
**EUROPEAN INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCH
AND MANAGEMENT STUDIES****VOLUME04 ISSUE02**DOI: <https://doi.org/10.55640/eijmrms-04-02-17>

Pages: 104-108



STAGES OF SURGICAL PREPARATION ORAL CAVITY OF COMPOUND JAW PATIENTS***Raxmonberdiyeva Rushana****Clinical resident of the 2nd year of the Department of Orthopedic Dentistry, Samarkand state medical university, Uzbekistan****Axmedov Alisher Astanovich****PhD, Scientific adviser, Head of the Department of Orthopedic Dentistry, Samarkand state medical university, Uzbekistan*

ABOUT ARTICLE**Key words:** Prosthetic manipulations, depulcation of intact teeth, excision of exostoses.**Received:** 04.02.2024**Accepted:** 09.02.2024**Published:** 14.02.2024**Abstract:** If a general practitioner has already cured and removed a diseased tooth that the dental surgeon considered unsuitable for prosthetics, prosthetics are usually followed by oral care.

INTRODUCTION

However, there are situations when an orthopedist has to send a tooth that has just been cured of uncomplicated caries for depulcation or solve the problem of optimal fixation of the prosthesis due to the absence of remaining teeth. In addition, clinical "obstacles" may arise that complicate the preparation of the tooth, the removal of casts and other prosthetic manipulations. In our opinion, it is advisable to develop an orthopedic treatment plan before the start of oral rehabilitation in order to link it with future orthopedic treatment. This is especially important, since orthopedic rehabilitation of patients with complex jaw pathology is often problematic due to the complexity of manipulations in the oral cavity [1, 2]. Special preparation before orthopedic treatment is carried out in accordance with the orthopedic treatment plan drawn up for the patient. Preparatory procedures include therapeutic (depulcation of intact teeth), surgical (for example, excision of exostoses, removal of severely elongated or tilted teeth, dental transplantation), orthodontic (correction of occlusal disorders with dental deformities) and orthopedic (shortening of teeth and increasing interalveolar height to improve the

occlusal surface by dissection). Special attention should be paid to special surgical preparation for prosthetics of toothless jaws. Surgical operations to correct the shape of the alveolar process (removal of the movable mucous membrane). (Operations to correct the shape of the alveolar process (removal of the movable mucosa of the alveolar process, removal of the ligament or scar of the oral mucosa, excision of exostoses, excision of part of the alveolar process), preparation of the hard palate (removal of the torus), removal of the ligament or scar of the mucous membrane of the prosthetic field, deepening of the vestibule and bottom of the oral cavity, alveoplasty, implants and etc.) [3]. We would like to share our experience on the example of clinical cases, believing that it will help practitioners in difficult situations.

Clinical case 1. Patient S. (47 years old) complained of pain under the support of a soldered bridge fixed on teeth 2.3 and 2.6. When removing the bridge, it turned out that the crown of tooth 2.3 was completely destroyed, and the remaining root was hidden under a thickened gum (Fig. 1a). The first thought was to remove the roots of the tooth. However, the complex history of a patient with congenital left-sided cleft palate (sutured mucous membrane of the palate in childhood) served as a weighty argument in favor of preserving the root: in the area of the tooth 2.3, the mucous membrane is deepened along the transitional fold (recession into a bone defect). If you remove the root of the 2.3 tooth, located on the border of the bony palatine fissure, then most likely a large through defect will occur. Taking into account all this, as well as X-ray data (the roots were well passable, of sufficient length and there were no signs of chronic inflammation in the periapical tissues), it was decided to keep the gum in a different orientation (Fig. 1b). After surgical preparation and treatment, tooth 2.3 was restored with a cast insert followed by prosthetics (Fig. 1c). **Clinical case 2.** Patient S (68 years old) I wanted to get a prosthesis after resection of the right half of the lower jaw. Intraoperatively, the bone defect was replaced with a titanium plate. After the surgical wound was healed, a rough scar (about 10 cm long) formed on the inner surface of the right cheek, which squeezed the cheek and prevented opening the mouth. This caused problems with the manufacture and use of the prosthesis. After the removal of the rough sutures, the clinical situation improved markedly, and the patient underwent prosthetics.

