



EEDUSIM

Newsletter

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EEDUSIM PROJECT

Our project is driven by a passionate team of experts who are on a mission to unlock the full potential of simulation.

THE FACULTY

Discover our faculty of simulation experts

ESSENTIAL ELEMENTS OF CLINICAL SIMULATION

<https://www.eedusim.eu/>

EEDUSIM Project

The project aims to develop a course that teaches healthcare educators how to utilize simulation in healthcare education. Despite its underutilization due to resource constraints and lack of awareness, simulation has the potential to greatly enhance the learning experience.

The course addresses these issues by improving educators' competencies in embedding simulation in curricula and providing cost-effective alternatives to traditional tools.

Additionally, it covers emerging technologies like Augmented Reality (AR) and Virtual Reality (VR) to ensure the course remains relevant in the future. The collaboration of healthcare simulation experts from various EU countries enhances the project's quality and promotes internationalization. Ultimately, the project seeks to empower educators, bridge the theory-practice gap, and improve patient care outcomes in healthcare education.



THE PARTNERS



The University of Padua (UNIPD) is a renowned institution known for its research excellence and successful funding acquisition. In this project, UNIPD brings expertise in developing healthcare simulation programs, particularly in acute and emergency care settings. They have extensive experience integrating simulation training, patient safety, and human factors into curricula, as well as incorporating advanced simulation methods like augmented reality (AR) and virtual reality (VR).

Ludwig-Maximilians-University in Munich is a top-ranked university known for its excellence in teaching and research. The LMU, conducts research and training in emergency medicine. They specialize in simulation-based training and have extensive experience in the field. LMU brings expertise in research, simulation training, and medical education to the project.



MetaMedicsVR Sociedad Limitada (MMVR) is a medtech company that uses virtual reality simulations to revolutionize healthcare training. Their goal is to make high-quality education accessible to all, increase patient safety, and address global challenges. MMVR aims to reduce medical errors, improve healthcare outcomes, and contribute to sustainable development.

The George Emil Palade University of Târgu Mureș is a reputable institution known for its excellence in education and research. The Simulation and Medical Skills Centre at the university is highly advanced. It provides students with valuable practical training opportunities through simulations, standardized patient encounters, and access to advanced medical equipment. The center is well-equipped with resources such as consultation rooms, recording cameras, and specialized training facilities.



**CENTRO
PROFESSIONALE
SOCIOSANITARIO
LUGANO**

Centro Professionale Sociosanitario Lugano is a simulation center in Lugano whose mission is to elevate the skills of healthcare students and professionals by using innovative simulation technologies. CESI's long-standing experience in the field will bring value to the project with its staff assisting in many of the project tasks and especially in the development of the course and in the dissemination of the results.

SESAM is the European Society for Simulation in Healthcare Education. With a 20-year long history, SESAM's mission is to encourage and support the use of simulation in healthcare for the purpose of training and research.



**SOCIETY FOR
SIMULATION IN EUROPE**



ESSENTIAL ELEMENTS OF CLINICAL SIMULATION

Simulations in medicine represent a compelling marriage of cutting-edge technology and focused education. Through the use of high-fidelity mannequins, sophisticated software and realistic scenarios, health professionals can immerse themselves in immersive simulations that faithfully recreate complex clinical situations. These tools allow them to practice surgeries, manage medical emergencies and deal with crucial decisions, all without risk to real patients.

Moreover, simulations in medicine are not limited to basic training; they also provide a valuable opportunity for continuous learning and skill refinement. Professionals can explore new techniques, test treatment protocols, and hone their diagnostic skills in a controlled and collaborative environment.



“Educating my soul is my main aspiration; therefore, simulation is my favorite medium.”
Plato



In addition to the practical aspect, simulations also provide a space for the development of interprofessional skills and effective team communication. Through the simulation of multidisciplinary scenarios, professionals learn to work together in synergy, improving the quality of overall health care.

Ultimately, simulations in medicine are a fundamental pillar of modern clinical training and practice. Investing in such programs not only brings tangible benefits to individual professionals, but also helps to raise standards of care and improve outcomes for patients worldwide