

EFFECTIVENESS OF TREATMENT OF MALOCCLUSION IN CHILDREN*Azimova Shakhnoza Shukhratovna**Bukhara State Medical Institute named after Abu Ali bin Sino*

Abstract: Among dental diseases, dental anomalies in frequency and prevalence occupy the third place after dental caries and periodontal diseases. Their diagnosis and treatment is considered one of the urgent tasks in orthodontics, they affect chewing functions, cause speech disorders, aesthetic defects and limit the manifestation of human potential, significantly reducing the quality of life. This pathological condition causes various pathological changes in the temporomandibular joint, along with a violation of the cosmetic condition, a violation of chewing food. With pathological bites in adolescents, there are also changes in their general psycho-emotional state.

Key words: dental anomalies, malocclusion pathology, psychoemotional state, early diagnosis.

Introduction. As it is known from several scientific publications, the teeth-the development of anomalies and malformations jag polietnologik is listed. In particular, the overall disease risk factors: the children of defects in the antenatal period - lack of body weight at birth, and pregnancy birth defects, the development of the fetus to be left behind, nervous system disorders, with the incidence of various diseases during the period of the baby food rasionini disorder, the mental strain: local disease risk factors - as a result of harmful habits for your teeth jag negative changes in the activity of the area, improper treatment of milk teeth, early loss of deciduous teeth, does not eliminate defects at the time of between the rows of teeth among all them.

Anomalies of teeth alignment the main dental diseases are characterized by high prevalence and access to the group. Temporary and spread their frequency in recent decades in the world of tishlovda from 17 to 100% grow significantly.

Materials and methods. The opinions expressed by researchers are tooth-teeth system diseases of the formation mechanism of malformations in the formation of this pathology depends on the interaction of all time different teeth to determine the condition and check that the somatic- displacement raises the issue of the need to learn more.

The purpose of the research. Early diagnosis and treatment of movement abnormalities in children the basis of the principle of a comprehensive approach to them ortodontik in the treatment of medical-psychological analysis of the effectiveness of the approach.

Bukhara state medical institute named Abu Ali ibn Sina research dentistry at the educational-scientific-practical center 110 students who apply for treatment to the

diagnosis of abnormalities in children at the age of 14-18 established objective and subjective inspections was conducted. The request was conducted on the basis of clinical and checks it included the following: surveys, face and oral cavity examination. Disorder will identify the factors which lead to the emergence and development of local and pathogenetic disease risk. The mutual alignment of the upper and lower teeth of attention important side on the side, which lead to morphological and functional changes jag the intersection focused on the analysis of the properties in. The diagnosis of the model facilitate learning. We check the updated alignment of the teeth and distal diagnostic analysis of the model considering mezial held ortognatik average data were compared with norms.

Results and discussions. Get the mold with raw materials for the preparation alginat elastic diagnostic anatomical model were taken from the mold. The diagnostic model prepared and poured. The diagnostic model of the teeth and their relationship to the condition of the lanes antropometrik inspections was conducted. The diagnosis of the patient's clinical, x-ray data verification and diagnosis according to the criteria were identified.

Verification and comparison of the results obtained from the patients in the group in figure 14-18 children from normative to determine the amount of the control group consisting of 30 students having please ortognatik was organized.

In the main group for children and teenagers in the treatment of hot ortodontik basic materials prepared on the basis of which get put polimerizasiya edjuvayst our system without additional hardware and taking advantage of medical and psychological treatment of adults aimed to improve the condition and consulted with a psychologist was conducted.

In the event of abnormalities in the treatment of children who have ortodontik traditional treatment provided and the effectiveness of the method in relation to the overall treatment of the drug in the complex treatment of children and Palora Omega 3-6-9 psychological approach when considering the psychological condition of children and reduce the patient to get used to the process hardware ortodontik use of devices was increased.

The method of this research used a combination of treatment stages ortodontik psixoemosional profile cases in the dynamics of adaptation, affektiv condition, the level of motivation towards treatment, the quality of life of the patient and determine a full understanding of the needs of the external appearance correcting, self-respect can be recommended to identify the most vulnerable point in.

