

THE USE OF CLASP DENTURES IN THE CLINIC OF ORTHOPEDIC DENTISTRY

Kuzieva Madina Abdusalimovna

Asian International University.

kuzievamadina84@gmail.com<https://doi.org/10.5281/zenodo.15226168>

Abstract. The problem of dentistry in the development and creation of new dental prosthetics systems that would contribute to improving the quality of life and reducing the rehabilitation period of dental patients, at the present time, remains very relevant. Clasp prosthetics is a fairly progressive type of this field, which has a number of advantages, but also a number of disadvantages, in which this type of orthopedic treatment is not suitable in all cases of patient prosthetics.

Keywords: clasp denture, clasp dentures, clasp fastening.

ПРИМЕНЕНИЕ БЮГЕЛЬНЫХ ПРОТЕЗОВ В КЛИНИКЕ ОРТОПЕДИЧЕСКОЙ СТОМАТОЛОГИИ

Аннотация. Проблема стоматологии в разработке и создании новых систем зубного протезирования, которые бы способствовали улучшению качества жизни и сокращению сроков реабилитации стоматологических больных, в настоящее время остается весьма актуальной. Бюгельное протезирование является достаточно прогрессивным видом данного направления, имеющим ряд преимуществ, но и ряд недостатков, при которых данный вид ортопедического лечения подходит не во всех случаях протезирования пациентов.

Ключевые слова: бюгельный протез, бюгельные протезы, кламмерное крепление.

Clasp prosthetics is one of the types of removable dental prosthetics, which is currently the most convenient and advanced among the proposed types of dental prosthetics. This type of prosthesis is an arched cast metal frame, which is covered with an acrylic plastic base and artificial teeth are installed on it. It is fixed in the oral cavity using hooks-clasps, which very tightly cover the supporting tooth. Since the prosthesis has an arched metal structure, this allows you to effectively distribute the load between the teeth and gums. When compared with other similar modifications from various plastic structures, this type of prosthesis allows you to refuse to thicken the plastic layer, reduces the weight and volume of the structure, and also maintains its strength and stability.

The clasp prosthesis has a number of indications for its use:

- 1) 1, 2, 3 class according to Kennedy,
- 2) if it is necessary to correct a dental anomaly, such as malocclusion,
- 3) when splinting,
- 4) in case of periodontitis of I and II degrees, the design of the clasp denture must be special – all natural teeth are included in the denture, they perform a retaining and supporting function,
- 5) in case of deep or decreasing bite, it is advisable to increase it with a continuous clasp located on the front upper teeth,
- 6) removal of a large number of teeth (immediate prosthesis),
- 7) absence of even one tooth (aesthetic prosthesis),
- 8) large-scale traumatic treatment of teeth carried out for the proposed bridge prostheses,
- 9) the serious condition of patients requiring prostheses,

- 10) refusal of patients to use fixed prosthetics,
- 11) replacement of an old, functionally incompetent prosthesis with a new one,
- 12) in case of galvanosis, allergic reactions of the body to metal prostheses.

This type of removable denture allows fixation both on natural living teeth and on already installed or destroyed teeth or crowns. If the design of the clasp denture is chosen correctly, its fastenings will perform a reinforcing function for the teeth on which it is supported, and it is possible to extend their service life. The installation of a clasp denture is determined not so much by the number of teeth on the jaw, but by their strength, as well as the condition of the gums and oral cavity in general. So in some cases, this prosthesis can be installed even with a minimum number of teeth.

Types of clasp dentures.

Clasp dentures have different fixation on the remaining teeth in the oral cavity. They can be on clasps, on locks and on telescopic crowns. Different systems of fixation of dentures have both advantages and disadvantages.

Clasp-type partial dentures.

This design is fixed with the help of hooks-clasps, which very tightly embrace the supporting tooth. Clasps are made of metal. With their help, the prosthesis is firmly held on the jaw and transfers the load to the teeth when chewing. Clasps are most often cast together with the frame, so this design is very strong and durable. Clasps are selected individually, based on the size and shape of the teeth.

Clasp clasp dentures are the best option for dental prosthetics, which have only one drawback - low aesthetics. When smiling, metal hooks may be visible in the mouth. However, this only applies to individual cases when installing a denture in another way is simply clinically impossible.

