

**AEI Consortium Abstracts Since 2008**  
**Abstracts by Author**

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							Multi-Institutional Study	Manuscript Published in Surgery	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
Sweet	Robert	MD, FACS	AEI2008	University of Minnesota PeriOperative Resource for Training and Learning (SimPORTAL)	NA	University of Minnesota/SimPORTAL	no	no				X							
AbdelFattah	Kareem	MD	AEI2017	Team-based Simulations for New Surgeons: Does Early and Often make a Difference?□	Original	UT Southwestern	yes	yes	X										
Abdelrahman	Amro	MBBS	AEI2018	Laparoscopic Peg Transfer Simulation Tasks with Two Difficulty Levels: Analysis of Two Years Interns' Performance and Workload	Original Paper	Mayo Clinic Rochester	yes	no					X						
Abdelsattar	Jad	MB, BS	AEI2014	A surgical educators armamentarium: Using Jeopardy to assess residents' retention and improvement of medical knowledge	Original	Mayo Clinic Rochester	no	no	X	X	X	X							
Aboud	Emad	MD	AEI2016	"Live Cadaver" A realistic training model for practicing neurovascular procedures & Enhancing surgical skills	Descriptive	Arkansas Neuroscience Institute	no	no											
Acharya	Amish	BSc	AEI2012	Transfer Effectiveness for a Virtual Reality Laparoscopic Appendectomy Curriculum	Original	Imperial College London	yes	no	X	X		X							
Agapian	John	MD, FACS, FCCM	AEI2018	Should the American Board of Surgery (ABS) Require Ultrasound Education Program for General Surgery Certification?	Poster Presentation	University of California, Riverside/RUHS	no	no	X										
Aggarwal	Rajesh	MD, PhD, MA, FRCS	AEI2008	A Multi-Disciplinary Approach to Innovation in Surgical Education	NA	Imperial College London	no	no					X						
Aggarwal	Rajesh	MD, PhD, MA, FRCS	AEI2008	Imperial College Competency Assessment Tool (ICCAT)	NA	Imperial College London	no	no						X					
Aggarwal	Rajesh	MD, PhD, MA, FRCS	AEI2011	Prediction of Future Performance in Minimally Invasive Surgery – A Tool for Surgical Selection	Original	Imperial College London	no	no				X	X						
Aggarwal	Rajesh	MD, MA, PhD, MRCS	AEI2011	Simulation for Operative Laparoscopic skill Advancement of Residents (SOLAR): A Global Study	Original Paper	Imperial College London	no	no	X	X	X	X							
Ahuja	Vanita	MD, MPH, MBA	AEI2017	Team Based Simulation: Another Tool to Teach Operating Room Fire Safety	Descriptive	Lifebridge Health Sinai Hospital	yes	no						X					
Ahuja	Vanita	MD, MPH, MBA	AEI2018	Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and implications.	Poster Presentation	Sinai Hospital of Baltimore	yes	no				X		X					
Al Abri	Qasim	MD	AEI2018	Force during Simulation-Based Orotracheal Intubation is predictive of Clinical Competency	Poster Presentation	McGill University	no	no											Objective Assessment
Albert	Alwin	MD	AEI2016	Safe Adoption Of Robotic Training In Residency With a Fundamentals Of Robotic Surgery Curriculum -A 5 Year Experience In a Military Institution	Original	Naval Med Ctr San Diego	no	no	X		X	X							
Alexis	Marnelle	EdD	AEI2008	Collaboration: Key to the Evolution of Surgical Education	NA	Duke University Medical Center	no	no			X								
Ali	Noaman	MD	AEI2011	Data-Driven Optimization of Surgeon Skills for Enhanced Training, Simulation, and Assessment	Work in Progress	Beaumont Health System	yes	no			X								
Ali	Noaman	MD	AEI2011	Utilization of Simulation Based Training and Objective Structured Assessment of Technical Skills for Credentialing of Central Venous and Arterial Line Placement in the Surgical Intensive Care Unit	Work in Progress	Beaumont Health System	no	no	X	X	X			X					
Ali	Shahzad	MD	AEI2012	Adding Audio-Visual On-line Learning to a Surgery Simulation Curriculum Will Decrease Cognitive Load and Facilitate Learning for Surgical Interns.	Original	Mayo Clinic Rochester	no	no	X	X	X				X				

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AlJamal	Yazan	MD	AEI2013	The Rationale for Combining Surgical Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater Resident Engagement and Satisfaction	Original	Mayo Clinic Rochester	no	yes	X	X	X	X						
