные вопросы стоматологии. – 2021. – С. 305-310.
24. Islamova N. B., Sh N. N. STUDY OF CHANGES IN PERIODONTAL DISEASES IN POSTMENOPAUSAL WOMEN //Conferences. – 2023. – С. 15-17.
25. Nazarova N. S., Islomova N. B. postmenopauza davridagi ayollarda stomatologik kasalliklarining klinik va mikrobiologik ko'rsatmalari va mexanizmlari //Журнал "Медицина и инновации". – 2022. – №. 2. – С. 204-211.
26. Ortikova, N., & Rizaev, J. (2021, May). The Prevalence And Reasons Of Stomatophobia In Children. In *E-Conference Globe* (pp. 339-341).
27. Ortikova, N. (2023). ANALYSIS OF ANESTHESIA METHODS FOR DENTAL FEAR AND ANXIETY. *Центральноазиатский журнал академических исследований*, 1(1), 8-12.
28. Ortikova, N. K. (2023). DENTAL ANXIETY AS A SPECIAL PLACE IN SCIENTIFIC KNOWLEDGE. *SCHOLAR*, 1(29), 104-112.
29. Ризаев Ж. А., Ахмедов А. А. ОСНОВЫ СТОМАТОЛОГИЧЕСКОЙ ПОМОЩИ В РЕСПУБЛИКЕ УЗБЕКИСТАН НА ОСНОВЕ РАЗВИТИЯ ОБЩЕЙ ВРАЧЕБНОЙ ПРАКТИКИ //ЖУРНАЛ СТОМАТОЛОГИИ И КРАНИОФАЦИАЛЬНЫХ ИССЛЕДОВАНИЙ. – 2023. – Т. 4. – №. 3.
30. Содикова Ш. А., Исламова Н. Б. Оптимизация лечебно-профилактических мероприятий при заболеваниях пародонта беременных женщин с железодефицитной анемией //Актуальные вопросы стоматологии. – 2021. – С. 434-440.
31. Sulaymonova Z. Z., Islamova N. B. TAKING IMPRESSIONS IN THE ORAL CAVITY AND THEIR REDUCTION //Conferences. – 2023. – С. 21-23.

32. Sarimsokovich, G. M. (2023). LATEST METHODS OF STUDY OF PERIODONTAL DISEASE IN WOMEN. *European International Journal of Multidisciplinary Research and Management Studies*, 3(10), 242-250.
33. Sarimsokovich, G. M. (2023). MODERN METHODS OF RESEARCH OF PERIODONTAL DISEASES IN WOMEN. *Open Access Repository*, 4(2), 632-639.
34. Sarimsokovich, G. M. (2023, May). CLINICAL EFFICIENCY OF THE GUIDED REGENERATION METHOD OF TISSUE IN THE TREATMENT OF CHRONIC PERIODONTITIS OF THE MIDDLE DEGREE. In *Conferences* (pp. 11-13).
35. Sarimsokovich, G. M. (2024). METHODS FOR STUDYING PERIODONTAL DISEASES IN WOMEN IN THE POSTMENOPAUSE PERIOD. *Лучшие интеллектуальные исследования*, 18(4), 36-42.
36. Sarimsokovich, G. M. (2024). IMPROVING THE EFFECTIVENESS OF PREVENTION AND TREATMENT OF INFECTIOUS PROCESSES OF THE ORAL CAVITY IN PEOPLE USING DENTAL PROSTHETICS. *Лучшие интеллектуальные исследования*, 18(4), 31-35.
37. Sarimsokovich, G. M. (2024). HYGIENIC ASSESSMENT OF THE CONDITION OF THE ORAL MUCOSA AFTER ORTHOPEDIC TREATMENT. *Journal of new century innovations*, 51(2), 51-57.
38. Qobilovna B. Z., Hekmat K. H. A. S. Clinic and treatment of acute and recurrent herpetic stomatitis in young patients //Spectrum Journal of Innovation, Reforms and Development. – 2022. – Т. 10. – С. 40-46.
39. Qobilovna B. Z., Nodirovich E. A. EVALUATION OF ORTHOPEDIC TREATMENT WITH REMOVABLE DENTAL PROSTHESES FOR PATIENTS WITH PAIR PATHOLOGY //Spectrum Journal of Innovation, Reforms and Development. – 2023. – Т. 11. – С. 95-101.
40. Zarafroz B., Hekmat K. H. A. S. Manifestation of herpetic infection in the oral cavity and their timely elimination //Spectrum Journal of Innovation, Reforms and Development. – 2022. – Т. 10. – С. 47-52.