It is also worth noting the higher cost of this type of dentures compared to plastic analogues. But this difference is fully justified by the fact that clasp dentures have a more complex manufacturing technology.

Clasp dentures with a locking system.

This type of clasp dentures does not have metal hooks, so its appearance is more aesthetic.

Clasp dentures on locks have a strong lightweight bridge structure, which during chewing transfers part of the pressure to the supporting teeth. To protect and strengthen the supporting teeth, they are preliminarily covered with metal-ceramic crowns, where half of the lock is inserted, and the other half is located on the supporting teeth. Locks fixed in the teeth or in the crowns of the teeth provide high strength of the denture fastening. In addition, they allow you to securely fix the structure and easily remove it for periodic cleaning. But they also have a number of disadvantages.

One of them is the complexity of manufacture. Currently, this is the most high-tech design in dental prosthetics, the manufacture of which requires highly qualified dental technicians and orthopedists. In the manufacture of such a prosthesis, high accuracy of calculation of all elements of the structure is important. This leads to the second disadvantage - high cost. And the third disadvantage is the participation of a large number of teeth in the structure. This type of clasp prosthesis requires mandatory protection of the supporting teeth with metal-ceramic crowns, since the locking fasteners are located on them.

Clasp denture on telescopic crowns is already considered the most aesthetic design of this type. A retractable (telescopic) crown serves for fixation: its removable part is attached to the base of the structure, and the non-removable part is fixed to the supporting teeth. To install such a prosthesis, it is necessary to grind the teeth, cover them with metal, polish them, and only then install the clasp. This type of prosthesis is very difficult to manufacture, since for its stability, the non-removable and removable parts of the crown must absolutely match. Also, the very high cost is a disadvantage of this type of prosthetics.

Advantages and disadvantages of clasp prosthetics.

Advantages:

1. The clasp denture is supported not only by the alveolar ridge, but also by the teeth, thus correctly distributing the load between them;
2. The clasp denture does not have a massive plastic base covering the palate; it is replaced by a metal arch;
3. Compactness, lightness and aesthetics of the clasp denture;
4. Long service life of the prosthesis.

Flaws:

1. Like all removable dentures, which include the clasp denture, it cannot be worn constantly without being removed;
2. If the clasp denture is fixed with clasps, the brackets of the fastenings may in some cases be visible when smiling;
3. As with any other type of prosthesis, one needs to get used to wearing a clasp denture, so at first patients have to experience some discomfort.

Special attention should be paid to the price of clasp prosthetics. The cost of installing clasp prostheses is formed from a number of factors. Before making and installing a clasp prosthesis, the dentist prepares the oral cavity (therapeutic, periodontal treatment). These works should be taken into account, otherwise the estimated price of prosthetics may in reality be significantly higher than what the patient initially assumed. It should also be taken into account that the price of a clasp prosthesis will depend on the type of fixation of the prosthesis to the teeth. Clasp prosthetics on locks is much more expensive, since in this case the total cost also includes the cost of locks and metal-ceramic crowns.

Conclusions.

Most experts and specialists in the field of dentistry believe that at present there is no alternative to clasp dentures. Currently, clasp dentures cope with their main tasks at the proper level - the restoration of lost chewing functions and the creation of a cosmetic effect of healthy teeth. The only significant disadvantage of this type of prosthetics is the cost of clasp dentures, since not every patient can afford to use this type of service in orthopedic treatment.

REFERENCES

1. Qilichovna, A. M., Nematilloevna, X. M., & Ergashevich, II (2024). THE ROLE OF CARIOGENIC AND PROTECTIVE FACTORS IN THE PREVENTION OF CARIES. EDUCATION, SCIENCE AND INNOVATIVE IDEAS IN THE WORLD, 43(8), 45-51.
2. Qilichovna, A. M., Nematilloevna, X. M., & Ergashevich, II (2024). KARIYESNING OLDINI OLISHDA KARIOGEN VA HIMOYA OMILLARNING ROLI. EDUCATION, SCIENCE AND INNOVATION IDEAS IN THE WORLD, 43(8), 52-59.

