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IMPACT "LECITHIN-2" FOR THE DEGREE OF DYSBIOSIS ORAL HEALTH OF
STUDENTS WITH HIGH CARIES INTENSITY

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The aim of the study was to investigate the influence of the drug "Lecithin-2" containing calcium citrate and lecithin as a source of phosphorus, the degree of dysbiosis oral health of students with a high intensity of dental caries.

Materials and methods. Of the surveyed students, aged 19-24, were allocated into two groups: basic - 51 patients with high caries intensity, control - 18 healthy patients without severe dental and somatic pathology. The control group received only standard therapy, which included the planned rehabilitation of the oral cavity. Patients of the main groups except for basic treatment from the first day the survey received the drug "Lecithin-2" production PPA "Odessa Biotechnology" (TU 15.8-13903778-82-2000) for 30 days, three times a day for half an hour before meals and 1 tablet before complete resolution of the oral cavity. Patients in the first day of the test, and then a month later collected unstimulated saliva. Selecting of biochemical parameters oral fluid was due to the fact that it was her state largely determines the pathogenesis of caries. In the supernatant was determined urease activity (indicator of microbial contamination) and lysozyme (a measure of non-specific immunity). As the ratio of relative activities of urease and lysozyme calculated degree of dysbiosis mouth.

The results of the study. As shown by the study, all patients with caries significantly increased the urease activity and reduce the activity of lysozyme. Taking the drug "Lecithin-2" significantly reduced urease activity and, consequently, the degree of microbial contamination of the oral cavity, and this may be due to a stimulating effect of the drug on the activity of lysozyme.

Conclusions. As a result of our research found that young adults with high caries intensity observed the development of oral dysbiosis. Drug "Lecithin-2" has a normalizing effect on the oral microbiocaeosis and mineralizing capacity of saliva. To maintain normal potential in the oral cavity should be implemented course intake of the drug "Lecithin-2" at least twice a year.