CONCLUSION

The presented clinical case does not describe all surgical procedures that can improve the condition before prosthetics, but illustrates the relevance of this problem. This publication is intended to convey to dentists of all specialties the need for an integrated approach in the management of such patients, the need to consult with a number of specialists who will be able to correctly assess the situation and

develop a treatment plan, as well as the need to warn patients against hasty tooth extraction in order to choose the most appropriate treatment option.

REFERENCE

1. 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.
2. 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.
3. Абдуллаева Н. И., Ахмедов А. А. ОСТЕО-ИММУНОЛОГИЧЕСКИЙ СТАТУС ПАЦИЕНТОВ С ЗАБОЛЕВАНИЙ ПАРОДОНТА В ПОДРОСТКОВОМ И МОЛОДОМ ВОЗРАСТЕ //ТА'ЛИМ VA RIVOJLANISH TANLILI ONLAYN ILMIY JURNALI. – 2023. – Т. 3. – №. 11. – С. 143-149.
4. Ахмедов А. А. Иммунологические аспекты патогенеза гингивита и пародонтита //IQRO. – 2023. – Т. 3. – №. 2. – С. 121-123.
5. Ризаев Ж. А., Ахмедов А. А. GROWTH AND DEVELOPMENT OF GENERAL MEDICAL PRACTICE IN THE REPUBLIC OF UZBEKISTAN TO IMPROVE DENTAL CARE //ЖУРНАЛ СТОМАТОЛОГИИ И КРАНИОФАЦИАЛЬНЫХ ИССЛЕДОВАНИЙ. – 2023. – Т. 4. – №. 3.
6. Ахмедов А. А., Нарзиева Н. DENTAL PROSTHETICS ON IMPLANTS AND THEIR FEATURES //American Journal of Pedagogical and Educational Research. – 2023. – Т. 16. – С. 132-135.
7. Astanovich A. D. A. et al. The State of Periodontal Tissues in Athletes Engaged in Cyclic Sports //Annals of the Romanian Society for Cell Biology. – 2021. – С. 235-241.
8. Alimjanovich R. J., Astanovich A. A. СОВЕРШЕНСТВОВАНИЕ СТОМАТОЛОГИЧЕСКОЙ ПОМОЩИ В УЗБЕКИСТАНЕ С ИСПОЛЬЗОВАНИЕМ КОНЦЕПТУАЛЬНОГО ПОДХОДА ДЛЯ УЛУЧШЕНИЕ ЕЕ КАЧЕСТВА //JOURNAL OF BIOMEDICINE AND PRACTICE. – 2023. – Т. 8. – №. 4.
9. Ортикова Н. Глобализация биоэтики в период пандемии COVID-19 //Общество и инновации. – 2020. – Т. 1. – №. 1/S. – С. 677-682.
10. Ортикова Н. Влияние психоэмоционального напряжения детей на состояние здоровья полости рта //Общество и инновации. – 2023. – Т. 4. – №. 7/S. – С. 328-333.
11. Ортикова Н. Х., Ризаев Ж. А., Мелибаев Б. А. ПСИХОЛОГИЧЕСКИЕ АСПЕКТЫ ПОСТРОЕНИЯ СТОМАТОЛОГИЧЕСКОГО ПРИЕМА ПАЦИЕНТОВ ДЕТСКОГО ВОЗРАСТА //EDITOR COORDINATOR. – 2021. – С. 554.

