

VIRTUAL REALITY: HEALTHCARE

TECHCONFIGURATION

TECHNICAL SUPPORT

REVOLUTIONARY VIRTUAL EXPERIENCES FOR THE HEALTHCARE COMMUNITY

When you think about virtual reality solutions, you are probably thinking this is just an experience for the ultimate gamer. But, with the evolution of technology and VR solutions like Oculus and HTC virtuals like healthcare are getting more involved with this versatile solution. The reality is, medical professionals and scientists have been working on a solution over the past few years. This revelation allows doctors and students the opportunity to utilize a virtual reality solution to diagnose patients using virtual reality gamification to implement simulations, phobia treatment, robotic surgery and skills training.



HTC VIVE Virtual Tools



VIRTUAL SURGERY

One of the most advanced implementations of VR technology in the healthcare space is being able to manage a surgical procedure performed by a robotic device yet controlled by a human surgeon. The main benefit of utilizing this method is a reduction in risk and room for error. This technology is becoming more prominent in the healthcare field that the surgeon is able to be in a remote location which performing such procedures.

POST-TRAUMATIC STRESS DISORDER SIMULATIONS

Treating post-traumatic stress disorder (PTSD) is also another way virtual reality technology is a game-changer in the healthcare space. With technology like [Virtual Vietnam VR](#), doctors and psychologists are able to provide simulations that are aimed at providing relief for patients with PTSD. Through the use of the VR tool, a patient is able to confront their trauma and memories through a simulation of their past experience. The Virtual Vietnam VR is able to provide virtual scenarios with directional 3D audio, vibrations, and even smells that help the patient address their PTSD through exposure therapy. This type of experience may actually be more of a useful approach than your traditional in-person therapy.

INGRAM MICRO TECHNICAL SUPPORT

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