

**PECULIARITIES OF TEACHING THE DISCIPLINE «ANATOMY» FOR  
APPLICANTS STUDYING UNDER THE EDUCATIONAL AND  
PROFESSIONAL PROGRAM «PARAMEDIC»**

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Annotation. Anatomy is a fundamental discipline that studies the form, structure, and position of parts and organs of the human body in unity with their functions. It is the first step in the training of future highly qualified paramedics. Considering their future professional duties, paramedics should have sufficient theoretical and practical training. When studying anatomy at the department of anatomy with clinical anatomy and operative surgery, 3D programs, and interactive anatomical tables are widely used in the educational process, which provides an opportunity for a deeper understanding of the body structure and creates conditions for further learning of clinical disciplines.

*Key words:* anatomy, paramedics, 3D programs. education.

Considering the difficult conditions in which our country finds itself today, the training of highly specialized medical personnel, particularly paramedics, plays a significant role. Paramedics are medical workers with a bachelor's degree in education and qualification who have a sufficient level of practical and theoretical training, which ensures the provision of a full range of emergency medical care to the patient at the pre-hospital stage, which is especially relevant at the moment, in connection with the war on the territory of Ukraine.

Considering the specifics of the future profession, paramedics must thoroughly acquire knowledge about the structure and functions of the human body. One of the first and most essential steps on the way to this is the study of such a fundamental discipline as anatomy, which is a significant stage for becoming a future medical worker of any specialty. The discipline "Anatomy" provides the student with the acquisition of knowledge in the light of natural-scientific ideas about the structure and functions of the human body as a whole, as well as the ability to use the acquired knowledge in the further study of other fundamental sciences of medicine, and the practical activities of a paramedic. The main task of anatomy as science consists of a systematic approach to describing the form, structure, and position (topography) of parts and organs of the body in unity with the performed functions, taking into account the age, gender, and individual characteristics of a person.

Even though anatomy belongs to theoretical disciplines, its study is the first step in forming clinical thinking when mastering the educational material in clinical departments. The educational process

at the department of Anatomy with Clinical Anatomy and Operative Surgery consists of lectures, practical classes, and independent work of students. Teaching anatomy at the current level is impossible without high-quality and realistic visual material [1, 68]. Therefore, high-quality anatomical textbooks and atlases (including English-language editions) are necessary for the educational process. Unfortunately, in Ukraine today, there is no textbook on anatomy for paramedics. Therefore, the team of authors of the department of Anatomy with Clinical Anatomy and Operative Surgery developed and prepared for publication the textbook "Anatomy" for students of higher education of the first (bachelor's) level of the field of knowledge 22 "Health care", specialty 223 "Nursing", who are studying - the professional program "Paramedic", which, in our opinion, will play a significant role in the quality training of future specialists. Although atlases have a high printing quality, printing cannot fully demonstrate the human body's actual "natural" structure. To solve this problem, the department has a unique museum, which includes many anatomical preparations that allow you to see the details of the natural structure of organs, to create a three-dimensional picture of the structure of organs and their mutual location. In addition, at the Department of Anatomy with Clinical Anatomy and Operative Surgery, 3D programs are added to the educational process, allowing you to consider each organ or system of the human body separately and in combination with others. These programs provide an opportunity to obtain images of various departments and anatomical systems; consider 3D models of anatomical structures and their parts; anatomical objects can move: approach, bend, turn, hide, etc. [1, 30]. All department classrooms have computers loaded with 3D programs, and the images are played on multimedia projectors. In addition, the department has two interactive anatomical tables that provide 3D visualization of various structural components of the human body. The teachers also actively add video materials and software for studying the subject of anatomy from the Internet to the educational process.

Thus, combining the components mentioned above in the educational process when studying anatomy ensures high-quality training for future paramedics, providing them with a sufficient amount of theoretical and practical training.

#### References

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2. Білаш С.М., Олійніченко Я.О., Коптев М.М., Проніна О.М., Пирог-Заказникова А.В. Дистанційне вивчення анатомії людини студентами стоматологічного факультету із нормативним терміном навчання під час карантину. Реалії, проблеми та перспективи вищої медичної освіти.

**ВПРОВАДЖЕННЯ ІНФОРМАЦІЙНО-КОМУНІКАЦІЙНИХ  
ТЕХНОЛОГІЙ З МЕТОЮ ФОРМУВАННЯ  
ЗДОРОВ'ЯЗБЕРЕЖУВАЛЬНОЇ КОМПЕТЕНТНОСТІ УЧАСНИКІВ  
ОСВІТНЬОГО ПРОЦЕСУ**

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Annotation. The importance of information and communication technologies as an element of the formation of health-saving competence of education seekers is considered. Attention is paid to the importance of the educational information environment in the educational process. On the basis of the conducted analysis, the importance of using information and communication technologies in the organization of the educational process in the educational institution was clarified. The importance of information and communication technologies for the development of health-preserving competence of education seekers, the organization of training, upbringing and development of youth has been established. It is emphasized that the methodically correct use of information and communication technologies contributes to the modernization of the process of formation of health care competence among students of education.

*Key words:* information environment, educational environment, educational institutions, information and communication technologies, information and communication competence, health care, health care competence, software, healthy lifestyle.

Сучасна освіта своєю метою має забезпечення актуальної реалізації виховної, дидактичної та розвивальної функцій освітнього процесу на засадах соціокультурного розвитку суспільства. Потрібно відмітити, що визначальною особливістю професійної діяльності викладача та вчителя є не лише виховання конкретних учнівських або студентських колективів, але й забезпечення формування здоров'язберігального та здоров'язвивального освітнього середовища [3]. Вищезазначене зумовлює розширення професійних функцій педагога. Предметом вказаного виду професійної активності педагога є, зокрема, всебічне сприяння процесу формування та розвитку соціально активної особистості, своєчасна та якісна активізація освітнього потенціалу соціуму для