- 12.**Ортикова Н. Тенденция эффективности профилактических мероприятий путем коррекции психологического стресса у детей на стоматологическом приёме //Общество и инновации. – 2022. – Т. 3. – №. 6. – С. 181-189.
- 13.**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.
- 14.**Anvarovich E. S., Qobilovna B. Z. INFLUENCE OF DIFFERENT TYPES OF RETRACTION THREADS ON THE DEGREE OF GINGI RECESSION //Spectrum Journal of Innovation, Reforms and Development. – 2023. – Т. 11. – С. 84-86.
- 15.**Tohirovna M. L., Qobilovna B. Z. Optimization of Complex Methods Treatment of Inflammatory Periodontal Diseases //Eurasian Research Bulletin. – 2023. – Т. 17. – С. 138-143.
- 16.**Tavakalova Q. M., Qobilovna B. Z., Sarvinoz Y. Preventive Measures in the Treatment of Caries in School children //Eurasian Research Bulletin. – 2023. – Т. 17. – С. 60-65.
- 17.**Исламова Н., Чакконов Ф. Роль продуктов перекисного окисления липидов и противовоспалительных цитокинов крови в развитии заболеваний полости рта при гипотиреозе //Общество и инновации. – 2020. – Т. 1. – №. 1/s. – С. 577-582.
- 18.**Fakhriddin C., Shokhruh S., Nilufar I. ENDOKANAL PIN-KONSTRUKSIYALARNI ISHLATISHDA ASORATLAR VA XATOLAR TAHLILI //JOURNAL OF BIOMEDICINE AND PRACTICE. – 2022. – Т. 7. – №. 1.
- 19.**Shoxrux S., Shoxrux I., Faxriddin C. PREVENTION AND TREATMENT OF ORAL INFECTIONS IN DENTURE WEARERS //International Journal of Early Childhood Special Education. – 2022. – Т. 14. – №. 4.
- 20.**Xusanovich C. F. COMPLETE REMOVABLE PROSTHESIS SUPPORTED BY IMPLANTS //European International Journal of Multidisciplinary Research and Management Studies. – 2023. – Т. 3. – №. 11. – С. 127-133.
- 21.**Xusanovich C. F. et al. PROSTHETICS A COMPLETE REMOVABLE PROSTHESIS BASED ON IMPLANTS //European International Journal of Multidisciplinary Research and Management Studies. – 2023. – Т. 3. – №. 11. – С. 122-126.
- 22.**Najmiddinovich S. N. et al. CARIES IN SCHOOL CHILDREN AND TREATMENT PREVENTIVE MEASURES //American Journal of Pedagogical and Educational Research. – 2023. – Т. 16. – С. 44-49.
- 23.**Khusanovich K. B. R. C. F. TYPES AND APPLICATIONS OF DENTAL COMPLIMENTS //Journal of Modern Educational Achievements. – 2023. – Т. 5. – №. 5. – С. 95-99.

- 24.**Zarnigor J. MAIN ROLE OF HYGIENIC EDUCATION IN THE SYSTEM PRIMARY PREVENTION OF DENTAL DISEASES OF PATIENT //European International Journal of Multidisciplinary Research and Management Studies. – 2023. – T. 3. – №. 11. – C. 157-163.
- 25.**Qizi J. Z. B. METHODS OF OPTIMIZATION OF TREATMENT OF PERIODONTAL DISEASES USING NEW TECHNOLOGIES //European International Journal of Multidisciplinary Research and Management Studies. – 2023. – T. 3. – №. 10. – C. 234-241.
- 26.**Kobilovna B. Z., Rushana R. COMPARATIVE EVALUATION OF PARTIAL DENTURES WITH VARIOUS FASTENING ELEMENTS //Intent Research Scientific Journal. – 2023. – T. 2. – №. 9. – C. 98-103.
- 27.**Qobilovna B. Z., Maxzuna U. Improvement of Providing Therapeutic Dental Care to Pregnant Women. Therapeutic and Preventive Measures //Eurasian Research Bulletin. – 2023. – T. 16. – C. 146-150.
- 28.**Tavakalova Q. M., Qobilovna B. Z., Sarvinoz Y. Results of the Prevention Program Dental Diseases in School-Age Children //Eurasian Research Bulletin. – 2023. – T. 17. – C. 50-54
- 29.**Jurabek T. D., Qobilovna B. Z. Principles of Prevention of Dental Diseases in Children in Modern Conditions //Eurasian Research Bulletin. – 2023. – T. 17. – C. 55-59.
- 30.**Tavakalova Q. M., Qobilovna B. Z., Sarvinoz Y. Preventive Measures in the Treatment of Caries in School children //Eurasian Research Bulletin. – 2023. – T. 17. – C. 60-65