

2. Особливу увагу слід звертати на розбір алгоритму дії при невідкладних станах, оскільки саме здобувач вищої освіти може допомогти врятувати пацієнта.

## **THE ROLE OF INNOVATIVE TECHNOLOGIES IN HIGHER EDUCATIONAL INSTITUTIONS OF UKRAINE**

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**Introduction.** Currently, introduction of the advanced approaches to the learning process is not just an experiment, but a necessity dictated by the modern requirements for specialists and their field of activity. Medicine is no exception. The up-to-date approaches to diagnosis and treatment, which have become possible as a result of scientific progress, require the medical professional to have not only technical skills, but also a comprehensive perception of medicine in which all mechanisms are closely interconnected with each other. The key to training an expert medical specialist is the advanced pedagogical methodologies that can provide both the proper theoretical grounds and practical skills of future physicians.

**Theoretical Framework.** The pedagogy considers innovation as «a systematic, purposeful and consistent introduction into practice of original, advanced methods, pedagogical techniques and means covering the educational process from determining its goal to expected learning outcomes». This is all useful, advanced and progressive that modern science can give at the junction of its various branches.

The main methodological requirements (criteria of technological effectiveness) that any pedagogical technology must meet are:

- conceptuality: the need not only for scientific, didactic justification, but also for psychological, philosophical and social substantiation. Only such an

approach will make it possible to reveal to students the close relationship between medical sciences and methods, and will create the preconditions for a comprehensive perception of medicine in general, improving the acquisition of learning material;

- consistency: an innovative conceptual technology must have all the features of the system (the logic of processes), the interconnection of all its components, and the overall integrity;

- efficiency: teaching technology should provide a high standard of training of the specialists in the conditions of the existed state-of-the-art technologies and scientific achievements, as well as be economically justified in terms of costs for the introduction of innovative teaching methods and, of course, corresponds to the time frame of the curriculum;

- management: involves the possibility of planning, design of educational processes, use of various tools for analyzing the effectiveness of the educational process at its various stages in order to correct it;

- visualization: the possibility of using video and audio materials, designing various didactic materials, using original teaching aids and devices [2, 4].

The classical and innovative approaches to education have always existed, competing with each other. In the traditional system of education, the following shortcomings are distinguished: authoritarianism, the dominance of the explanatory-illustrative type of education and, as a result, the lack of direct dialogue between teachers and students. In the modern world, the level and pace of international integration is constantly increasing. The modern education system in Ukraine has the ability to adopt the progressive experience of teachers from other countries. In the integration processes of education, it is very important to adopt all the best in the field of pedagogy, to correctly adapt foreign methods to our specifics of education and the mentality of a teacher and student.

Interactive technologies can aid the teacher in understanding the psychology and worldview of the student. These technologies are based on a direct dialogue

between a teacher and a student in the pedagogical process, leading to mutual understanding, collective definition of goals and objectives, tools and methods for their solution. The very concept of interactivity lies in the ability to make adjustments to the illustrative material, change and store the necessary frames or their fragments for further work. Research has proven that working with interactive whiteboards is really helpful in studies. It combines almost all the possibilities of traditional technical teaching aids: audio, visual, and audio-visual. That is why it is a fundamentally novel technical teaching tool. Interactive whiteboard software allows creating the unique methodological materials, assisting students to be actively involved in the learning process with the fastest acquisition of presenting information. The interactive whiteboard can facilitate the involvement of all students into an active work at the seminar and practical classes and perform individual and group tasks. The use of the advanced technical interactive tools contributes to a better acquisition of the learning material, both at lectures, practical classes, seminars, and during independent work.

Importantly, one of the main tasks of innovative pedagogy is to teach students how to acquire the skills of independent learning and knowledge search. In the contemporary, rapidly developing world, lifelong learning is a must for every physician, as well as for any other professional, including a teacher. The attitude of the student to the subject and to the teacher is crucial in the educational process.

**Conclusions.** Innovation activity is complex and specific. It requires an educator to have special knowledge, skills and the original comprehensive vision of the educational process and its goals. In the historical aspect, we see the emergence of the novel didactic means aimed at improving the current educational process and implementation of the state-of-the-art digital technologies in it. Given the above circumstances, pedagogical activity should combine the traditional methods, based on clinical experience, humanistic orientation, and the use of innovative didactic technologies.