3. Qilichovna, A. M. (2024). FACTORS CAUSING THE WIDE SPREAD OF DENTAL CARIES. EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE, 4(4), 154-160.
4. Nematilloevna, X. M., & Qilichovna, A. M. (2024). MORPHO-FUNCTIONAL CHANGES IN ACUTE FORMS OF APHTHOUS STOMATITIS: Yangi O'zbekiston 454 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3 taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari. Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari, 6(4), 177-186.
5. Qilichovna, A. M., & Nematilloevna, X. M. (2024). METABOLIK SINDROMI VA QON BOSIMI BOR BEMORLARDA O'ZGARISH XUSUSIYATLARI BAHOLASH: Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari. Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari, 6(4), 187-196.
6. Qilichovna, A. M., & Nematilloevna, X. M. (2024). TIBBIYOT TILI HISOBLANMISH LOTIN TILINI SAMARALI O'RGANISH OMILLARI: Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari. Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari, 6(4), 197-206
7. Qilichovna, A. M., & Vahidovna, K. N. (2024). FACTORS CAUSING DISEASES OF PERIODONTAL TISSUES. JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH, 3(5), 196-201.
8. Qilichovna, A. M., & Abdumutalib o'g'li, U. A. (2024). KARIES PROFILAKTIKASI NAZARIYASI VA AMALIYOTI. JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH, 3(5), 202-209.
9. Vahidovna, K. N., & Qilichovna, A. M. (2024). FACTORS CAUSING PERIODONTAL TISSUE DISEASES. JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH, 3(5), 185-195.
10. Qilichovna, A. M. (2024). THEORETICAL FUNDAMENTALS OF CARIES PREVENTION. Journal of Science in Medicine and Life, 2(5), 222-226.
11. Qilichovna, A. M., & Safarboy o'g'li, T. S. (2024). 4-AVLAD ADGEZIV SYSTEMA. JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH, 3(5), 307-313.
12. Axmedova, M. (2024). CONDITION OF THE ALVEOLAR PROCESS AND PERIOSTE WHEN USING REMOVABLE DENTURES. EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE, 4(11), 528-538.
13. Qilichevna, A. M. (2024). COMPARATIVE ANALYSIS OF NUTRITIONAL DISPARITIES AMONG PEDIATRIC POPULATIONS: A STUDY OF CHILDREN WITH DENTAL CAVITIES VERSUS THOSE IN OPTIMAL HEALTH. Central Asian Journal of Multidisciplinary Research and Management Studies, 1(2), 30-34.
14. Qilichovna, A. M. (2024). CLINIC FOR PATIENTS WITH DENTURES COMPARATIVE DIAGNOSIS AND PATHOGENESIS. TADDIQOTLAR, 30(3), 127-135.
15. Ahmedova, M. (2023). COMPARATIVE ANALYSIS OF NUTRITIONAL DISPARITIES AMONG PEDIATRIC POPULATIONS: A STUDY OF CHILDREN 455 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3 WITH DENTAL CAVITIES VERSUS THOSE IN OPTIMAL HEALTH. International Bulletin of Medical Sciences and Clinical Research, 3(12), 68-72.
16. Ahmedova, M. (2023). DIFFERENCES IN NUTRITION OF CHILDREN WITH DENTAL CARIES AND HEALTHY CHILDREN. International Bulletin of Medical Sciences and Clinical Research, 3(12), 42-46.
17. Axmedova, M. (2023). TISH KARIESINING KENG TARQALISHIGA SABAB BO'LUVCHI OMILLAR. Central Asian Journal of Education and Innovation, 2(12), 200-205.
18. Akhmedova, M. (2023). USE OF COMPUTER TECHNOLOGIES AT THE STAGES OF DIAGNOSTICS AND PLANNING OF ORTHOPEDIC TREATMENT BASED ON ENDOSSAL IMPLANTS. Central Asian Journal of Education and Innovation, 2(11 Part 2), 167-173.

