## ADVANTAGES OF NEW INNOVATIVE TECHNOLOGIES IN TEACHING MEDICINE BASED ON EVIDENCE

## Gamidov Seymur Shukurovich Khakimov Sarvar Abduazimovich

The introduction of information technologies into the medical education system of our republic is one of the important issues today. The introduction of new innovative technologies into the educational process also creates a number of conveniences for teachers and students of higher educational institutions. With the help of mastering special technology, it is possible to fully achieve the set goal.

The widespread introduction of highly effective educational technologies into practice encourages students to increase their capabilities and become highly qualified personnel. Modern interactive methods help students form logical, creative, critical, independent thinking, develop their abilities, become competitive, mature specialists, and cultivate the professional qualities necessary for a specialist.

The purpose of teaching the subject "Evidence-Based Medicine" to students in medical universities is to see that the number of offenses committed by medical workers has been increasing in recent years. For the effective, free activity of medical workers, along with professional skills, appropriate legal training is required. Therefore, the teaching of evidence-based medicine in the medical education system is of great importance.

When applying "New Pedagogical Educational Technologies" to practical classes in evidence-based medicine, practical classes at the Department of Public Health and Management are conducted using various directions of modern pedagogical technologies, the main ones of which are cognitive, heuristic, inversion, and integrative pedagogical technologies. Based on the technology used in the lesson, it allows students to develop initiative and independence, thorough and deep assimilation of knowledge, the necessary skills and abilities, their observation, thinking, memory, and creative imagination. In the process of teaching

## Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari

evidence-based medicine, the use of new pedagogical technology methods in practical classes, such as "Treasures Island," "Cluster," "Blitz-survey," "Assessment," "Step by step" and "Labyrinth," "Shooter," "Shop," is aimed at students' ability to work with various literature and texts during the lesson, outside the classroom, memorize the studied material, retell it, express their thoughts freely, and assess all students during one lesson. As can be seen from the foregoing, the use of innovative technologies in the lesson process expands the possibilities of future specialists for a deeper understanding of the general theoretical parts of the subject, the regularities of its structure, and the ability to supplement them. The importance of this is that it develops logical thinking in students. The earlier it begins, the more useful it will be to connect the knowledge of future specialists with the situations they will face in the future.

**Conclusion:** Teaching with the widespread use of modern pedagogical technologies has led to an increase in students' interest in science, regular preparation for classes, an increase in the ability to think independently using the Internet system, and, of course, an increase in the level of assimilation of evidence-based medicine.

## Literature

 Essential Evidence-Based Medicine. Second Edition. D.Mayer. Published in the United States of America by Cambridge University Press, New York. 2010. -411 p.

2. Маматкулов Б.М., Ла Морт, Н.Рахманова. Клиническая эпедемиология. Основы доказательной медицины, Т., 2011. (АҚШ, Бостон Университети билан ҳамкорликда). 231 б.

3. Маматқулов Б. Жамоат саломатлиги ва соғлиқни сақлашни бошқариш. Тиббиèт олий ўқув юртлари учун дарслик.- Т.: Илм Зиè ,2014.- 590 б.

4. Маматқулов Б., Адилова З., Мирзабаева С. Илмий текшириш ишларини амалиетда қуллаш (Далилларга асосланган тиббиет).- Т.: Ворис нашриети, 2015.- 80 б.

 Маматкулов Б.М.. Тиббиèт статистикаси (биостатистика) асослари. -Т., <u>https://journal-web.uz/</u>
16-to'plam 1-son fevral 2025 Yangi O'zbekiston taraqqiyotida tadqiqotlarni o'rni va rivojlanish omillari

2005., 140 б.

6. Khakimov, S. A., Gulyamov, D. E., & Salimova, M. R. (2024). Some Aspects of Diagnostic Activity of an Anesthesiologist. *International Journal of Integrative and Modern Medicine*, 2(4), 20-22.

7. Khakimov, S. A., & Salimova, M. R. (2024). CAUSES OF DEATH IN ASPHYXIA OF VARIOUS ORIGINS, POST-ASPHYCTIC STATES. *International Journal of Cognitive Neuroscience and Psychology*, 2(4), 8-11.

8. Khakimov, S. A., Gulyamov, D. E., & Salimova, M. R. (2024). THE ROLE OF NARCOTICS AND PSYCHOTROPHIC SUBSTANCES IN SOCIETY. *Web* of Medicine: Journal of Medicine, Practice and Nursing, 2(4), 58-61.

9. Хакимов, С. А. (2022). Турли жинс вакилларида тугалланмаган асфиксиянинг суд тиббий жиҳатлари.

10. Abduazimovich, X. S., & Asamutdinovich, G. Z. (2022). Postasfiktik holatlarni sud-tibbiy tavsifini baholashni asoslash algoritmi.

11. Shakirov, Z. S., Khakimov, S. A., Kadirova, G. K., Abdullaev, A. K., & Khalilov, I. M. (2020). The influence of nodule bacteria and Azospirillum on the growth and development of Onobrychis plants. *Research Journal of Biotechnology*, *15*(3), 1-6.

12. Khakimov, S., Salimova, M., & Razikova, A. (2023). THE ROLE OF FORENSIC MEDICINE IN TRAINING QUALIFIED DOCTORS IN THE FUTURE. *Science and innovation in the education system*, 2(11), 102-104.

Гиясов, З. А., Назарова, М. М., Бахриев, И. И., Хакимов, С. А., & Вафоев,
Б. (2019). К вопросу экспертной оценки медицинской помощи детям и подросткам.