

News Release

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3D Systems Leverages Virtual Reality to Advance Surgical Training

- Virtual reality technology provides immersive surgical simulation
- Hands-on product demonstration at the International Meeting on Simulation in Healthcare (IMSH) 2017

ROCK HILL, South Carolina, January 26, 2017 – [3D Systems](http://www.3dsystems.com) (NYSE:DDD) today announced pivotal advancements to its line of medical training simulators utilizing enhanced virtual reality (VR) environments. These new VR functionalities allow users to practice surgical procedures within a virtual operating room for a realistic and immersive training session designed to enable better surgical preparation and team training. 3D Systems' Virtual Reality Operating Room (VR OR) includes environmental elements that are not typically present in other current simulation scenarios, but that exist in a real operating room, such as a virtual patient, OR team and OR equipment, in addition to realistic auditory diversions. As a key component of 3D Systems' healthcare offerings and digital healthcare workflow, 3D Systems' surgical simulators are engineered to enhance the learning process for a more effective training experience.



3D Systems' Virtual Reality Operating Room is designed to enable better surgical preparation and team training.

Each of [3D Systems' VR OR products](#) will be compatible with the company's medical simulators and available as add-ons, allowing trainees to use the simulator while wearing an off the shelf VR headset that provides a 360-degree view of the immersive OR setting. This enhanced training experience enables trainees to develop coping strategies for the stresses and distractions that are present in real world procedures.

"3D Systems' focused investment in R&D has put the company at the forefront of simulation innovation," said Kevin McAlea, EVP, General Manager, Metals & Healthcare, 3D Systems. "The addition of 3D virtual reality to our simulators represents the next step in advancing medical training for an enhanced immersive learning process that helps to deliver better procedural outcomes."

A video showcasing 3D Systems' VR OR is available [here](#).

The first 3D Systems VR OR product for release is the LAP Mentor™ VR, which will be demonstrated on the LAP Mentor Hernia Module at the 2017 International Meeting on Simulation in Healthcare (IMSH), booth #401, January 28 - February 1, in Orlando, FL. Other 3D Systems healthcare solutions will also be on display, including hands-on simulation training, surgical planning products and 3D printed anatomical models and surgical guides.

For more information on 3D Systems' healthcare applications and offerings, contact healthcare@3dsystems.com

About 3D Systems

3D Systems provides comprehensive 3D products and services, including 3D printers, print materials, on demand manufacturing services and digital design tools. Its ecosystem supports advanced applications from the product design shop to the factory floor to the operating room. 3D Systems' precision healthcare capabilities include simulation, Virtual Surgical Planning, and printing of medical and dental devices as well as patient-specific surgical instruments. As the originator of

3D printing and a shaper of future 3D solutions, 3D Systems has spent its 30 year history enabling professionals and companies to optimize their designs, transform their workflows, bring innovative products to market and drive new business models.

More information on the company is available at www.3dsystems.com