AlJamal	Yazan	MB, BS	AEI2016	Cadaveric Dissection vs. Homemade Model: What is the Best Way to Teach Endoscopic Totally Extraperitoneal Inguinal Hernia Repair?	Original	Mayo Clinic Rochester	no	no			X	X						
AlJamal	Yazan	MD	AEI2017	Outcomes Following Introduction of a Standardized Process To Improve Transitions of Care in a Surgical Practice	Original	Mayo Clinic Rochester	no	no	X			X	X	X				
AlJamal	Yazan	MD	AEI2018	Surgical Interns in 2017: Objective Assessment Suggests they are Better but Still DANGEROUS	Original Paper	Mayo Clinic Rochester	no	yes			X	X						
Alterman	Daniel	MD	AEI2010	Assessment of the core competencies in general surgery residents: A single institution experience	Non-AEI	UT Center for Advanced Medical Simulation/UTMCK	no	no			X	X		X				
Andolfi	Ciro	MD	AEI2016	Innovations In 3D Modeling And Surgical Planning In General Surgery	Work in Progress	University of Chicago	no	no			X	X	X					
Andolfi	Ciro	MD	AEI2017	A novel platform for simulation in transanal robotic surgery	Descriptive	University of Chicago	no	no	X									
Andreatta	Pamela	EdD, MFA, MA	AEI2009	Healthcare Teams Typology	NA	University of Michigan	no	no								X		
Andreatta	Pamela	EdD, MFA, MA	AEI2009	The Impact of Stress Factors in Simulation-based Laparoscopic Training"	NA	University of Michigan	no	yes							X			
Andreatta	Pamela	EdD, MFA, MA	AEI2010	Simulation-based mock code curriculum correlates with increased pediatric CPA survival rates	Original	University of Michigan	no	no	X	X		X	X	X				
Andreatta	Pamela	EdD, MFA, MA	AEI2010	Simulation-based training improves applied clinical placement of ultra-sound guided PCCs	Original	University of Michigan	no	no		X	X		X					
Andreatta	Pamela	PhD	AEI2011	Interdisciplinary team training identified significant discrepancies between institutional policies and clinical practice	Descriptive	University of Michigan	no	no				X	X					
Andreatta	Pamela	PhD	AEI2011	Interdisciplinary team training led to successful management of a rare Obstetric emergency	Original	University of Michigan	no	no		X		X	X	X				
Andreatta	Pamela	PhD	AEI2011	Low-Hanging Fruit: Using Clementines for laparoscopic surgery training in gynecological oncology	Original	University of Michigan	no	no	X	X	X		X	X				
Andreatta	Pamela	PhD	AEI2011	Simulator leads to clinical practice changes for bimanual uterine compression to control	Descriptive	University of Michigan	no	no		X		X						
Andreatta	Pamela	PhD	AEI2011	Sticky Situations: Using foam stickers for precision and tissue handling in laparoscopic training	Original	University of Michigan	no	no	X	X	X							
Anton	Nicholas	MS	AEI2018	Current Research Priorities in Surgical Simulation	Original Paper	Indiana University School of Medicine	yes	yes										Needs Assessment
Anton	Nicholas	MS	AEI2018	Mental Skills Training Limits Operative Skill Decay Under Stressful Conditions: Results of a Multi-Site Randomized Controlled Study	Poster Presentation	Indiana University School of Medicine	yes	no	X									
Anwer	Shumaila	MS	AEI2017	Development of Amputation Training Model for Surgical Skills Workshops	Original	University of Minnesota	no	no		X	X							
Arora	Anjali	MD	AEI2011	Anatomy-focused videos to supplement surgical curriculum	Descriptive	EVMS	no	no	X	X	X		X	X				
Arora	Sonal	MD, PhD	AEI2013	The Rule of '4s': A Theory-Driven Approach to Implementing Simulation into Surgical Training	Original	Imperial College London	yes	no	X	X								
Aulet	Tess	MD	AEI2017	Trauma Team Performance Training: Development and Pilot of and Interprofessional Monthly Simulation on the Trauma Service	Work in Progress	University of Vermont	no	no	X									

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Awad	Michael	MD, PhD	AEI2011	A Pilot Study on Real-Time Measures of Surgical Motions in Minimally Invasive Surgery	Original	Washington University School of Medicine	no	no		X	X								
Ayers	Joseph	MD	AEI2015	Pressurized Cadaver Flow Model (PCM): a Novel Model for Endovascular Surgical Training	Descriptive	Navy Medical Center San Diego	yes	no	X	X									
