

PROCESSES AND THEIR COMPLICATIONS IN THE FACE-JAW AREA AND
ORAL MUCOSA OF PATIENTS SUFFERING FROM KOVID-19 INFECTION

T.E.Zoyirov
A.A.Akhmedov
B.K.Rakhmonova
Sh.S.Shonazarov

Samarkand State Medical University, Samarkand. Uzbekistan

Annotation: *The World Health Organization announced that the spread of the COVID-19 coronavirus has reached the pandemic stage worldwide since March 2020, and the virus has covered all continents in a short period of time. This was announced by Tedros Gebreyesus, the director general of the organization. In this regard, he said: "We have come to the conclusion that the current situation related to the infection of the coronavirus, COVID-19, can be called a pandemic." A pandemic is a mass disease outbreak (epidemic) that covers several countries around the world and infects thousands of people. Thousands of people are fighting for their lives in hospitals. WHO is assessing the situation day and night. The whole world is worried about the rapid spread of the virus.*

COVID-19 Corona viruses (type of Betacoronaviruses) - mainly birds, cats, dogs, large horned animals and pigs are infected, the causative agent is a family of RNA-storing viruses, as of 2020 there are 40 types of them. From the moment of the emergence of COVID-19, the department of infectious diseases, respiratory medicine, resuscitation and intensive care, medical laboratory, radiology, ultrasound diagnostics, pharmacy, traditional Chinese folk medicine, psychology, respiratory therapy, rehabilitation, dietology, nursing and other medical branches a group of experts consisting of doctors was formed. A cross-industry complex mechanism in the format of video conferencing was created, which allows doctors to discuss and advise on patients' conditions for diagnosis and treatment, in and out of isolation rooms. These capabilities allow doctors to use complex and individualized strategies for each patient, even in severe and severe cases, and the advantage of providing offline conclusions has expanded the possibilities of treatments in treatment. Despite this, there have been cases where patients who experienced a mild form of COVID-19 died due to various complications of the disease due to non-observance of quarantine rules. Of these, brain complications were observed due to acute blood circulation disorders in the soft tissues of the face-jaw area. During the pandemic, reports of patients with acute blood circulation disorders and neuralgic pains were recorded as a complication of the disease in the soft tissues of the face-jaw area and oral mucosa.

The purpose of the investigation: to analyze the processes occurring in the face-jaw area and mucous membranes of the oral cavity of patients suffering from COVID-19 infection and to study their complications.

Materials and methods: among patients with COVID-19 infection, among patients treated in specialized hospitals: various pathological changes observed in the mucous membranes of the maxillofacial area and oral cavity of 26 patients who were followed up by

maxillofacial surgeons during 2020 were studied. As a complication of the disease, thrombophlebitis of facial veins, thrombosis, as a result of which, diffuse ischemia in the area of soft tissues, necrosis process was observed in the undereye, nose wing, lung, skin and mucous membranes.

Examination results: In the initial period of the disease, all patients who applied were examined by several narrow specialists and intensive treatment was carried out. 14 of the patients under observation (53.8%) had ischemia and limited necrotic processes due to various degrees of blood circulation disorders in the right and left undereye, upper lip, lung, skin and mucous membranes. Among them, 4 (28.5%) patients developed a defect due to increased necrosis in the skin of the nose wing and upper lip. 5 out of 26 patients who applied (19.2%) died as a result of cerebral cavernous sinus thrombosis.

Conclusion: In the late stage of the disease of patients suffering from the infection of KOVID-19 and recovered, as a result of accumulation of deposits in the mucous membranes of the face and oral cavity and disruption of metabolic processes, the processes of ischemia and necrosis occur in the mucous membrane and soft tissues of this area. When referring to specialists in the early stages of the disease, uncomplicated healing of the disease and deformations and defects in the tissues of the face-jaw area can be prevented.

