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EEDUSIM

Newsletter



VIRTUAL REALITY

Virtual reality is one of the cutting-edge methods of simulation in the medical field.

RESEARCH IN MEDICINE

Medical research in simulation is fruitful ground where science meets innovation.

HIGH FIDELITY

High-fidelity simulation offers healthcare professionals a safe and controlled environment to acquire and refine clinical skills without compromising patient safety

EEDUSIM Pratical Week

The week in attendance of the EEDUSIM project that saw 25 health professionals arrive in Padua for a hands-on course for simulation facilitators has come to an end.

Numerous activities were presented by faculty ranging from technology to simulated patient to augmented reality to lead to the training of simulation facilitators



VIRTUAL REALITY



Virtual reality is the key to unlocking immersive, safe and focused learning. Using VR technology, healthcare professionals can immerse themselves in realistic clinical scenarios without any risk to patients.

Within a virtual environment, future physicians can explore the human body in stunning anatomical detail, navigating through organs and tissues with unprecedented precision. They can participate in simulations of complex surgical procedures. But virtual reality goes beyond simple surgical practice; they can tackle varied and complex clinical scenarios, interacting with virtual patients to practice diagnoses, formulate treatment plans and manage emergency situations. This scenario-based practice offers an unprecedented hands-on experience, preparing all health professionals for real-world situations more effectively and efficiently.

In conclusion, the use of virtual reality in medical education is revolutionizing the way health professionals learn and prepare for clinical practice. Thanks to this innovative technology, the future of medicine is more promising than ever, with professionals better prepared and able to provide high-quality care to patients around the world.

“ And the beauty of virtual reality is that you can experience things you never imagined possible in physical reality. ”

Palmer Luckey



At the Frontier of Science: Simulation Revolutionizes Medical Research.

In the rapidly changing world of medical research, simulation is emerging as a shining beacon of innovation and progress. Through the use of virtual environments and sophisticated models, researchers are opening new doors in our understanding and addressing the challenges of modern medicine. Simulations allow physicians and scientists to explore complex scenarios in a safe and controlled environment, enabling them to test hypotheses and refine surgical techniques without any risk to patients



From simulating high-complexity surgeries to modeling chronic diseases, medical simulation research is radically transforming the health care landscape.

In this journey toward the future of medicine, simulation proves to be an indispensable ally, driving innovation, accelerating discovery and, most importantly, improving the lives of millions of people around the world.

SIMULATION HIGH FIDELITY



High-fidelity simulation offers healthcare professionals a safe and controlled environment to acquire and refine clinical skills without jeopardizing patient safety. Through the use of advanced manikins, virtual simulators, and realistic scenarios, students and health care providers can address complex situations and make critical decisions in a simulated setting.

Despite its many advantages, high-fidelity simulation also presents some challenges, including high costs and the need for experienced personnel to operate the simulators. However, as technology advances and accessibility increases, there are ample opportunities to expand the use of high-fidelity simulation in medical