

CLINICAL MANIFESTATION OF AIDS IN THE ORAL CAVITY

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Annotation: The specificity of the clinical picture of HIV-associated lesions of the oral mucosa at each stage of HIV infection has been studied. Lesions of the oral mucosa at different stages of HIV infection have been studied. The study included more than 700 HIV-infected people aged 18-60 years. It has been shown that these lesions largely depend on the degree of immunosuppression. These lesions largely depend on the degree of immunosuppression, and their severity increases as the stage of the disease progresses.

Key words: HIV, AIDS, HAAT, the mucous membrane of the oral cavity

Abstract: Since the early 1980s, various lesions of the oral mucosa (COPD) have been reported in patients with HIV/AIDS. Some of these lesions were the first manifestations of AIDS in homosexual men, which were reported by the US Centers for Disease Control in 1986 and 1993 [1]. Currently, the World Health Organization (WHO) considers to be an important diagnostic criterion for HIV infection. When the HIV status of the patient is unknown and laboratory diagnosis of HIV infection is difficult, lesions of the can serve as an indicator of the presence of HIV infection in the patient. These lesions are directly correlated with the number of CD4 cells and high levels of the virus in the blood [2]. Thus, the mucous membrane of the oral cavity lesions are clinical markers of HIV viremia and pressure on the immune system associated with the progression of HIV infection [3]. The study of therapeutic and diagnostic aspects of lesions of the oral mucosa in HIV infection is an urgent problem for dentists and infectious diseases specialists. This is due to the fact that AIDS-associated lesions of the oral mucosa occur at almost all stages of the disease, have important diagnostic and prognostic significance, are included in disease classification schemes, change the overall clinical picture of the disease, affect the course of the disease and the quality of life of infected patients. [4, 5, 6]. The expansion of research in this area is due to the fact that the traditional symptom complex of HIV-associated COPD has changed significantly in the context of highly active antiretroviral therapy (HAAT). Although various studies have shown a decrease in AIDS-associated lesions of the oral cavity against the background of HAART, the immunological effects of antiviral therapy do not provide reliable protection against lesions caused by human papillomavirus. Lesions of the organs and tissues of the oral cavity are often the first sign of the progression of HIV infection and the transition from an asymptomatic

course to AIDS. The aim of the study was to study the features of clinical manifestations of HIV-associated oral cavity lesions at different stages of immunosuppression. Materials and methods of the study Analyzed the data of a comprehensive dental examination of 759 HIV-infected patients (463 women, 296 men, age 18-60 years) - patients of the Sverdlovsk Regional Center for the Prevention and Treatment of HIV infection. The state of COPD in HIV-infected patients was assessed on the basis of dental, microbiological, bacteriological and histological examination data. The data of dental, microbiological, bacteriological and histological examinations were evaluated. Depending on the immune status, HIV-infected patients were divided into three groups: 1 I (206 WI) - the number of CD4 cells 500-300 kl/μl; 2 I (196 WI) - the number of cells 300-100 kl/μl; 3 I (54 WI) - <100 kl/μl. Results of the study, 36.5% of HIV-infected patients of group 1 were diagnosed with various forms of candidiasis of COPD: stomatitis - in 16.5%, acute pseudomembranous candidiasis - in 8.0%, erythematous candidiasis - in 12.0%. Microbiologically, HIV-associated candidiasis was caused by rare species of fungi of the genus Candida: C. sake, C. dubliniensis, C. glabrata and C. krusei; viral papillomas of COPD were detected in 11% of HIV-infected people, chronic nonspecific sialadenitis and adenoorchitis - in 52%. Group 2. Hairy leukoplakia of the tongue was detected in 13.0% of HIV-infected patients of group 2, chronic hyperplastic candidiasis in 9.0%, chronic herpetic stomatitis in 17.5%, recurrent aphthous stomatitis in 22.0%. Kaposi's sarcoma and non-Hodgkin's lymphoma were detected in 9.0% and 4.5%, respectively. 50.0% of HIV-infected patients in group 3 had severe periodontal diseases: moderate to severe periodontitis (72.0%) and ulcerative necrotizing stomatitis (14.0%). HIV-associated lesions of the periodontal complex were characterized by an invasive course, and in a bacteriological study by a high prevalence of pathogenic anaerobic microflora (*Bacillus fusiformis*, *Clostridium multiforme*, *Borrelia Vincetti* and *Borrelia buccalis*).

Conclusion: Thus, the clinical features of HIV-associated lesions of the oral mucosa are largely determined by the degree of immunosuppression, the severity of which increases with the progression of the disease.

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 //TA'LIM VA RIVOJLANISH TAHLILI 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 УЛУЧШЕНИЯ 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. – T. 14. – №. 4.
20. Xusanovich C. F. COMPLETE REMOVABLE PROSTHESIS SUPPORTED BY IMPLANTS //European International Journal of Multidisciplinary Research and Management Studies. – 2023. – T. 3. – №. 11. – C. 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. – T. 3. – №. 11. – C. 122-126.
22. Najmiddinovich S. N. et al. CARIES IN SCHOOL CHILDREN AND TREATMENT PREVENTIVE MEASURES //American Journal of Pedagogical and Educational Research. – 2023. – T. 16. – C. 44-49.
23. Khusanovich K. B. R. C. F. TYPES AND APPLICATIONS OF DENTAL COMPLIMENTS //Journal of Modern Educational Achievements. – 2023. – T. 5. – №. 5. – C. 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