Bachman	Sharon	MD, FACS	AEI2016	Pooling Resources: Creation of a Surgical Bootcamp that Straddles Specialty Lines	Original	INOVA Health System	no	no			X	X							
Balderson	Chelsea	DDS, DNB	AEI2015	Emergency Medical Simulation Training for the General Dental Resident	Original	University of Tennessee Knoxville	no	no	X	X	X		X						
Baloul	Mohamed	MBBS	AEI2018	Knot Tying: Transforming Novice to Proficient Performance in less than 60 minutes. Can it be done?	Poster Presentation	Mayo Clinic Rochester	no	no		X	X								
Barlow	Patrick	BA	AEI2014	Maximizing Benefit: Five Strategies for Getting the Most from Your Survey Assessment Instruments	Descriptive	UT Center for Advanced Medical Simulation/UTMCK	no	no	X				X						
Bauman	Brent	MD	AEI2016	Interprofessional Collaboration Facilitates Enhancements of a Preparation for Internship Curriculum	Original	University of Minnesota	no	no	X		X		X						
Bauman	Brent	MD	AEI2017	Multiple Simulation Modalities Enhanced a Preparation for Surgical Internship Course	Original	University of Minnesota	no	no	X	X									
Bayci	Andrew	MD	AEI2014	A Novel Educational Module for Subclavian Venous Catheter Placement Using Ultrasound Guidance	Original	Beaumont Health System	no	no	X	X				X	X				
Beaubien	Jeffrey	PhD	AEI2010	Using Deliberate Practice to Train Higher-Order Skills in Laparoscopic Surgery	Work in Progress	Beaumont Health System	yes	no	X	X	X		X	X					
Berg	Katherine	MD	AEI2010	The Use of Simulation Hybrids in Skills Teaching and Assessment	Descriptive	Thomas Jefferson University	no	no	X	X	X								
Berg	Katherine	MD	AEI2010	When Do Physicians Learn Invasive Clinical Skills?	Original	Thomas Jefferson University	no	no			X		X						
Berg	Katherine	MD	AEI2011	A Curriculum Using Simulation to Teach Interns Paracentesis	Descriptive	Thomas Jefferson University	no	no	X										
Berg	Katherine	MD	AEI2011	Are Medical Students Being Taught Invasive Skills Using Simulation?	Descriptive	Thomas Jefferson University	no	no	X	X	X								
Beyer-Berjot	Laura	MD	AEI2013	Advanced Training in Laparoscopic Abdominal Surgery (ATLAS): a Systematic Review	Descriptive	Imperial College London/St. Mary's Hospital	yes	no		X									
Beyer-Berjot	Laura	MD	AEI2013	Surgical Training: Design of a Virtual Care Pathway Approach	Descriptive	Imperial College London/St. Mary's Hospital	yes	yes	X	X				X	X				
Beyer-Berjot	Laura	MD	AEI2014	Design of a Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery	Original	Imperial College London	yes	no	X	X	X				X				
Blood	Angela	MPH, MBA	AEI2014	A Model Curriculum of Immersive Simulation of Airway Emergencies to Enhance Professionalism in Resident Education	Work in Progress	University of Chicago	no	no	X	X	X								
Bonrath	Esther	MD	AEI2015	Identifying Learning Needs through Analysis of Coaching Profiles in Laparoscopic Bariatric Surgery	Original	University of Toronto	no	no	X	X	X								
Bourgeois	Darlene	MSN, RN	AEI2013	An Interdisciplinary Boot Camp Where Interns and Nurses Learn Together	Descriptive	Lahey Health System	no	no	X	X			X						
Bourgeois	Darlene	MSN, RN	AEI2015	Do Teamwork and Communication Concepts Learned in the Simulated Environment Transfer to the Trauma Bay?	Original	Lahey Health System	no	no	X	X	X		X						
Bourgeois	Darlene	MSN, RN	AEI2017	Optimizing Simulation-Based Interdisciplinary Teamwork Training for Medical and Nursing Students and Evaluating Its Long-term Effects	Original	Lahey Clinic	no	no											
Boyer	William	DHSc	AEI2012	Evaluation of Stress on Laparoscopic Skills of Surgical Residents in Simulation-Based Education	Research Idea	Lehigh Valley Health Network	no	no		X	X			X					

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Breaud	Jean	MD, PhD	AEI2012	Simulation enhances surgery residents' opinion on the importance of team working	Original	University of Nice	no	no				X		X	X							
Breaud	Jean	PhD	AEI2013	French language adaptation of the O.S.A.T.S score for a technical skills : methodology and preliminary results of the score adaptation	Research Idea	University of Nice	yes	no					X									
