

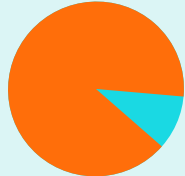
Supporting the healthcare industry with immersive learning experiences

How healthcare organizations are incorporating augmented reality, virtual reality, and 360 video

The healthcare industry is rapidly growing. Research¹ estimates that healthcare-related jobs could grow by 80 million to 130 million by 2030 globally. All the while, changes in data availability and security, rapidly changing technology, and an emphasis on workplace ethics demand accessible, innovative training for healthcare professionals at every step of their career.

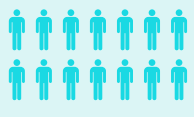
Virtual and augmented reality experiences make your training more memorable, scalable, and consistent, saving overhead costs and reducing safety violations.

80%
retention rate



Miami Children's Health System found that using VR in training results in retention rates of up to 80 percent one year after training².

2.4
million new jobs

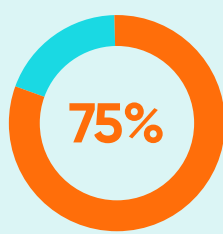


According to the Bureau of Labor Statistics, the healthcare industry is expected to grow 18 percent between 2016 to 2026, adding 2.4 million new jobs⁴.

Although healthcare jobs will be among the fastest growing in the United States through 2026, many states will be unable to meet the projected demand for healthcare workers³.



The Millennial generation will account for half of the workforce by 2020 and 75 percent by 2030. Research shows that millennials bring different attitudes about training to the workforce⁵.



Research suggests a consistently larger skills gap in healthcare than in other industries⁶.



The healthcare sector is 60 percent more likely to embrace change management than the overall population⁷.

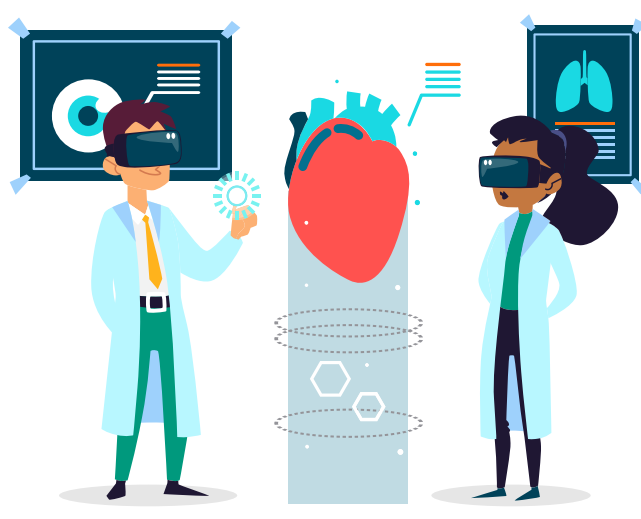
78%

78 percent of healthcare employees showed some lack of preparedness with common privacy and security threat scenarios⁸.

How Immersive Training Helps

Immersive reality training puts your learners at the center of experiences they'll need to master to make your organization successful.

A virtual scenario allows staff to "hear" their heart pounding, notice environmental stressors, and interact with patient and patient family member objections and emotions. This interactive training ensures staff is prepared to manage difficult conversations, giving your patients the best care possible. Immersive reality experiences like 360 video or full VR give your staff the opportunity to test their bedside manner before it's delivered to patients.

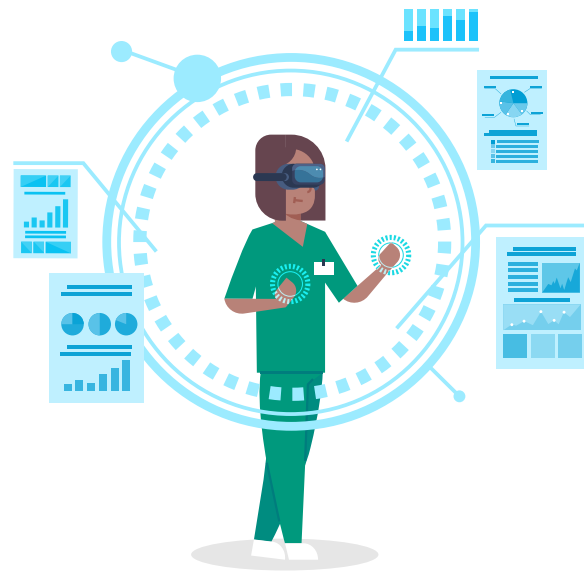


Emergency Preparedness

Prepare your staff for the unthinkable with immersive training experiences. A customized scenario gives your triage team a risk-free environment to test their preparedness for situations in which time is critical and resources are limited. VR can save the time and cost of setting up mock emergency environments, while allowing your staff to still experience the fast-paced nature of medical emergencies. Guided tasks can help your staff assess patients, deliver qualified care, and think critically while under pressure.

