

ARTICLES AND ABSTRACTS ABOUT USING

THE HUMAN WORN SURGICAL SIMULATOR (CUT SUIT) IN MEDICAL EDUCATION

Strategic Operations (STOPS) has helped develop innovative medical simulations with medical schools like Rocky Vista University (RVU) School of Osteopathic Medicine, an early adopter of the STOPS Human Worn Surgical Simulator (“Cut Suit®”). RVU and STOPS incorporated the Cut Suit into surgical and emergency medicine education and created an Intensive Surgical Skills and Trauma Course (ISSTC) curriculum around this technology. Since the demise of the “Halsted Method” of “see one, do one, teach one,” which allowed practicing on a live human - and is no longer possible because of patient safety and ethics - simulation is the only alternative as a safe, repetitive, immersive teaching tool. Creating medical simulation in a hyper-realistic environment – from point-of-injury through the ER to the OR, takes modern surgical and emergency medicine education to a new level.

STOPS defines Hyper-Realistic® as “the achievement of such a high degree of fidelity in the simulation of real world conditions in a training environment that participants willingly suspend disbelief so as to emotionally become totally immersed and eventually stress inoculated in a way that can be measured physiologically.” Recent medical studies corroborate anecdotal evidence that Hyper-Realistic® immersion training produces a stress inoculation effect and that repetitive training in controlled, stressful situations enables people to lower their stress levels from the detrimental range to a more beneficial one, in a measurable way.

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