Breaud	Jean	PhD	AEI2014	Pediatric inguinal hernia tutorial using simulation. Development and validation of clinical and surgical models	Original	University of Nice	yes	no	X		X	X										
Brenner	Megan	MD, MS, FACS	AEI2017	Bridging the Gap between Acute Care Surgeons and Endovascular Techniques: Simulation Training for Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)	Original	University of Maryland	yes	no														
Britt	Rebecca	MD	AEI2013	Resident Perception of Barriers to Adequate Patient Handoff	Original	EVMS	no	no	X		X											
Britt	Rebecca	MD, FACS	AEI2014	Intracorporeal Suturing: Transfer from FLS to Cadavers Results in Substantial Increase in Mental Workload	Original	EVMS	yes	yes	X		X	X										
Britt	Rebecca	MD, FACS	AEI2016	The Effects of a Retention Interval and Refresher Session on Intracorporeal Suturing Skill and Mental Workload	Original	EVMS	yes	yes					X	X								
Brown	Daniel		AEI2010	Laparoscopic training in the UK	Original	Imperial College London	no	no			X			X								
Cannon	Todd		AEI2009	Phantom-Based Curriculum for Basics of Interventional Ultrasound	NA	University of Washington/ISIS	no	no										X				
Cappaert	Melissa	MA	AEI2018	Challenges for Maintaining Professionalism When Faced with Patient Discrimination and Harassment by Patients/Caregivers	Innovative Techniques	University of Chicago Medicine	no	no	X													
Cardenas	Francisco	MD	AEI2017	Using 3-D Anatomy Models Facilitates Cross-sectional Radiological Anatomy Learning for Surgery Residents: a randomized controlled crossover trial	Work in Progress	Mayo Clinic Rochester	no	no	X		X	X										
Castegren	Markus	MD, PhD	AEI2018	Will eye tracking video feedback enhance simulator performance?	Poster Presentation	Karolinska University Hospital	yes	no			X											
Chandrakaladhar	Ben Selvan	MS	AEI2010	A Focused and Dedicated One Week Basic Skills Curriculum Is Adequate To Reach The Expected Proficiency Level For First Year Surgery Residents In A Busy Residency Program.	Original	Penn Medicine Clinical Simulation Center	no	no	X		X	X	X									
Chauvin	Sheila	MEd	AEI2008	LSUHSC-NO Expands Surgical Education through Innovative Developments and Collaborations	NA	LSUHSC-New Orleans	no	no			X											
Chipman	Jeffrey	MD, FACS	AEI2009	Critical Response Simulations: Works in Progress	NA	University of Minnesota/SimPORTAL	no	no										X				
Choi	Yong	MD, FACS	AEI2014	Skills Degradation of Seasoned General Surgeons Subjected to Gaps in Standard Practice Patterns Due to Combat Deployments	Original	Dwight D. Eisenhower Army Medical Center/Fort Gordon	yes	no					X		X	X						
Chotiner	Marie	BA	AEI2015	The Utility of Electronic Tablets in ATLS Skills Evaluation	Descriptive	CAMLS	yes	no					X	X								
Chung	Rex	MD	AEI2016	Loss of skill retention of Intra-osseous catheter placement among residents over time	Original	Cedars Sinai	no	no	X			X	X									
Cody Thomas	Meredith	BA	AEI2015	Teaching With Technology – What Do Millennial Learners Need?	Original	Lahey Health System	no	np	X													
Cooke	James	MD	AEI2017	AEI best practices: A review of 2011 to present	Original	University of Michigan	yes	yes														

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Cooper	Jeffrey	PhD	AEI2009	A Six-part Program for Teamwork Improvement in Surgery	Work in Progress	Center for Medical Simulation	yes	no									X		
Cooper	Jeffrey	PhD	AEI2015	Faculty Development Practices at ACS AEI's	Research Idea	ACS AEI Faculty Development Committee	no	no	X	X									
Cox	Kristen		AEI2018	Laparoscopic Repair of Perforated Peptic Ulcers: A Low Fidelity Simulator and Training Curriculum for Surgical Skill Development	Poster Presentation	University of Minnesota	no	no				X							
Cox	Morgan	MD, MHS	AEI2018	Utilizing Brain Stimulation to Enhance Laparoscopic Technical Skills Training: A Randomized Controlled Trial	Innovative Techniques	Duke University	yes	no				X							
Cristancho	Sayra	PhD	AEI2011	Simulation-augmented training program for Off-Pump Coronary Artery Bypass surgery: Developing and validating performance assessments	Original	University of Western Ontario	no	yes	X				X						
