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## SANITARY AND HYGIENIC ASSESSMENT OF THE CONDITIONS OF THE INTERNAL EDUCATIONAL ENVIRONMENT OF MEDICAL INSTITUTION OF HIGHER EDUCATION

Serheta Ihor Volodymyrovych<sup>1</sup>, Khrychikov Denys Oleksandrovich<sup>2</sup>

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1. Doctor of Medical Sciences, Professor, Director of the Educational and Research Institute of Public Health and Biology, Disease Control and Prevention

*National Pirogov Memorial Medical University, Vinnitsya, UKRAINE*

2. Postgraduate student of the Department of General Hygiene and Ecology

*National Pirogov Memorial Medical University, Vinnitsya, UKRAINE*

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Implementing an in-depth assessment of the peculiarities of the conditions of stay and, above all, the housing and household and medical and social conditions of life and the implementation of educational (professional) activities of students is an integral component of scientific research aimed at identifying risk factors for the development of negative shifts in the adaptive resources, the formation of phenomena of educational and professionally significant maladaptation [1, 2, 3, 4].

The aim of the study was to carry out a comprehensive sanitary and hygienic assessment of the conditions of the internal educational environment of a medical higher education institution.

The study was conducted among 2nd and 3rd year students of the Medical Faculty of National Pirogov Memorial Medical University based on the use of generally accepted methods in hygienic practice. So, to conduct sanitary and hygienic assessment of the microclimate parameters of educational premises and premises of permanent stay of students in extracurricular conditions, in particular in student dormitories and in home apartments, the features of the temperature regime, humidity and air velocity were studied. Determination and subsequent sanitary and hygienic assessment of the degree of effectiveness of natural ventilation of premises was carried out during breaks before the start of classes in a higher educational institution and after airing of educational premises, as well as at home or in dormitories based on the assessment of the carbon dioxide content

in the air. The effectiveness of artificial ventilation in educational laboratories equipped with air conditioners was determined in a similar way.

Hygienic assessment of the features of natural lighting was carried out using descriptive, geometric (determination of the light coefficient, angles of incidence, opening and shading, depth coefficient, etc.) and lighting (determination of the coefficient of natural illumination) methods. Hygienic assessment of the features of artificial lighting was carried out based on the application calculation (determination of indicators of uniformity and specific power of lighting) and lighting (determination of the level of illumination of workplaces of the premises) methods.

The results obtained convincingly determined the fact that the conditions for the implementation of educational activities of students studying medical specialties in a modern higher educational institution are characterized by the absence of significant deviations from existing hygienic requirements, are the same type and are completely comparable, allowing us to clearly and clearly identify the main patterns of the influence of various hygienic approaches on the creation of a preventive educational environment in medical higher educational institutions that carry out theoretical and practical training of future specialists in the profile.

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