19. Axmedova, M. (2023). USE OF COMPUTER TECHNOLOGY AT THE STAGES OF DIAGNOSIS AND PLANNING ORTHOPEDIC TREATMENT BASED ON ENDOSSEAL IMPLANTS. *International Bulletin of Medical Sciences and Clinical Research*, 3(11), 54-58.
20. Akhmedova, M. (2020). ENDOTHELIAL FUNCTION DISORDERS IN THE DEVELOPMENT OF APHTHOUS STOMATITIS. *Achievements of Science and Education*, (18 (72)), 65-69.
21. Axmedova, M. (2023). THE IMPACT OF SOCIOCULTURAL FACTORS ON THE PERVASIVENESS OF DENTAL CARIES AS A COMPLEX HEALTH CONDITION IN CONTEMPORARY SOCIETY. *International Bulletin of Medical Sciences and Clinical Research*, 3(9), 24-28.
22. Akhmedova, M.K. (2024). COMMON CAUSES OF DENTAL CARIES. *Best Intellectual Research*, 14(4), 77-85.
23. Qilichovna, A. M. (2024). CLINICAL SIGNS WHEN ACCOMPANIED BY DENTAL DISEASES AND METABOLIC SYNDROME. *EDUCATION, SCIENCE AND INNOVATIVE IDEAS IN THE WORLD*, 39(5), 116-24.
24. Akhmedova, M. K. (2024). Prevention of Dental Diseases in Pregnant Women. *Research Journal of Trauma and Disability Studies*, 3(3), 66-72.
25. Akhmedova, M. K. (2024). MAIN PREVENTIVE METHODS OF PERIODONTAL TISSUES IN CHILDREN AND ADOLESCENTS. *EDUCATION SCIENCE AND INNOVATIVE IDEAS IN THE WORLD*, 41(5), 254-260. 456 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3
26. Qilichovna, A. M. (2024). PREVENTION OF PERIODONTAL DISEASES IN CHILDREN AND TEENAGERS. *EDUCATION, SCIENCE AND INNOVATIVE IDEAS IN THE WORLD*, 41(5), 234-239.
27. Qilichovna, A. M. (2024). PREVENTION OF PERIODONTAL AND GUM DISEASES IN PREGNANT WOMEN. *EDUCATION, SCIENCE AND INNOVATIVE IDEAS IN THE WORLD*, 41(5), 240-245.
28. Qilichovna, A. M. (2024). HOMILADOR AYOLLARDA TISH VA PARADONT KASALLIKLARINING OLDINI OLISH. *EDUCATION INNOVATION IDEAS IN THE WORLD*, 41(5), 246-253.
29. Akhmedova, M. K. (2024). SCIENCE AND STUDY OF THE CAUSAL FACTORS OF PERIODONTITIS. *Journal of new century innovations*, 49(3), 47-53.
30. Qilichovna, A. M. (2024). TO STUDY THE FACTORS THAT CAUSE PERIODONTITIS. *Journal of new century innovations*, 49(3), 40-46.
30. Qilichovna, A. M. (2024). THE ROLE OF PATHOGENESIS IN THE GROWTH FACTORS OF PERIODONTITIS DISEASE. *Journal of new century innovations*, 49(3), 25-32.
31. Qilichovna, A. M. (2024). TISH KARIYESI BO'LGAN BOLALAR VA SOG'LOM BOLALARNING OVQATLANISHIDAGI FARQLAR. *Ta'limning zamonaviy transformatsiyasi*, 6(2), 213-223.
32. Akhmedova, M. K. (2024). DIFFERENCES IN NUTRITION OF CHILDREN WITH DENTAL CARIES AND HEALTHY CHILDREN. *Ta'limning zamonaviy transformatsiyasi*, 6(2), 224-234.
33. Ergashevich, II, Bahronovich, B. F., & Qilichevna, A. M. (2024). ASTMATIK STATUSDAN BEMORLARNI CHIQRISHNING ZAMONAVIY TAMOIYILLARI. *EDUCATION, SCIENCE AND INNOVATION IDEAS IN THE WORLD*, 43(8), 36-44.
34. Axmedova, M., & Neymatov, D. (2025). TERAPEVTIK STOMATALOGIYADA BEMORLARNI QO'SHIMCHA TEKSHIRISH USULLARI (PARAKLINIK USUL). *Modern Science and Research*, 4(1), 268-278.
36. Axmedova, M., & Neymatov, D. (2025). TERAPEVTIK STOMATALOGIYADA BEMORLARNI ASOSIY TEKSHIRISH USULLARI. *Modern Science and Research*, 4(1), 257-267.

