



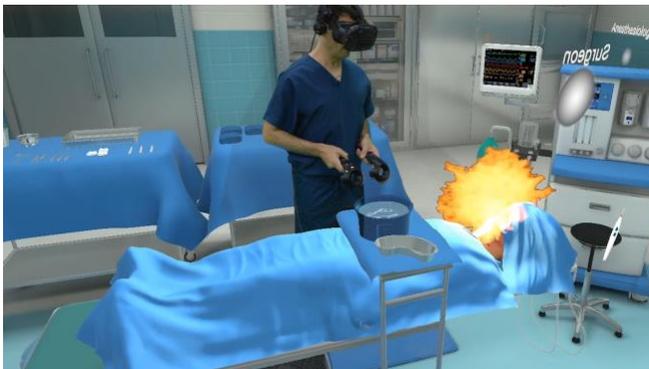
FOR IMMEDIATE RELEASE

Cole Sandau, Chief Commercialization Officer
303.815.1654

Cole.Sandau@HealthScholars.com

Healthcare systems can now safely simulate surgical fires and more effectively train clinicians on patient fire safety with Fire in the OR™ Virtual Reality Simulation

Denver, CO (07/16/2018) – Health Scholars has launched the first commercially available VR training simulation for operating room fire prevention and management. Each year 550 to 600 surgical fires are reported, resulting in dozens of serious injury cases, and 1 to 2 patient deaths¹. Surgical fires are among the top medical errors, but clinical training is often limited to traditional reading or didactic courses which do not provide learners the opportunity to practice key fire safety skills. With Fire in the OR organizations can now provide clinicians experiential fire safety training in as little as 20 minutes, and scale simulation across a large healthcare system.



Scene from Fire in the OR™ of patient fire simulation

“Training for OR fire emergencies in fully immersive virtual reality environments may be the ideal training modality”²

Fire in The OR is a room-scale VR application for the HTC Vive Pro headset designed to simulate key scenarios related to a surgical fire. The application consists of three modules:

¹ Mehta, Sonya. P. et al. “Operating Room Fires: A Closed Claims Analysis.” *The Journal of the American Society of Anesthesiologists, Inc.* Perioperative Medicine. May 2013

² Dorozhkin, D; Olasky, J; Jones, DB, et al. “OR fire virtual training simulator: design and face validity.” *Surgical Endoscopy*, Sept. 2017, 31(9): p. 3263.

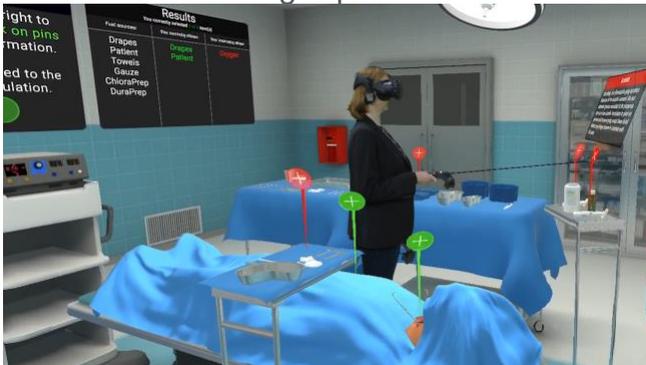
TUTORIAL

Developed for non-gamer professionals, the tutorial teaches learners to interact in VR and provides the opportunity to practice skills required to interact with the environment.



FIRE TRIAD

The fire triad is a core concept in understanding and preventing operating room fires. Learners explore the room and identify the elements of the fire triad. A detailed, interactive debriefing is provided to reinforce the concept.



FIRE ON A PATIENT

Learners practice the skills needed to manage and extinguish a fire on a patient via a rich simulation. After a structured, interactive debriefing, learners explore the root cause of the fire to understand how the fire could have been prevented.





A recent study on VR training showed a 250% improvement in managing an operating room fire when learners practiced in VR versus traditional reading or lecture³. Fire in the OR provides an unmatched level of realism, delivering rich simulation efficiently, cost effectively and at scale. Fire in the OR can help organizations train better and truly address a critical patient safety issue.

“Humans learn best through experience. Virtual reality enables clinical staff to practice competencies in real-world, risk-free settings while enabling instructors to see decisions and how they then react to the consequences. VR finally affords the healthcare sector a mechanism for scaling high-impact experiential training across an organization and geographic distances.” - Brian Gillett, Chief Medical Officer, Health Scholars

For more information visit HealthScholars.com/FiOR or [watch the video](#).

###

About Health Scholars

Health Scholars was founded by healthcare professionals who recognized the need to advance immersive education and clinical training effectiveness to improve patient safety. Our mission is to deliver experiential learning and advanced simulation to nurses, physicians and team-based healthcare staff via a single, future ready platform – Health Scholars One™. Our blended learning platform and content is easy to use, scalable across a health system, and more effectively manages, delivers and measures clinical education and simulation training. It enables efficient delivery of blended learning programs including interactive content, VR, and high-fidelity simulation modalities.

Health Scholars is headquartered in Denver, Colorado and has clinical and support operations embedded in the world-class Jump Trading Simulation and Education Center on the OSF Campus in Peoria, Illinois. For more information, visit www.healthscholars.com

³ Sankaranarayanan et al, “Immersive Virtual Reality Based Training Improves Responsive In Simulated Operating Room Fire Scenario” *Surgical Endoscopy*, January 2018