Conclusion. Teeth movement abnormalities in the treatment of anxiety-depressiv eliminate symptoms, as well as in order to take the full course of treatment outlined ortodontik professionals on the psychological side, it is recommended to maintain motivation is to attract. Words to conclude according to the results of our

research in the treatment process ortodontik accustomed to a medical-psychological approach to the usefulness of the 93,6% accounted for.

Detect early abnormalities in children movement, check improvement, considering the psychological condition of children, the psychologist conducted in conjunction with the treatment ortodontik to a reduction of the period of treatment in children and to get used to the hardware, along with process improvements, allows you to save your expensive therapy in the future.

References:

1. Alimova N.P. Anthropometric parameters of the head and maxillofacial region in children with adenoids //International Engineering Journal for Research & Development. – 2020. – T. 5. – №. ISCCPCD. – C. 2-2.
2. Alimova, N. P. (2021). Comparative characteristics of anthropometric parameters of 5-6-yearold children in urban and ruralAreas of Bukhara. In International scientific-online conference on Innovation in the modern education system” Washungton, USA (pp. 296-268).
3. Aliev N.H. Clinical and functional methods of assessment and diagnosis of the pathological condition of the temporomandibular joint // Тиббиётда янги кун – Бухоро, 1(33) 2021. Янвaрь-Мaрт. 375-380 бет.
4. Azimova Sh.Sh. Medical Psychological Approach In The Development Of Early Diagnosis And Treatment Of Children’s Crossbite // Eurasian Scientific Herald. – Volume 3, Issue, December, 2021. – P.31-36. (JIF: 8.225)
5. Azimova Shakhnoza Shukhratovna Effectiveness of treatment of malocclusion in children // International Journal of Cognitive Neurosciences and Psychology. - Volume 1, Issue 1, September, 2023. – P. 30-34.
6. Azimova Shakhnoza Shukhratovna, Saidov Akbar Ahadovich Algorithm for Early Detection and Treatment of Malocclusion in Children // International Journal of Integrative and Modern Medicine. - Volume 1, Issue 2, September, 2023. – P. 22-29.
7. Azimova Shakhnoza Shukhratovna, Saidov Akbar Ahadovich Assessment of the Violation of the Psycho-Emotional State and Quality of Life of Patients with Malocclusion in the Process of Orthopedic Treatment // International Journal of Pediatrics and Genetics. – Vol. No. 3, Issue 2, September, 2023. – P. 13-18.
8. Azimova Sh.Sh., Saidov A.A., Ibragimova F.I. Medical and Psychological Approach in the Early Diagnosis and Treatment of Cutaneous Bite in Children // Annals of the Romanian Society for Cell Biology. – Volume 21, Issue 4, March, 2021. – P. 16137-16142. (Scopus)
9. Azimova Shakhnoza Shukhratovna. (2021). Medical Psychological Approach In The Development Of Early Diagnosis And Treatment Of Children`S Crossbite. Eurasian Scientific Herald, 3, 31–36. Retrieved from