35. Akhmedova, M., Kuzieva, M., & Kurbanova, N. (2025). TEMPOROMANDIBULAR JOINT DISEASES AND DIAGNOSIS FORMULATION. Modern Science and Research, 4(1), 279-289. 457 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3
36. Axmedova, M. (2025). DISEASES OF THE TEMPOROMANDIBULAR JOINT AND FORMULATION OF DIAGNOSIS. Modern Science and Research, 4(1), 290-3.
37. Akhmedova, M., Kuzieva, M., & Khalilova, L. (2025). THE STATE OF THE ALVEOLAR PROCESS AND PERIOSTA WHEN USING REMOVABLE DENTURES. Modern Science and Research, 4(1), 301-310.
38. Kuzieva, M., Akhmedova, M., & Khalilova, L. (2025). MODERN ASPECTS OF CHOICE OF MATERIAL FOR ORTHOPEDIC TREATMENT OF PATIENTS IN NEED OF DENTAL PROSTHETICS. Modern Science and Research, 4(1), 322-333.
39. Kuzieva, M., Akhmedova, M., & Khalilova, L. (2025). GALVANOSIS AND ITS DIAGNOSTIC METHODS IN THE CLINIC OF ORTHOPEDIC DENTISTRY. Modern Science and Research, 4(2), 203-212.
40. Axmedova, M. (2025). CONDITION OF THE ALVEOLAR PROCESS AND PERIOSTA WHEN USED REMOVABLE DENTURES. Modern Science and Research, 4(2), 195-202.
41. Axmedova, M. (2024). CONDITION OF THE ALVEOLAR PROCESS AND PERIOSTE WHEN USING REMOVABLE DENTURES. EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE, 4(11), 528-538.
42. Axmedova, M. (2025). FEATURES OF THE ANATOMICAL STRUCTURE OF THE TEMPOROMANDIBULAR JOINT AND ITS BONE FORMATIONS. Modern Science and Research, 4(2), 175-182.
43. Akhmedova, M. (2025). FEATURES OF THE ANATOMICAL STRUCTURE OF THE TEMPOROMANDIBULAR JOINT AND ITS BONE FORMATIONS. Modern Science and Research, 4(2), 167-174.
44. Axmedova, M., & Shavkatov, D. (2025). BIRINCHI PASTKI MOLARLARNING QO'SHIMCHA TIL ILDIZI. Modern Science and Research, 4(2), 1456-1466.
45. Axmedova, M., & Ergasheva, D. (2025). TISH KARIESINI DAVOLASH VA OLDINI OLISH. Modern Science and Research, 4(2), 959-967.
46. Ravshanovna, XL (2021, June). MINIMALLY INVASIVE METHODS OF TREATMENT OF DENTAL CARIES IN ADULTS. In "ONLINE-CONFERENCES" PLATFORM (pp. 118-119).
47. Khalilova, L. (2024). GLASS IONOMER CEMENTS USED IN DENTISTRY. Modern Science and Research, 3(12), 443-450.
48. Kuzieva, M. A. (2023). Clinical and Morphological Criteria of Oral Cavity Organs in the Use of Fixed Orthopedic Structures. Research Journal of Trauma and Disability Studies, 2(12), 318-324. 458 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3
49. Abdusalimovna, K. M. (2024). THE USE OF CERAMIC MATERIALS IN ORTHOPEDIC DENTISTRY. (Literature review). TADQIQOTLAR, 31(3), 75-85. 52. Abdusalimovna, K. M. (2024). CLINICAL AND MORPHOLOGICAL FEATURES OF THE USE OF METAL-FREE CERAMIC STRUCTURES. TA'LIM VA INNOVATSION TADQIQOTLAR, 13, 45-48.
50. Abdusalimovna, K. M. (2024). THE ADVANTAGE OF USING ALL-CERAMIC STRUCTURES. TA'LIM VA INNOVATSION TADQIQOTLAR, 13, 49-53.
51. Abdusalimovna, K. M. (2024). MORPHO-FUNCTIONAL FEATURES OF THE METHOD OF PREPARATION OF DEPULPATED TEETH FOR PROSTHETICS. SCIENTIFIC JOURNAL OF APPLIED AND MEDICAL SCIENCES, 3(4), 301-307
52. Abdusalimovna, K. M. (2024). Clinical and Morphological Features of the Use of Non-Removable Orthopedic Structures. JOURNAL OF HEALTHCARE AND LIFE SCIENCE RESEARCH, 3(5), 73-78.

