

NEWSLETTER



ABOUT THE PROJECT

The "Future of Healthcare" project is an international initiative focused on the development of modern solutions in the healthcare sector. The project's primary goal is to increase digital literacy among vocational trainees, academic staff, and medical professionals. As part of the project, partners from Ireland, Czech Republic, Poland, Italy and Turkey are collaborating to create innovative educational materials, digital tools, and training programs. These activities aim to adapt healthcare systems to the challenges of the 21st century, such as an aging population, growing demand for medical services, and rapid technological development. The project is led by MTU (Ireland), cofinanced by the European Union and represents an important step towards building modern, accessible, and effective healthcare.

WHY IT IS IMPORTANT

The healthcare sector is currently undergoing an intensive digital transformation.

Modern technologies such as artificial intelligence, data analysis, and telemedicine enable faster diagnosis, better treatment management, and improved patient quality of life. At the same time, there is a growing demand for specialists with both medical knowledge and digital skills.

The "Future of Healthcare" project responds to these needs by developing new educational models and fostering collaboration between the education sector and the labour market.

Thanks to these initiatives, it is possible to prepare future staff for work in a modern, integrated healthcare system.

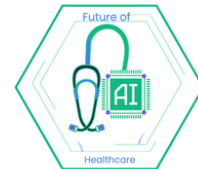
WHAT ACTIVITIES DO WE CARRY OUT?

The project FOH focuses on:

- developing AI competencies in healthcare,
- creating modern training programs,
- designing innovative educational tools and simulations,
- strengthening the ethical and responsible use of AI,
- supporting vocational education in response to labour market needs.

This is an important step towards building modern professional education that addresses the challenges of digital transformation in healthcare.





AI in Healthcare – Challenges and the Future

.As part of the Future of Healthcare project, international focus groups were conducted in March and April 2026 in each partner country with the participation of healthcare professionals and vocational training trainers. The selection of participants allowed for consideration of both the perspective of practitioners with professional experience and those in the process of education, which enabled a more comprehensive analysis of competency needs. Their goal was to determine how artificial intelligence can support work in healthcare and which competencies are currently most needed. The discussions highlighted that AI has great potential in data analysis and decision support; however, it still evokes limited trust and requires better user preparation. Participants emphasised that technology should support specialists but not replace their role – knowledge, responsibility, and the relationship with the patient remain key.



FoH Focus Groups



Joint conclusions

- AI supports, but does not replace, specialists.
- New digital competencies are needed.
- Trust in technology remains limited.
- Patient communication remains crucial.
- Ethical issues are central both in the way AI is used and in the unpredictable indirect consequences for patients.



AI in Medicine as a Supportive Tool, Not a Substitute

Artificial intelligence is increasingly being utilised in healthcare – primarily to support data analysis and interpretation of results.

Focus group participants emphasised, however, that its use is still limited, and the level of trust depends on the user's knowledge and experience. Therefore, developing competencies related to understanding and responsible use of AI technology is crucial.

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