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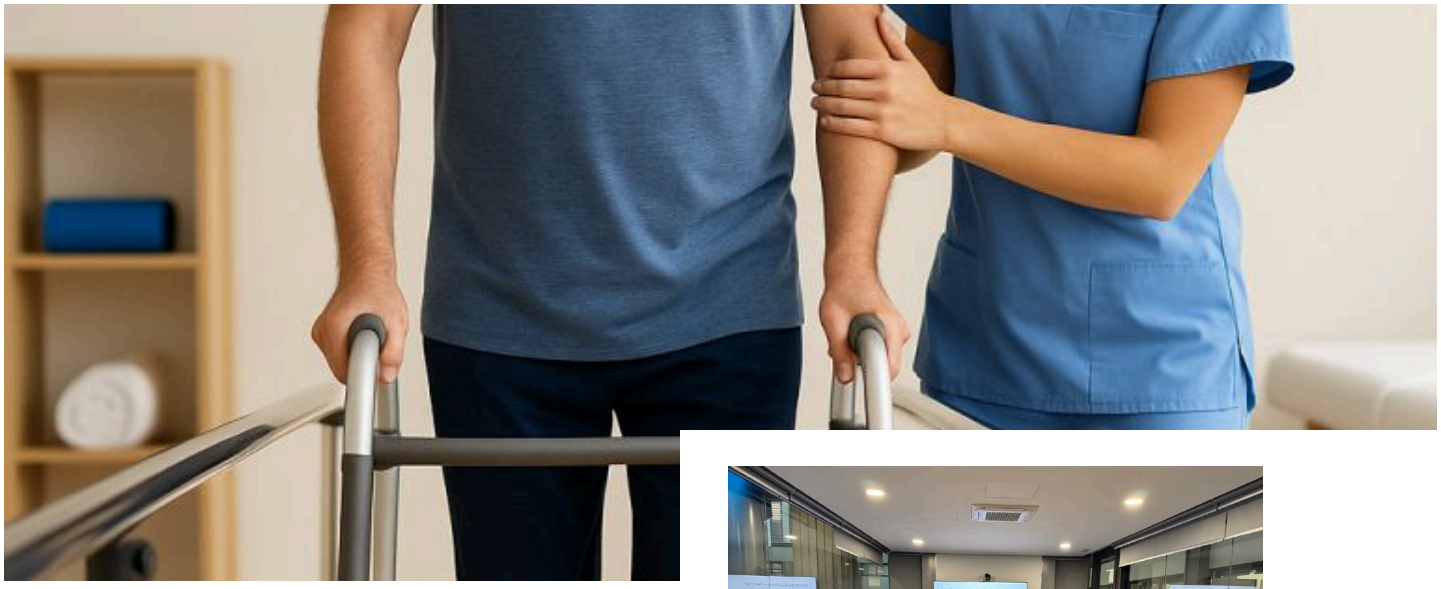
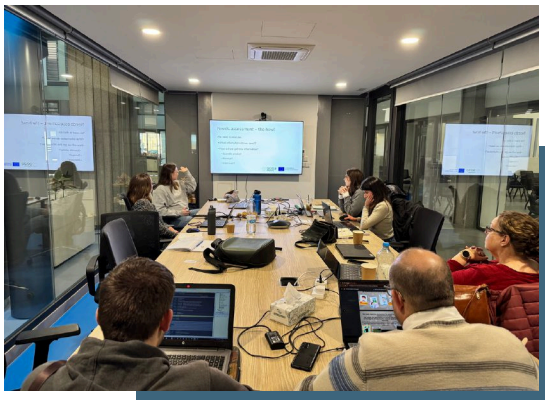
INTRODUCING GAITXR: A NEW ERA IN ELDERLY CARE

Project ID: 2024-1-CY01-KA220-VET-000245276

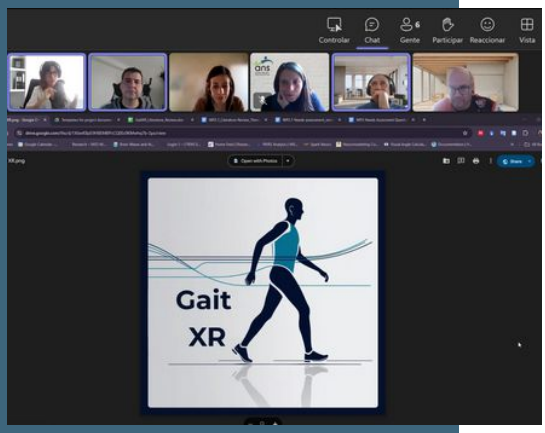
May 2025





PROJECT KICKOFF SUMMARY

On January 1st, 2025, the GaitXR project officially launched with a shared mission: to harness the power of Extended Reality (XR) in supporting gait training for elderly individuals with mild dementia. Funded under Erasmus+ KA220-VET, this 30-month initiative brings together five forward-thinking partners from across Europe. The kickoff meeting marked the beginning of this ambitious journey, setting the foundation for collaborative development, impactful testing, and sustainable outcomes.



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A SNEAK PEEK AT XR TECHNOLOGY FOR GAIT TRAINING

Unlike fully immersive virtual reality systems, the GaitXR tool is being developed as an augmented reality (AR) application accessible through mobile devices such as smartphones or tablets. Designed with flexibility in mind, it enables healthcare professionals–particularly those working in home-care settings or facilities without specialized gait training equipment–to project virtual elements into real-world environments.

These digital overlays will guide and enhance gait training exercises, offering visual prompts, interactive cues, and structured routines that support mobility, balance, and coordination. By blending physical and digital spaces, the tool empowers caregivers and professionals to deliver more engaging, adaptable, and effective sessions tailored to the needs of elderly individuals with mild dementia.

OBJECTIVES & EXPECTED IMPACT

- Develop an innovative XR tool for gait training tailored to elderly individuals at risk of gait difficulties.
- Equip healthcare graduates and professionals with the digital skills needed to integrate this tool into real-world practice.
- Pilot and validate the XR tool across multiple national contexts, ensuring it is user-friendly, effective, and accessible.

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MEET THE PARTNERS

The GaitXR consortium unites expertise from healthcare, XR technology, education, and social care:

- CYENS Centre of Excellence (Cyprus) – Project Coordinator and innovation leader in XR applications.
- Vimodo Ltd (Cyprus) – Specialists in educational content development and digital platforms.
- SOSU Østjylland (Denmark) – Vocational training provider with strong experience in elderly care education.
- Kayros Digital Innovation, S.L. (Spain) – Developers of tech-driven health and training solutions.
- Anziani e Non Solo (Italy) – Experts in social innovation and ageing care solutions.

Together, these partners bring complementary strengths to design, test, and implement the XR tool across diverse contexts.

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Visit our website for more information and updates on the project!

https://gaitxr.eu/

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