

Top 10 Healthcare Simulation Solution Providers - 2017

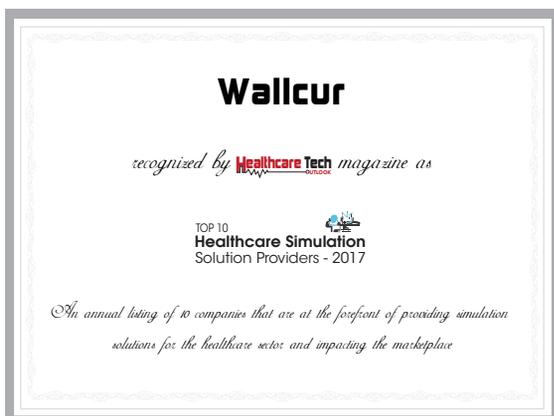
The proliferation of fatalities owing to preventable errors in the field of healthcare is swelling at an enormous rate. This can be traced back to the lack of effective co-ordination, perceptive thinking, and skill-based actions among healthcare professionals, which are essential during circumstances that are vital to the survival of a patient. The influx of simulation machines in the healthcare spectrum has come forth as a viable solution to tackle the issue.

Healthcare simulators, or medical simulators, impel a fully immersive medical scenario for a learner or practitioner to handle. Via manikins, it replicates numerous real-life patient scenarios including voice-based responses as well as body control during the entire duration of the simulation. The simulators also facilitate video-playback which is crucial to

outline performance outcomes during the debriefing process. However, to choose between simulated and non-simulated approaches continues to pose a challenge as all scenarios are not replicable. Hence, identifying a solution provider that offers the best fit solution becomes critical.

To help organizations find a suitable healthcare simulation solution provider, a distinguished panel comprising of CEOs, CIOs, analysts and our editorial board have selected the top players from the competitive field of healthcare simulation solutions. The companies mentioned in the listing provide quality simulation software that can be tailored to the specific needs of organizations and help maximize their investments.

We present to you “Top 10 Healthcare Simulation Solution Providers – 2017”.



Company:

Wallcur

Description:

Improves students' medication administration skills by creating a realistic clinical environment to familiarize students of healthcare with all aspects of the medication administration process

Key Person:

Wendy LaGrange,
Director of Sales &
Business Development

Website:

wallcur.com



Wallcur

State-of-the-art Healthcare Training via Simulations

Nurses are the last step in the medication administration process and are an important link in ensuring patient safety. However, as clinical hours become increasingly difficult to acquire, nurse students are getting less real-life experience of administering medication to patients at clinical facilities. Therefore, young future nurses handling drugs and trying to use techniques like needle injection for the first time are a liability to safety. A National Council of State Boards report showed that students could replace up to 50 percent of their clinical hours with simulation and perform no worse on the National Council Licensure Examination (NCLEX). Wallcur, a San Diego, CA-based company improves students' medication administration skills by creating a realistic clinical environment to familiarize students of healthcare with all aspects of the medication administration process. Founded by a woman nurse educator in 1972, Wallcur provides healthcare simulation ideas and products that stimulate clinical learning in a safe non-clinical environment in order to help develop the most competent, confident, and ready practitioners for today's healthcare system.

The company provides educational training and simulation in nursing, pharmacy, Emergency Medical Technician (EMT), the medical corps, and other allied health programs throughout the world. Wallcur's Practi-Meds product line provides practice medication for unit dosages, reconstitution for Intravenous (IV)'s, ampule and vial handling, injection techniques, and more. The line's true-to-life realistic design creates a safe and authentic practice that is easily integrated into any new or existing healthcare curriculum.

Wallcur Practi-Meds can integrate with electronic charting system like EHR Tutor to create a realistic simulation environment. EHR Tutor's prebuilt patients can be edited for simulating patient scenarios from scratch, allowing students to assess, view and review the patient's condition and orders beforehand. This helps save educators' time and money, while allowing students to get physically familiarized with performing each step of the medication administration process, including scanning and recording medication.

Also, the educators can share information about the

delivery system, the drug and the dosage with Wallcur and the company creates the customized product after research. "Wallcur prides itself on not only having the most realistic simulated medications but also being able to customize them for our customers," says Wendy LaGrange, Director of Sales & Business Development for Wallcur. The company is working diligently to make adjustments according to the variances seen in the real world according to medication prices, expiration date, National Drug Code (NDC) number and dosages.

“The main focus at Wallcur has always been to have the most realistic training products, while always maintaining the highest standards of safety”

Working closely with educators, the International Meeting on Simulation in Healthcare (IMSH) and advisory boards, Wallcur ensures that their products look realistic, but still have the proper warnings to differentiate them from real medicines. Critical thinking lessons help students to identify errors in medical records or doctor's orders. For instance, Heparin (an anti-coagulant) is one of the most commonly miscalculated drugs. Wallcur's Practi Heparin Vials and Teaching Module can be used to teach students a variety of Heparin dosage calculations, measurement, and administration skills—safely.

According to Wendy, "The main focus at Wallcur has always been to have the most realistic training products, while always maintaining the highest standards of safety." With Wallcur's products being sold globally, the company is using warning labels on its products that can be deciphered by non-English speakers as well, to ensure patient safety, irrespective of language.

Looking towards the future, Wallcur is aiming to make its labeling more accurate and safe. Without trying to be siloed or exclusive, the company is working towards being incorporated into different systems through collaboration with other providers and further standardize its simulations. **HT**



Wendy LaGrange