

PREVENTIVE DIAGNOSIS OF DENTAL INJURIES IN ATHLETES**Inogamov Sherzod Muxamatisakovich****Rizaev Jasur Alimdjanovich**

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Annotation. Currently, the problem of acute injuries of the maxillofacial region in athletes is given great attention. Numerous studies have shown that trauma to the dentoalveolar apparatus in athletes depends on many factors; on the type of sport, its specifics, gender of the athlete, age, level of sportsmanship, experience in sports, etc. Currently, in the special scientific literature there are no specific characteristics of the dental status of representatives of certain sports, which makes it difficult to develop and implement comprehensive preventive measures in accordance with the specifics of a particular sport. Therefore, there is a need to increase the role of prevention of major dental diseases in athletes by developing a rational set of measures aimed at improving the quality of life and the level of dental health in this category of athletes.

Key words. dental injuries, early diagnosis, dental health.

Purpose of the study: Improving the effectiveness of prevention and diagnosis of major diseases of the dentoalveolar system in contact sport athletes through the use of clinical, immunological and biochemical studies.

Material and methods of research. Under our supervision during 2018-2019. there were 114 athletes of national teams and their nearest reserve, who applied for dental care at the RSPCSM at the National Olympic Committee of the Republic of Uzbekistan. Among them there were 62 men with an average age of 24.7 ± 2.5 years who represented such a sport as boxing.

Within 2 years, after the initial examination, out of 114 athletes, it was possible to complete a comprehensive dental rehabilitation in 62 people, taking into account the "Algorithm for the dental rehabilitation of athletes of national teams" developed in this study. Among them, the vast majority did not need orthopedic treatment - replacement of dentition defects, because due to lack of time, athletes with dentition defects temporarily refused prosthetics and were not included in this study.

In this case, two subgroups were formed:

- using ceramic inlays when replacing teeth defects;
- using composite restorations when replacing tooth defects.

Incomplete dental rehabilitation of another part of the athletes is explained by the lack of time to visit the dentist due to the busy schedule of the training process and competitions.

Re-examination of athletes after complex dental treatment and prosthetics was carried out 12 months after the end of treatment.

Conclusion. Early diagnosis of diseases of the dentoalveolar system in boxers and the use of biomedical methods for correcting the state of the body without changing the volume and intensity of physical activity performed will allow continuing successful sports activities. A rational approach to maintaining the health of an athlete and maintaining his physical performance at a high level consists in assessing adaptive reactions to the physical load, nervous tension, climatic and geographical conditions in which sports activities are carried out, identifying the initial stages of adaptation failure to the listed factors and eliminating these conditions in effective ways impact.

Bibliography

1. Ризаев Ж. А., Назарова Н. Ш. Состояние местного иммунитета полости рта при хроническом генерализованном парадонтите //Вестник науки и образования. – 2020. – №. 14-4 (92). – С. 35-40.
2. Rizaev J. A., Rizaev E. A., Akhmadaliev N. N. Current View of the Problem: A New Approach to Covid-19 Treatment //Indian Journal of Forensic Medicine & Toxicology. – 2020. – Т. 14. – №. 4.
3. РИЗАЕВ Ж. А., АХРОВОВА М. Ш. ОЦЕНКА ОСОБЕННОСТЕЙ ИЗМЕНЕНИЯ СЛИЗИСТОЙ ОБОЛОЧКИ И СОСТОЯНИЯ ПОЛОСТИ РТА ПРИ COVID-19 //ЖУРНАЛ БИОМЕДИЦИНЫ И ПРАКТИКИ. – 2022. – Т. 7. – №. 4.

