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WORKING CONDITIONS OF MEDICAL PERSONNEL IN THE MAIN MODERN MEDICAL SPECIALTIES: HYGIENIC CHARACTERISTICS

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The data of numerous scientific studies convincingly emphasize that any place of direct professional activity represents an extremely complex multifunctional system of socio-economic, psychological-pedagogical, psycho-emotional, personal and sanitary-hygienic factors that have a significant impact on the daily life of employees for a sufficiently long time. Moreover, the primary prevention of adverse changes on the part of various functional systems of the body, which may take place, should begin with the process of optimizing the sanitary and hygienic conditions of the microenvironment in which a person lives [1, 2, 3, 4, 5, 6]. It should also be recognized as very important the fact that the implementation of a comprehensive assessment of the specifics of the impact of the factors of the professional environment on the organism of employees makes it possible to establish a fairly clear connection between the characteristics of the environment and its main physiological constants, which react in response to their influence, especially if its degree exceeds the value of the maximum permissible values and can lead to the development of quite serious changes [3, 6]. In the course of the conducted research, a comparative study of the working conditions of nurses of therapeutic and surgical departments, doctors of a therapeutic and surgical profile, family and military doctors – types of medical profession that are the most common or differ significantly in their fundamental characteristics was conducted.

To study the working conditions of medical personnel in the above-mentioned specialties, they used the modern hygienic classification of work based on indicators of the harmfulness and dangerousness of the factors of the production environment, the difficulty and tension of the labor process. The specified classification is based on the principle of differentiation of working conditions depending on the actually determined levels of factors of the professional environment in comparison with sanitary norms, rules and hygienic standards and, therefore, provides an opportunity to carry out a comprehensive study of the peculiarities of the impact of aggregates of factors of the industrial environment on the state of health and working capacity of a person under time of professional activity.

The study carried out a comprehensive analysis of the peculiarities of working conditions in the main medical specialties according to data on the content of harmful substances in the air of the working area, the level of noise and vibration, the characteristics of the microclimate, biological factors, indicators of the difficulty and intensity of the labor process, etc.

The obtained data made it possible to establish both the common features of the conditions of performance of professional activities and to note that the working conditions of employees differed significantly from each other according to a number

of indicators in accordance with the profession and the immediate place of work (inpatient department, primary medical center social assistance, field hospital, etc.).

As a result of the research, it was found that according to the hygienic classification of the work of medical workers based on indicators of harmfulness and dangerousness of the factors of the industrial environment, the difficulty and tension of the labor process, the working conditions of the nurse of the therapeutic department should be classified as class III of the 2nd degree of harmfulness according to the chemical factor, working conditions a nurse of a surgical department – up to III class 2 degree of harmfulness according to the chemical factor and indicators of labor difficulty, working conditions of a doctor of therapeutic and surgical profile, as well as a family doctor – up to III class 3 degree according to indicators of labor intensity, working conditions of a military doctor – up to III class 3 degrees according to indicators of difficulty and intensity of work.

Thus, the work of medical workers is associated with the influence of harmful factors of the industrial environment. Their influence is complex and should not be considered from the point of view of the sum of the influences of factors of different nature. It is true that this complex influence of factors of the external environment is different for the studied specialties, but even in a complex these factors create harmful working conditions for medical workers, and with regard to the work of a military doctor in military conditions, this influence can reach a dangerous level and even pose a threat to the life of a medical worker. employee

Based on this, it is necessary to emphasize the need to create optimal sanitary and hygienic working conditions for medical workers in order to prevent the occurrence of adverse changes in the functional systems of the body of specialists.

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