

Current Research at STRATUS

Project	Principle Investigator
Harvard Surgical Critical Event Project	Atul Gawande, MD, MPH
CRICO/Harvard Surgical Team Training with Simulation Pilot	William Berry, MD Douglas Smink, MD, MPH
Effects of Virtual Reality Simulation Training on Orthopedic Residents	Andreas Gomoll, MD
Validation of a procedural checklist and development of a simulation based curriculum to improve seizure safety in patients in an epilepsy monitoring unit (EMU)	Barbara Dworetzsky, MD
Utilizing simulation to improve acquisition of knowledge during orientation training at the beginning of internship in an internal medicine residency	Paul Dellaripa, MD
HARPAG	Richard Blum, MD
Comparison of Web-Based and Classroom-Based Training Programs for Point-of-care Real-Time Ultrasound-Guided Central Venous Catheter Placement	Gyorgi Frenzl, MD, Ph.D.
Improving Interdisciplinary Trauma Team Training: Lessons Learned From a Four Year Simulation Experience	Demian Szyld, MD
Feasibility and Impact of an International Fellowship in Medical Simulation	Sarah Peyre, Ed.D.
Feasibility and Reliability of Peer Assessment for Central Venous Catheter Insertion Training among Medical and Surgical Residents	Demian Szyld, MD
Utilization and Reliability of Medical Simulation Scenarios to Assess Leadership Styles during Transitions of Patient Acuity	Paul Dellaripa, MD
A Human Patient Simulation-Based Single-Station OSCE to Test Behaviors Associated with the Joint Commission National Patient Safety Goals	Luise Pernar, MD
Hospital Code Team Performance in Simulated Ventricular Fibrillation Cardiac Arrest	Charles N. Pozner, MD
Effect of Sleep Deprivation on Retention of Psychomotor Skills in Medical Education	James Abaluck, MD

Using Cognitive Task Analysis to Teach Intraoperative Decision-Making in Laparoscopic Appendectomy	Douglas Smink, MD, MPH
Learner perspective on effectiveness of a comprehensive simulation curriculum for obstetrics and gynecology resident skill development	Natasha Johnson, MD
CPR Feedback Improves the Quality of Chest Compression Provided by Hospital Healthcare Professionals	Charles N. Pozner, MD
The utility of video instruction in the acquisition and retention of laparoscopic surgical skills	Douglas Smink, MD, MPH
Comparing resident and faculty teaching of basic surgical skills	Sarah Peyre, EdD