<https://conferencea.org>

4. Кубаев А. и др. Comparative analysis of methods for treating depressed frontal sinus fractures //Журнал стоматологии и краниофациальных исследований. – 2020. – Т. 1. – №. 1. – С. 25-28.
5. SHAVKATOVNA A. M. et al. TISH FLYUOROZI //E Conference Zone. – 2022. – С. 175-180.
6. Качалиев Х. Ф. и др. Неотложная помощь при переломе скуловой кости и передней стенки гайморовой пазухи //Наука и образование сегодня. – 2021. – №. 1 (60). – С. 74-78.
7. Ризаев Ж. А., Назарова Н. Ш., Кубаев А. С. Особенности течения заболеваний полости рта у работников производства стеклопластиковых конструкций //Вестник науки и образования. – 2020. – №. 21-1 (99). – С. 79-82.
8. Кубаев А. С. Оптимизация диагностики и лечения верхней микрогнатии с учетом морфофункциональных изменений средней зоны лица //Научные исследования. – 2020. – №. 3 (34). – С. 33-36
9. Ахроров А., Шомуродов К., Кубаев А. ОКАЗАНИЕ КВАЛИФИЦИРОВАННОЙ МЕДИЦИНСКОЙ ПОМОЩИ ПОСТРАДАВШИМ ОТ ДОРОЖНО-ТРАНСПОРТНЫХ ПРОИСШЕСТВИЙ С ЧЕЛЮСТНО-ЛИЦЕВОЙ ТРАВМОЙ //Журнал стоматологии и краниофациальных исследований. – 2020. – Т. 1. – №. 2. – С. 52-58.
10. КУБАЕВ А. С., КАРШИЕВ Ш. Г., БАЗАРОВ Б. НАШ ОПЫТ ХИРУРГИЧЕСКОГО ЛЕЧЕНИЯ ПЕРЕЛОМОВ НИЖНЕЙ ЧЕЛЮСТИ //ЖУРНАЛ БИМЕДИЦИНЫ И ПРАКТИКИ. – 2022. – Т. 7. – №. 1.
11. Марупова М. Х., Кубаев А. С., Хазратов А. И. АНАЛИЗ ОККЛЮЗИОННО-АРТИКУЛЯЦИОННОГО ВЗАИМООТНОШЕНИЯ У ПАЦИЕНТОВ С СИНДРОМОМ БОЛЕВОЙ ДИСФУНКЦИИ ВИСОЧНО-НИЖНЕЧЕЛЮСТНОГО СУСТАВА //Conferencea. – 2022. – С. 195-196.
12. Ортикова Н., Ризаев Ж., Кубаев А. ПСИХОЭМАЦИОНАЛЬНОГО НАПРЯЖЕНИЯ У ДЕТЕЙ НА АМБУЛАТОРНОМ СТОМАТОЛОГИЧЕСКОМ ПРИЁМЕ //Журнал стоматологии и краниофациальных исследований. – 2021. – Т. 2. – №. 3. – С. 59-63.
13. Махмудова А. Н. и др. Медицина Узбекистана-достижения и перспективы развития сферы //Достижения науки и образования. – 2020. – №. 3 (57). – С. 49-52.
14. Rizaev, Jasur A., Hiromichi Maeda, and Natalya V. Khramova. "Plastic surgery for the defects in maxillofacial region after surgical resection of benign tumors." *Annals of Cancer Research and Therapy* 27, no. 1 (2019): 22-23.
15. Махмудова А. Н., Махмудова С. Гуманитаризация медицинского образования как фактор повышения качества обучения в вузе //Science and Education. – 2022. – Т. 3. – №. 6. – С. 709-718.
16. Al-Haideri, M., Tondok, S. B., Safa, S. H., Rostami, S., Jalil, A. T., Al-Gazally, M. E., ... & Tahmasebi, S. (2022). CAR-T cell combination therapy: the next revolution in cancer treatment. *Cancer Cell International*, 22(1), 1-26.
17. Махмудова А. Н. и др. Принципы формирования экологически значимых ценностей у студентов медицинского вуза //Science and Education. – 2022. – Т. 3. – №. 6. – С. 1181-1192.
18. Rudiansyah, M., El-Sehrawy, A. A., Ahmad, I., Terefe, E. M., Abdelbasset, W. K., Bokov, D. O., ... & Shalaby, M. N. (2022). Osteoporosis treatment by mesenchymal stromal/stem cells and their exosomes: Emphasis on signaling pathways and mechanisms. *Life Sciences*, 120717.
19. Махмудова А. Н. Правовая защита пациентов в сфере здравоохранения в новом Узбекистане //Academic research in educational sciences. – 2022. – №. Conference. – С. 102-107.
20. Махмудова А. Н., Камариддинзода А. К. Защита прав пациентов в Республике Узбекистане //Science and Education. – 2022. – Т. 3. – №. 10. – С. 54-62
21. Nugmanovna M. A., Kamariddinovna K. A. Modern biotechnical problems of medicine and their solutions //Archive of Conferences. – 2021. – Т. 13. – №. 1. – С. 169-173.
22. Kamariddinovna K. A., Nugmanovna M. A. Improving population health the important task of the state //Archive of Conferences. – 2021. – Т. 17. – №. 1. – С. 204-208.
23. Khazratov, Alisher I., Jasur A. Rizaev, Nataliya Ye Lisnychuk, Gulsara Dj Reimnazarova, Aziz S. Kubaeв, and Kamronbek J. Olimjonov. "Morphofunctional Characteristics Of The Oral Mucosa Of Experimental Rats In Experimental Carcinogenesis." *European Journal of Molecular and Clinical Medicine* 8, no. 2 (2021): 227-235.