53. Kuzieva, M. A. (2024). CARIOUS INFLAMMATION IN ADOLESCENTS: CAUSES, FEATURES AND PREVENTION. *European Journal of Modern Medicine and Practice*, 4(11), 564-570.
54. Kuzieva, M. A. (2024). Malocclusion—Modern Views, Types and Treatment. *American Journal of Bioscience and Clinical Integrity*, 1(10), 103-109.
55. KUZIEVA, M. A. (2024). MODERN ASPECTS OF MORPHO-FUNCTIONAL DATA AND TREATMENT OF AGE-RELATED CHANGES IN THE MAXILLOFACIAL REGION. *Valeology: International Journal of Medical Anthropology and Bioethics*, 2(09), 126-131.
56. Akhmedova, M., Kuzieva, M., & Kurbanova, N. (2025). TEMPOROMANDIBULAR JOINT DISEASES AND DIAGNOSIS FORMULATION. *Modern Science and Research*, 4(1), 279-289.
57. Kuzieva, M., Akhmedova, M., & Khalilova, L. (2025). MODERN ASPECTS OF CHOICE OF MATERIAL FOR ORTHOPEDIC TREATMENT OF PATIENTS IN NEED OF DENTAL PROSTHETICS. *Modern Science and Research*, 4(1), 322-333
58. Khalilova, L., Akhmedova, M., & Kuzieva, M. (2025). MAIN ASPECTS IN CARIES DIAGNOSIS. *Modern Science and Research*, 4(1), 697-706.
59. Kuzieva, M. (2025). MODERN ASPECTS OF CHOICE OF MATERIAL FOR ORTHOPEDIC TREATMENT OF PATIENTS IN NEED OF DENTAL PROSTHETICS. *Modern Science and Research*, 4(1), 311-321. 459 ResearchBib IF - 11.01, ISSN: 3030-3753, Volume 2 Issue 3
60. Khayitova, M. Z. (2024). Modern views on the Causes and Treatment of Caries of Temporary Teeth in Young Children. *International Journal of Alternative and Contemporary Therapy*, 2(9), 123-127.
61. Khayitova, M. D. (2024). Morphological Features of Bottle (Circular) Caries. *American Journal of Bioscience and Clinical Integrity*, 1(10), 117-124.
62. Dzhuraevna, K. M. (2024). Features of Caries Morbidity in Preschool Children. *Research Journal of Trauma and Disability Studies*, 3(3), 300-305.
63. Hayitova, M., & Taylakova, D. (2023). DENTAL CARIES IS A DISEASE OF CIVILIZATION. *Central Asian Journal of Education and Innovation*, 2(8), 61- 66.
64. Dzhuraevna, K. M. (2024). Clinical and morphological aspects of cracks in the posterior teeth in adults. *Scientific Journal of Traumatology and Disability*, 3 (5), 429-432.
65. Dzhuraevna, K. M. (2024). Prevalence and Course of Dental Diseases Among Younger Patients. *Research Journal of Trauma and Disability Studies*, 3(5), 433-436.
66. Khaitova, M. D. (2023). Features of the Occurrence and Course of Dental Caries. *Research Journal of Trauma and Disability Studies*, 2(12), 356-363.
67. Khaitova, M., & Taylakova, D. (2023). A DENTIST'S VIEW OF ORAL HYGENE IN CHILDREN. *Innovative Research in the Modern World: Theory and Practice*, 2(23), 58-59.
68. Khaitova, M. D. (2023). PREVALENCE AND DISTRIBUTION OF CRACKS IN POSTERIOR TEETH AMONG ADULT PATIENTS (LITERATURE REVIEW). *Best Intellectual Research*, 12(1), 186-195.
69. Dzhuraevna, K. M. (2024). Clinical and Morphological Aspects of Cracks on The Back Teeth in Adults. *Research Journal of Trauma and Disability Studies*, 3(5), 429-432.
70. Dzhuraevna, K. M. (2023). THE FREQUENCY OF DENTAL DISEASES IN CHILDREN (LITERATURE REVIEW). *Best Intellectual Research*, 12(1), 159-168.
71. Dzhuraevna, K. M. (2023). FEATURES OF THE OCCURRENCE OF DENTAL DISEASES IN CHILDREN. *Best Intellectual Research*, 12(1), 178-185.
72. Khayitova, M. (2025). GUIDELINES FOR DENTAL EMERGENCIES DURING A PANDEMIC. *Modern Science and Research*, 4(1), 827-835.