LITERATURE:

1. Temporary guidelines. "Prevention, diagnosis and treatment of novel coronavirus infection (COVID-19)" Version 7 (06/03/2020)
2. National Center for Immunization and Respiratory Diseases (NCIRD), Division of Viral Diseases; "Overview of the 2019 Novel Coronavirus (2019-nCoV)". February 1, 2020
3. Oksana Kalnina "Coronavirus. Survival Guide" 2020.
4. Sugraliev A.B. "Thrombo-inflammatory syndrome in COVID-19. The place and role of anticoagulant therapy in the treatment of COVID-19". Zh.Medicina (Almaty) - 2020]
5. Laboratory testing for 2019 novel coronavirus (2019-nCoV) in suspected human cases Interim guidance 17 January 2020. Laboratory testing for 2019 novel coronavirus (2019-nCoV) in suspected human cases Interim guidance 17 January 2020.
6. Исхакова, З. Ш., Исхакова, Ф. Ш., Нарзиева, Д. Б., Абдуллаев, Т. З., & Фуркатов, Ш. Ф. (2023). ИСПОЛЬЗОВАНИЕ ОСТЕОГЕННОГО МАТЕРИАЛА ДЛЯ ЗАМЕЩЕНИЯ ПОЛОСТНЫХ ДЕФЕКТОВ ЧЕЛЮСТЕЙ. *FORMATION OF PSYCHOLOGY AND PEDAGOGY AS INTERDISCIPLINARY SCIENCES*, 2(15), 43-48.
7. Хазратов, А. И., Абдуллаев, Т. З., Фуркатов, Ш. Ф., & Нарзиева, Д. Б. (2023). ОСОБЕННОСТИ ТЕЧЕНИЯ ТУБЕРКУЛЁЗА У ПОДРОСТКОВ. *PEDAGOGICAL SCIENCES AND TEACHING METHODS*, 2(19), 87-94.
8. Rizaev, J. A., Rustamova, D. A., Khazratov, A. I., & Furkatov, S. F. (2022). THE NEED OF PATIENTS WITH SYSTEMIC VASCULITIS AND CORONAVIRUS INFECTION IN THE TREATMENT OF PERIODONTAL DISEASES. *Applied Information Aspects of Medicine (Prikladnyye informacionnye aspekty mediciny)*, 25(4), 40-45.

9. Rizaev, J. A., Khazratov, A. I., Furkatov Sh, F., Muxtorov, A. A., & Ziyadullaeva, M. S. (2023). CLINICAL AND RADIOLOGICAL CHARACTERISTICS OF PERIODONTIC INTERWEAVES IN PATIENTS WITH CHEW RECESSIONAL. *European Journal of Interdisciplinary Research and Development*, 11, 36-41.

10. Bekmuratov L. R. et al. CARDIOVASCULAR DISEASES IN PATIENTS WITH DIABETES MELLITUS //TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI. – 2023. – Т. 3. – №. 1. – С. 193-198.

11. Ахмедов А. А., Фуркатов Ш. Ф. ОПРЕДЕЛЕНИЕ ЭФФЕКТИВНОСТИ И БЕЗОПАСНОСТИ ПЛАНОВОЙ МЕСТНОЙ АНЕСТЕЗИИ У ПАЦИЕНТОВ С АРТЕРИАЛЬНОЙ ГИПЕРТЕНЗИЕЙ //Актуальные проблемы теоретической и клинической медицины. – 2022. – №. 1. – С. 145-147.

12. Зоиров Т., Ярашова Ш., Фуркатов Ш. Микробиологическое исследование содержимого периапикальных и краевых тканей при обострении хронического периодонтита //Дни молодых учёных. – 2022. – №. 1. – С. 234-235.

13. Sh, A. Sodikova, F. Furkatov Sh, and N. A. Kholbaeva. "Optimization of therapeutic and preventive measures for periodontal diseases of pregnant women with iron deficiency anemia." (2022).

14. Akhmedov A. A., Furkatov S. F. To determine the effectiveness and safety of planned local anesthesia in patients with arterial hypertension //Актуальные проблемы теоретической и клинической медицины. – 2021. – Т. 31. – №. 1. – С. 145-147.

15. Ярашова Ш. И., Фуркатов Ш. Ф. СОВРЕМЕННЫЕ АСПЕКТЫ КОМПЛЕКСНОЙ СТОМАТОЛОГИЧЕСКОЙ РЕАБИЛИТАЦИИ ПАЦИЕНТОВ С ДЕФЕКТАМИ ЧЕЛЮСТНО-ЛИЦЕВОЙ ОБЛАСТИ //Редакционная коллегия. – С. 126.

16. Sodikova S. A., Sh F. Furkatov, NA Kholbaeva." //Optimization of therapeutic and preventive measures for periodontal diseases of pregnant women with iron deficiency anemia. – 2022.