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THE ROLE OF PHYSICAL EDUCATION AND SPORTS IN MEDICAL EDUCATION

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Annotation: This article examines the role and significance of physical education and sports in the system of medical education. The study highlights the importance of physical activity in strengthening students' health, improving their professional competence, and developing psychological stability. The influence of physical education on students' physical fitness, healthy lifestyle formation, discipline, leadership, and teamwork skills is analyzed. In addition, the article discusses the importance of preventive medicine and the necessity of implementing modern pedagogical approaches in organizing physical education classes in medical institutions. The research also identifies current problems and provides recommendations for improving the effectiveness of physical education and sports in medical education.

Keywords: medical education, physical education, sports, healthy lifestyle, physical activity, students' health, professional competence, preventive medicine, psychological stability, sports activities, healthy development, medical students.

Today, the issues of social development, human health, and strengthening the nation's gene pool are considered among the most urgent tasks worldwide. In particular, the promotion of a healthy lifestyle, the increase of physical activity, and the comprehensive upbringing of young people have become priorities of state policy. From this perspective, the role and importance of physical education and sports in medical education are invaluable. Future medical professionals, who are responsible for protecting public health and human life, must themselves be physically strong, mentally stable, and committed to the principles of a healthy lifestyle. Medical education includes not only theoretical knowledge but also the development of students' general culture, moral values, professional competence, and physical fitness. Modern medicine requires a high level of intellectual work, concentration, and endurance to withstand prolonged physical and psychological stress. Therefore, the effective organization of physical education and sports activities in medical higher educational institutions is of great importance for students' future professional activities. Physical education plays a significant role in expanding the functional capabilities of the human body, improving motor activity, strengthening immunity, and preventing various diseases. Especially today, when inactivity, unhealthy nutrition, stress, and excessive dependence on information technologies are increasing among young people, the importance of physical education has become even greater. Due to the heavy academic workload in medical institutions, students often experience fatigue, nervousness, and decreased physical activity. Physical education and sports serve as effective means of overcoming these problems.



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Moreover, physical education and sports help students develop discipline, willpower, teamwork skills, responsibility, and leadership qualities. These are essential characteristics for successfully performing medical duties in the future. Medical professionals must always possess a strong sense of responsibility, the ability to make quick decisions, and effective communication skills.

In recent years, the Republic of Uzbekistan has also been implementing large-scale reforms aimed at developing physical education and sports and promoting a healthy lifestyle among the population. Special attention is being paid to improving sports infrastructure, organizing sports clubs in educational institutions, and increasing the number of mass sports events. Medical educational institutions actively participate in this process. In particular, medical universities have introduced measures aimed at improving students' physical fitness, involving them in sports activities, and developing healthy lifestyle habits. Another important aspect of physical education and sports in medical education is that it broadens students' understanding of preventive medicine. Modern medicine focuses not only on treating diseases but also on preventing them. Physical exercise is considered one of the most natural and effective ways to preserve and strengthen human health. Therefore, medical students should possess deep knowledge about the influence of physical education on the human body, the physiological basis of exercises, and the importance of a healthy lifestyle. In the context of globalization, factors negatively affecting human health are increasing rapidly. Environmental problems, stressful situations, hypodynamia, and harmful habits pose serious threats to public health. For this reason, physical education and sports are considered not only a part of education but also an important component of human life. Especially within the system of medical education, the significance of this subject is even greater, as it contributes to students' physical, moral, and professional development.

It should be emphasized that the effective organization of physical education classes in medical education requires the use of modern pedagogical technologies, innovative approaches, and individual methods. Organizing activities according to each student's physical abilities, health condition, and interests increases their motivation toward sports and helps achieve higher results. The relevance of this topic lies in the fact that today the role of physical education and sports in increasing students' physical activity, promoting a healthy lifestyle, and preparing them for professional activity in medical educational institutions is steadily growing. At the same time, the physical and psychological stability of medical professionals directly influences the quality of healthcare services provided to the population. The purpose of this study is to examine the importance of physical education and sports in medical education, as well as their impact on students' health, professional preparation, and personal development. In addition, it aims to analyze the role of physical education within the medical education system and to develop recommendations for improving its effectiveness.

During the research process, the theoretical and practical aspects of physical education and sports in medical education will be analyzed, students' attitudes toward physical activity and healthy lifestyles will be studied, and existing problems and their



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possible solutions will be discussed. As a result, scientifically based conclusions and recommendations for improving physical education and sports in medical educational institutions will be developed.

In conclusion, physical education and sports in medical education play an important role not only in students' physical development but also in shaping their professional competence, psychological stability, and healthy lifestyle habits. Therefore, organizing this subject according to modern requirements and improving its content and methods remain among the most important tasks of today.

REFERENCES:

1. Jahon sog'liqni saqlash tashkiloti. *Global Action Plan on Physical Activity 2018–2030: More Active People for a Healthier World.* – Jeneva, 2018.
2. YUNESKO. *Quality Physical Education Guidelines for Policy-Makers.* – Parij, 2015.
3. Foundations of Physical Education, Exercise Science, and Sport. – New York: McGraw-Hill Education, 2019.
4. Exercise Physiology: Nutrition, Energy, and Human Performance. – Philadelphia: Wolters Kluwer, 2018.
5. O'zbekiston Respublikasi Oliy ta'lim, fan va innovatsiyalar vazirligi. *Oliy ta'limni rivojlantirish strategiyasi.* – Toshkent, 2020.
6. O'zbekiston Respublikasi Sog'liqni saqlash vazirligi. *Sog'lom turmush tarzi va aholi salomatligi dasturlari.* – Toshkent, 2021.
7. Jismoniy tarbiya nazariyasi va metodikasi. – Toshkent: O'qituvchi, 2017.
8. Sport tibbiyoti bo'yicha ilmiy tadqiqotlar va maqolalar.
9. Profilaktik tibbiyot bo'yicha adabiyotlar va ilmiy manbalar.
10. Xalqaro sport tibbiyoti federatsiyasi. *Physical Activity and Health Recommendations.* – 2020.

