

«Approved»
 Head of department
 microbiology, virology,
 immunology with a course of
 clinical microbiology
 Stepanenko I.S.

Protocol № 1 от 26.08.2024.

**Calendar-thematic lesson plan of lecture type
 in the discipline "Microbiology, Virology - Microbiology of the oral cavity"
 for students in the educational program
 specialist in the specialty 31.05.03 Dentistry,
 focus (profile) Dentistry,
 Full-time form of education
 for 2024-2025 academic year**

End of semester – 20.12.2024

№	Lecture-type topics	Лектор	Даты
1	Medical microbiology and virology: the subject, goals, tasks. Systematics and nomenclature of microorganisms. Morphology, ultrastructure and chemical composition of microorganisms. Morphology of microorganisms living in the oral cavity.	PhD Timofeeva A.S.	2 10.09
2	Physiology of microorganisms. Nutrition and respiration of bacteria. The main groups of bacteria that live in the mouth. Growth and reproduction of bacteria. Bacteriological method of research.	PhD Timofeeva A.S.	2 24.09
3	Morphology and physiology of viruses. Classification. Structure. Interaction with the cell. Cultivation of viruses.	PhD Timofeeva A.S.	2 08.10
4	Fundamentals of sanitary microbiology: the microflora of water, air, soil. Sanitary-indicative microorganisms of water, air and soil. Determination of the microbial number in dental offices.	PhD Timofeeva A.S.	2 22.10
5	Influence of environmental factors on microorganisms. Effects of physical, chemical and biological factors. Sterilization and disinfection. Aseptic and antiseptic. Use of sterilization methods in dentistry.	PhD Timofeeva A.S.	2 05.11
6	Normal microbiota of the human body, its formation and formation. Formation of microbial associations of plaque. Resident microbiota of the oral cavity, the main representatives, their properties. The mechanism of formation of dental plaque, the role of microorganisms. The role of normal microbiota of the oral cavity	PhD Timofeeva A.S.	2 19.11
7	Theory of infection. Forms of infection and their characteristics. Features of the course of infections of the maxillofacial region. Conditions of infection and the route of transmission of the pathogen. Pathogenetic factors of bacteria.	PhD Timofeeva A.S.	2 03.12

