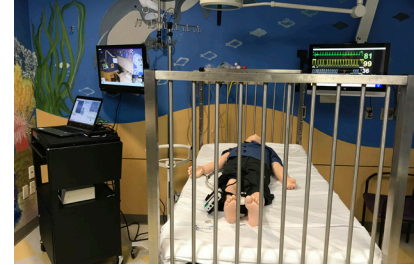


Hospital Boosts Buy in From Staff for Simulation Training with In-Situ Sim



THE PROBLEM

Medical errors are the third leading cause of death in the U.S.* Simulation-based training is a key to reversing this trend, especially for clinicians working in high-stakes hospital environments.

But with ever-increasing patient workloads, electronic healthcare record documentation requirements, and mandates for continuing accreditation, many practitioners are unable to allot time for training exercises in their daily schedules.

Furthermore, clinicians may work far away from a hospital's simulation center, on different floors, or in separate buildings, making it impossible to participate in training without being taken away from their patients.

* [Medical error—the third leading cause of death in the US:](#)
BMJ 2016;353:i2139

THE SOLUTION

Texas Children's Hospital operates a multi-building campus in Houston and employs thousands, including several hundred residents from Baylor College of Medicine. The hospital's Pediatric Simulation Center has supported a culture of continuing education since 2009, but the campus' size has made full participation in simulation training a challenge.

Then the simulation team realized they could take sim out of the Center. Dan Feux, Systems Specialist, explains, "By having an in-situ setup on the in-patient acute care floor, we can train a step away from the nurses station, pulling people into the scenario from their rounds. If there's any kind of real emergency, we can stop immediately."

The in-situ room is equipped with EMS' scalable, video-enabled SIMULATIONiQ™ One Room solution, allowing training facilitators to record and debrief with ease.

THE RESULTS

The introduction of an in-situ curricula has helped increase buy-in and participation in simulation-based training. "It's more real. We get as much realism as we can in our sim center, but being on the patient floor is much better," Feux notes. "We used a former treatment room in the middle of a patient area, and it's basically identical to a normal hospital room."

And with SIMULATIONiQ One Room, Feux and his team can manage training events without having to go back to the main Center. Feux continues, "We're adding a debriefing monitor in addition to the mannequin setup and the SIMULATIONiQ One Room."

EMS is pleased to facilitate Texas Children's Hospital's growing needs as they build a major expansion on an existing building. Features of this 19-floor Pediatric Tower include larger Intensive Care Unit rooms, additional operating rooms, a helipad—and four in-situ simulation rooms equipped with SIMULATIONiQ One Room.

Texas Children's Hospital transports simulation-based training to the real world with in-situ sim rooms built-in right on the clinical floor, allowing caregivers to participate in scenarios without distancing them from patients.

EMS' mission is to advance the quality and efficiency of clinical care through smarter simulation, leading to better outcomes. EMS helps to build mastery around: clinical skills, collaboration, communication, and competency for improved patient safety and quality of care.

Smarter Simulation. Better Outcomes.™

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