<https://geniusjournals.org/index.php/esh/article/view/302>

10. Amrulloevich, G. S., & Ismatovich, D. J. (2020). Morphometric features of the formation of organs of the bones of the dentition in children with chronic pathologies of the respiratory system. *Journal of critical reviews*, 7(18), 892-899.
11. Gafforov, S. A., & Durdiev, Z. I. (2020). Violation of the formation of bone organs of the dentition system in children with respiratory system pathologies. *ACADEMICIA: An International Multidisciplinary Research Journal*, 10(4), 325-333.
12. Hamidovich, J. A., & Ahadovich, S. A. (2022). Assessment of Quality of Life During Orthopedic Treatment of Patients with Diseases of the Mucosa of the Oral Cavity. *Texas Journal of Medical Science*, 8, 96-100.
13. Saidov A.A. Assessment of some indicators of oral liquid in children with the pathology of the tempor-mandibular joint // *Asian Journal of Multidimensional Research*, Indiya, 2020. Vol 9, Issue 1, January. – P. 59-63.
14. Saidov A.A. Hygienic condition of the oral cavity during orthodontic treatment of children with temporomandibular joint dysfunction // *The Pharma Innovation Journal*. Indiya, 2020. - № 9(6). - P. 589-591.
15. Shakhnoza Shukhratovna Azimova Medical Psychology Algorithm of Prevention and Treatment of Malocclusion among Children Aged 10-18 // *International Journal of Health Systems and Medical Sciences* ISSN: 2833-7433 Volume 2 | No 5 | May -2023. – P. 300-308.
16. Shukhratovna, A. S., & Ahadovich, S. A. (2023). Assessment of the Violation of the Psycho-Emotional State and Quality of Life of Patients with Malocclusion in the Process of Orthopedic Treatment. *International Journal of Pediatrics and Genetics*, 1(3), 13–18.
17. Shukhratovna, A. S., & Ahadovich, S. A. (2023). Algorithm for Early Detection and Treatment of Malocclusion in Children. *International Journal of Integrative and Modern Medicine*, 1(2), 22–29. Retrieved from <https://medicaljournals.eu/index.php/IJIMM/article/view/41>
18. Shukhratovna, A. S. (2023). Comprehensive Assessment of Psycho-Emotional Disorders and Quality of Life of Patients with Dentition Defects in the Process of Orthopedic Rehabilitation. *Research Journal of Trauma and Disability Studies*, 2(10), 21–26.
19. Shuxratovna, A. S., & Ahadovich, S. A. (2023). Ortopedik Reabilitatsiya Jarayonida Tish Qatorlari Nuqsonlari Bo'lgan Bemorlarning Psixo-Emotsional Buzilishlari Va Hayot Sifatini Kompleks Baholash. *Journal of Science in Medicine and Life*, 1(2), 54–57.
20. Shukhratovna, A. S. (2023). Assessment of The Psychological Status of Patients

- with Dental Anomalies. Journal of Creativity in Art and Design, 1(1), 38–44.
21. Shukhratovna, A. S. (2023). EFFECTIVENESS OF TREATMENT OF MALOCCLUSION IN CHILDREN. International Journal of Cognitive Neuroscience and Psychology, 1(1), 30–34.
22. Zhumaev, A. K. (2020). Partial defects of dental rows results of the questionnaire and clinical assessment of the condition of removable prostheses. Middle European Scientific Bulletin, 6, 94-97.
23. Азимова Ш.Ш. Оценка психоэмоциональных нарушений и качества жизни при ранней диагностике и лечения аномалий прикуса у детей // O‘ZBEKISTONDA FANLARARO INNOVATSIYALAR VA ILMIY TADQIQOTLAR JURNALI 19-сон 20.05.2023. 1821-1288 бет.
24. Азимова Ш.Ш. Болаларда тишлов аномалияларини даволашнинг самарадорлиги // Tibbiyotda yangi kun 6 (56) 2023. 260-263 бет.
25. Азимова Ш.Ш., Саидов А.А. Болаларда кесишган тишловни эрта ташхислаш ва даволашда тиббий-психологик даво-профилактика алгоритми // Услубий тавсиянома. - Бухоро, 2022. - 16 б.
26. Саидов А.А., Азимова Ш.Ш., Абруев У.Р., Расулов М.М. Тиш-жағ тизими аномалиялари ва деформацияларининг Бухоро шаҳар мактаб ёшидаги болалар орасида тарқалиш даражасини ўрганиш // Доктор Ахборотномаси. - Самарқанд, 2020. - № 1. - С. 67-71. (14.00.00; № 20)
27. Саидов А.А., Азимова Ш.Ш., Ахмедов Х.К. Тишлов аномалиялари ва чакка пастки жағ бўғими дисфункцияси бўлган болалар оғиз бўшлиғи гигиеник ҳолатини баҳолаш // Доктор Ахборотномаси. - Самарқанд, 2020. - №3 (95). - С. 70-73. (14.00.00; № 20)
28. Саидов А.А. Азимова Ш.Ш. Оценка некоторых показателей ротовой жидкости у детей с патологией прикуса и височно-нижнечелюстного сустава // Тиббиётда янги кун. - Бухоро, 2022. - №5 (43). - С. 228-232. (14.00.00; № 22)
29. Саидов А.А., Азимова Ш.Ш. Определение основных этиологических факторов у детей с дисфункцией височно-нижнечелюстного сустава // Monografia pokonferencyjna. Science, research, development #32. Berlin. - 2020.-P. 48-51.