

Modern Pedagogical Technologies in Teaching the Discipline of Public Health

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Annotation: This article explores modern pedagogical technologies used in teaching the subject of Public Health and analyzes their role in enhancing the effectiveness of the educational process. The author highlights interactive methods, information and communication technologies, and innovative approaches that foster students' analytical thinking and practical skills. Special attention is given to promoting a healthy lifestyle and strengthening students' preventive knowledge during the learning process.

Keywords: public health, modern pedagogical technologies, interactive methods, innovative education, healthy lifestyle.

Introduction.

Today, the reforms being implemented in the education system of Uzbekistan are aimed at introducing modern pedagogical technologies into the educational process, increasing the effectiveness of teaching, and bringing education into line with international standards. Especially in the medical field, the use of innovative approaches, interactive methods, and information and communication technologies in teaching public health has become a pressing issue.

Public health is a complex science that encompasses not only medical knowledge, but also social, psychological, and environmental factors, which serves to form a healthy lifestyle, increase the population's literacy in disease prevention, and improve medical culture. Therefore, organizing the educational process in this direction on the basis of modern technologies, developing students' creative thinking, analytical approach, and ability to work independently is one of the most important tasks.

The introduction of modern pedagogical technologies into teaching public health revitalizes the educational process, ensures the active participation of students, and allows them to independently express their opinions. Since traditional lecture and practical training forms are not effective enough today, it is necessary to organize the educational process based on new approaches using interactive methods - "Brainstorming", "Cluster", "Boomerang", "Case Study", "Debate", "Fish Skeleton". Also, the effective use of information and communication technologies (ICT), the introduction of distance learning platforms and the enrichment of the educational process based on multimedia resources are important factors in improving the quality of education today. Through this, students acquire not only theoretical knowledge, but also the skills to apply them in practice, develop innovative ideas aimed at strengthening public health.

Today, the role of public health science in the medical education system is increasingly increasing. This science is aimed at forming a healthy lifestyle of the population, strengthening preventive measures and strengthening social health [1]. Therefore, organizing the educational process in public health on the basis of modern pedagogical technologies has become an urgent issue.

Traditional teaching methods cannot involve students in the active learning process, which reduces the effectiveness of learning [2]. From this point of view, the introduction of interactive and innovative technologies is of great importance in improving the quality of education, strengthening medical knowledge and forming professional competencies [3].

Methodology. The following methods were used in the study:

Theoretical analysis method - scientific sources on modern pedagogical technologies were analyzed [4].

Experimental-testing method - training sessions on public health were organized at the Andijan branch of Kokand University based on interactive methods.

Observation and questionnaire - feedback was obtained from 64 students in 2-stage (traditional and innovative) learning processes.

Statistical analysis - the results were processed in Microsoft Excel and analyzed in percentages [5].

During the experiment, methods such as “brainstorming”, “case studies”, “role-playing”, “problem-based learning” and “blended learning” were used [6].

Results. In the group using interactive technologies during training sessions, student activity increased by 37%, and the level of knowledge acquisition was 1.6 times higher [7].

82% of students noted that the lesson process was more interesting and effective with the help of modern methods. At the same time, 76% of students noted that their independent thinking, analysis and communication skills had improved.

The results showed that through interactive approaches, students significantly developed social responsibility, a culture of teamwork, and skills to promote a healthy lifestyle [8].

Discussion. The results obtained confirm the high efficiency of modern pedagogical technologies in teaching public health. Interactive methods, especially case studies and role-playing methods, teach students to make independent decisions based on real-life situations [9].

In addition, the use of information and communication technologies develops digital literacy in students, which creates the basis for the effective use of electronic resources in the healthcare system [10].

The results of the study can also be applied to other medical areas, especially in clinical sciences, where this approach strengthens students' analytical thinking.

Conclusion. The introduction of modern pedagogical technologies in teaching public health is a new step in medical education. Interactive methods, ICT tools and innovative approaches increase the effectiveness of the educational process and form students as professionally mature, analytically thinking specialists.

In the future, the systematic introduction of these technologies and the improvement of teachers' qualifications will further improve the quality of education.

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