

## **Investigation of the relation between dental caries and normal microbial flora of oral cavity**

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Oral Microflora has numerous organisms which include Bacteria, Fungi, Protozoa mostly and rarely virus. Among these organisms, bacteria play a vital role in causing diseases. The Human oral cavity contains numerous habitats such as teeth, cheeks, tongue, gingiva, palates that are colonized by bacteria. The microflora in oral cavity has the capacity to defense and plays an important role in healthy oral environment and if the microflora in the oral cavity rises then it leads to the development of caries and dental diseases.

The purpose of the study was to prepare, on the basis of literature data, manuals for english-speaking students on the topic “dental microbiology” and "normal microflora of the oral cavity"

A literature analysis of depth of six years is carried out. As a tool for preparing the manual, a text editor and a program for preparing presentations were used.

Modern data on the quantitative and qualitative composition of the oral microflora have been systematized, visual aids on the specific composition of the microflora, the role of the main representatives in the development of caries have been developed. Gram positive Gram Negative Cocci Rods Cocci Rods Abiotrophia Actinomyces Moraxella Campylobacter Peptostreptococcus Bifidobacterium Neisseria Capnocytophaga Streptococcus Corynebacterium Veillonella Desulfobacter Stomatococcus Eubacterium Desulfovibrio Lactobacillus Eikenella Propionibacterium Fusobacterium Pseudoramibacter Haemophilus Rothia Leptotrichia

The prepared visual aids will help to deepen the knowledge of students on the subject, three tables-presentations are introduced into the educational process of the Department of Microbiology, Virology, Immunology.