

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
МІНІСТЕРСТВО ОХОРОНИ ЗДОРОВ'Я УКРАЇНИ
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ПРИРОДНИЧИХ ДИСЦИПЛІН
У МЕДИЧНИХ ОСВІТНІХ ЗАКЛАДАХ**

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One of the central tasks of teachers is to provide an educational process based on modern teaching methods and the principles of lifelong learning. For this purpose, it is important to integrate traditional approaches with innovative methods, such as simulation training, the use of digital platforms and distance technologies.

Successful educational activity of medical university teachers requires a high level of professional competence (Шепітько та ін., 2020) . This includes:

- deep knowledge in the subject area;
- ability to adapt to rapid changes in science and education;
- ability to motivate students and develop their creative potential.

In working with future doctors, special attention should be paid to shaping their social roles, developing their spiritual and moral qualities and ability to self-reflection (Гребеник, 2013). In this process, a key role is played by the personal model of behavior of the teacher as a role model for students.

One of the challenges for teachers is the high workload that results from combining teaching, research and educational work (Мазур, 2022). Such multifunctionality requires short-term and long-term memory, emotional stability and the ability to work under constant stress.

Another important problem is the insufficient psychological and pedagogical training of medical teachers. Specialized capacity building programmes that take into account the specifics of medical education are needed to improve their competence.

Conclusions.

The role of the medical school professor in the modern era goes beyond purely educational activities. They are expected not only to impart knowledge, but also to act as mentors who contribute to the overall development of students. The professional development of teachers depends on their ability to use innovative approaches, maintain high motivation for personal development and work closely with students.

Therefore, raising the level of psychological and pedagogical training of teachers is one of the key tasks in ensuring high quality of medical education. This will contribute to the formation of a new generation of healthcare professionals capable of successfully meeting the challenges of the modern world.

PROSPECTS FOR THE IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE IN MODERN MEDICINE

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According to literary and scientific data, computer and information progress with the implementation of artificial intelligence in medicine is becoming a promising component of modern healthcare (Vysotskyi et al., 2023). The concept of

‘artificial intelligence’ is currently seen as a combination of science and technology that allows a computer to perform functions inherent in humans: language understanding, learning, analysis, logical thinking, decision-making, individualized drug selection, etc.

Currently, modern artificial intelligence technologies are used in various fields of medicine to diagnose and analyse examination results; individualise treatment methods; develop medicines and new vaccines to fight diseases; identify and create risk groups for severe and chronic diseases; medical research and gene editing (a system for making changes to DNA), telemedicine, forecasting epidemics and pandemics; the emergence of new infectious diseases; and the creation of artificial internal organs and prosthetics using ada.

It should be noted that today's medical students are involved in mastering the most modern innovative information technologies, including attempts to use ChatGPT with artificial intelligence in preparation for the theoretical component of the disciplines. On the one hand, the training of medical specialists using modern information technologies will become the basis for the training of competitive doctors who will be able to master any modern components of computer and information progress, including technologies with the implementation of artificial intelligence in medicine, and on the other hand, the problematic question arises: is it appropriate to use artificial intelligence in the educational space in the training of medical specialists? We plan to answer this debatable question in the following publications.

THE IMPACT OF THE CASE STUDY METHOD ON THE ENGLISH FOR SPECIFIC PURPOSES COMPETENCE OF MEDICAL UNIVERSITY STUDENTS

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Using the case study method for communicative teaching of English for Specific Purposes (ESP) is one of the effective interactive learning strategies in higher medical educational institutions. In the conditions of distance and blended education, the communicative approach using the case study method promotes interactive communication in a foreign language through topics of professional activity (Davis and Wilcock, 2003; Bonney, 2015; Roell, 2019; Hidayati, 2021; Šelmić, 2021; Chaari, 2024, and others).

The purpose of the work is to analyze the impact of the case study method on the acquisition of ESP competencies by medical university students.

The design of an information and educational environment in ESP disciplines involves the use of cases (communication situations built on a real professional situation of doctor-patient communication, patient interviewing, filling out a medical history, providing doctor's recommendations to the patient, as well as activities in