Clinical Training

One study found a 250 percent improvement in learner performance when hands-on training was deployed⁹. By overlaying information on top of pre-existing data or 3-D models of patients, clinical employees can learn patient anatomy, proper handling for elder care, and interact with advanced patient simulations. An AR experience gives staff the chance to diagnose disorders and identify illnesses while receiving feedback from their supervisors. Some health campuses are unrolling cadaver-free campuses where, using VR, students can collaborate and practice clinical requirements with peers from around the world.



Ethics and Compliance

Deploy your training in a more scalable, cost-effective manner that translates immediately into better patient care and ROI. Develop AR image targets that will allow your staff to stay up-to-date with HIPPA training, harassment training, policies and procedures training, and other workplace ethics. We've built custom safety courses that can prevent hazards of in-home and hospice care. Ensuring your staff is compliant not only protects your organization but also your staff and patients.

Leadership and Management

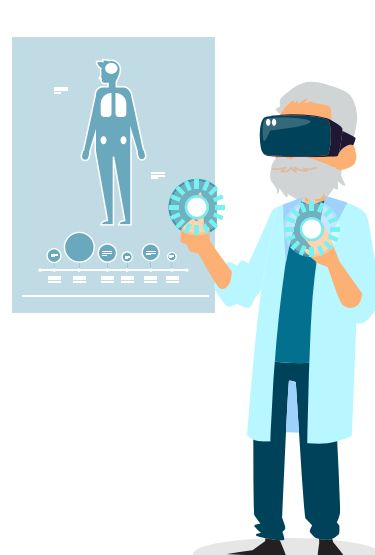


See results in both patient and employee satisfaction when you train your leaders and managers to hold difficult conversations. Virtual reality provides leaders with an opportunity to test their supervisory skills in a staged, but extremely realistic, environment. They can practice coaching employees and giving feedback.

Give your leaders a chance to build strategy around value-based care with high-impact learning experiences. Healthcare industry leaders and managers must lead with an evidence-based understanding of how to maintain reliable performance in a rapidly-changing environment. They require training on how to share strategic insight, utilize research, and manage highly-effective teams. Blend virtual or augmented experiences with your existing eLearning and instructor-led programs for a holistic learning program.

Onboarding

VR can help you recruit and onboard top talent for your hospital network. Immersing recruits in their expected job responsibilities before hiring can improve retention and highlight performance gaps. Keep your top talent happy with improved training experiences. According to a recent study¹⁰, 85 percent of learners prefer VR to other training. Consider an AR application that gives staff and visitors a guided tour of your facility, or reinforce onboarding lessons with ongoing performance materials that give your new staff members the tools they need for the long run.



Safety and Security

Scale your safety training experience across your entire network. Use VR to reduce costs by as much as 50 percent. Virtual training experiences can reduce liability costs by mitigating risky incidents. The solution is more affordable than traditional simulation training and the repeated act of decentralized eLearning or instructor-led safety training. Proper training is one of the best ways to combat and counteract safety risks varying from bloodborne pathogens to data privacy and security. Training programs should be personalized to address each facility's unique security risks and can help manage costs and mitigate cybersecurity breaches.

To gain patients' trust, your workforce must be confident, competent, and compassionate. With custom learning experiences, you'll help your workers stay on top of new technology – as well as updates in policy, best practices, and clinical operations – all while accommodating their fast-paced schedules and rigorous professional requirements.

Roundtable Learning meets the unique training needs of the healthcare industry with personalized learning strategies, augmented and virtual reality experiences, and custom eLearning, video learning, and ILT.



Resources

¹ <https://trainingindustry.com/press-release/e-learning/coursera-launches-health-content-to-train-next-generation-of-health-workers/>

² <https://fortune.com/2015/08/17/virtual-reality-hospitals/>

³ <https://trainingindustry.com/press-release/workforce-development/goodwill-and-dignity-health-global-education-partner-to-address-health-care-industry-workforce-shortage/>

⁴ <https://www.bls.gov/ooh/healthcare/home.htm>

⁵ <https://www.inc.com/peter-economy/the-millennial-workplace-of-future-is-almost-here-these-3-things-are-about-to-change-big-time.html>

⁶ <https://www.hiringlab.org/2019/03/20/healthcare-skills-gap/>

⁷ <https://elearningindustry.com/press-releases/hdi-report-gov-education-health-care-lead-all-industry-sectors-in-itsm>

⁸ <https://healthitsecurity.com/news/78-of-healthcare-workers-lack-data-privacy-security-preparedness>

⁹ www.ncbi.nlm.nih.gov/pmc/articles/PMC1422600

¹⁰ <https://healthscholars.com/fire-in-the-or-evidence-paper/>