Crochet	Patrice	MD	AEI2014	Current Use of Surgical Simulators in Gynecology Across French Academic Schools : a National Survey	Original	Assistance Publique des Hôpitaux de Marseille	yes	no				X							
Crochet	Patrice	MD	AEI2015	Development of an evidence-based virtual reality training curriculum for laparoscopic hysterectomy	Original	Assistance Publique des Hopitaux de Marseille	yes	no	X				X						
Curry	Christopher		AEI2018	The Role of Posture Assessment Tools in Identifying Trainees' Postures during Surgical Simulation	Original Paper	University of Minnesota/Mayo Clinic	yes	no				X	X						
DaRosa	Debra	PhD	AEI2009	A Model for Strengthening Faculty Teaching Effectiveness in a Skills Laboratory	NA	Northwestern University	no	no									X		
DaRosa	Debra	PhD	AEI2009	Organization of a curriculum Designed to Transfer Learning from skills Lab to Bedside	NA	Northwestern University	no	no									X		
Dawson	David	MD, FACS	AEI2010	Endovascular Procedure Simulation as an Assessment Tool for Vascular Surgeons	Non-AEI	UC Davis	yes	no					X						
Dedy	Nicholas	MD	AEI2013	Crew resource management training in surgical residency programs: A survey of North American program directors	Original	St. Michael's Hospital/University of Toronto	no	no	X	X			X						
Delgado	Stephanie	MD	AEI2018	Tissue Morcellation: A Simulation Curriculum for Gynecology Residents	Poster Presentation	Boston Medical Center	yes	no	X	X									
Delmonico	Theodore	MD	AEI2015	Creating a Policy Development Methodology Utilizing Simulation and Implementation of an Operating Room Emergency Checklist	Descriptive	Lahey Health System	no	no								X			
Derevianko	Alexandre	MD, MA	AEI2015	New Longitudinal Procedure-Specific Curriculum for Minimally Invasive Surgery Skills Training and Retention	Original	Grainger (NorthShore University)	no	no	X	X	X								
Doiron	Robert	MD	AEI2017	Successful Implementation and Improvements Identified with in-situ Simulated Resuscitation Cases	Work in Progress	UC Davis	no	no								X			
Dominguez	Edward	MD	AEI2013	Utilization of Operating Room Simulation to Enhance Surgical Resident Participation in the Surgical Timeout Checklists	Original	Riverside Surgical Associates	no	no	X	X	X				X				
Dong	Yue		AEI2009	Toward "High Stakes" Certification in Central Line Placement: Construct Validation of a Central Line Workshop Performance Metrics	NA	Mayo Clinic Rochester	no	no									NA	NA	NA
Dort	Jonathan	MD, FACS	AEI2016	Development of a Laparoscopic Appendectomy Silicone Training Model Using Three-Dimensional Printing Technology	Original	INOVA Health System	no	no											

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Duffy	Melissa	MA	AEI2015	Simulation versus Operating Room: Examining Relations between Emotional States, Learning Processes, and Technical Skills Performance across Training Environments	Work in Progress	McGill University	yes	no				X	X						
Dumon	Kristoffel	MD, FACS	AEI2017	Interprofessional Simulations to Inform Perioperative Facility Planning and Design	Original	Penn Medical Simulation Center	no	no											
Dunn	William	MD	AEI2008	Implementation and Educational Outcomes for a Central Line Workshop Subtitle: A Simulation Center and Procedural Skills Lab Collaborative	NA	Mayo Clinic Rochester	no	no					X						
El Youssef	Raphael	MBBS	AEI2009	Lower Gastrointestinal Endoscopy Simulation Training in a Surgical Skills Training Curriculum	NA	VirtuOHSU	no	no									X		
El Youssef	Raphael	MBBS	AEI2009	Use of a Colonoscopy Simulator to Improve the Learning Curve for General Surgery Residents	NA	VirtuOHSU	no	no										X	
Elliott	Kathleen	BSc(Hon), MB, BCh, MRCS	AEI2014	Evaluation of the Effectiveness of Self-Directed Learning Using a Take-Home Laparoscopic Simulator to Supplement Clinical Training	Original	Imperial College London	yes	no				X	X		X				
Enochsson	Lars	MD, PhD	AEI2011	Transfer of skills between virtual colonoscopy and laparoscopy	Original	Karolinska University Hospital	yes	no				X		X					
Enochsson	Lars	MD, PHD	AEI2012	Skills transfer between basic laparoscopic and colonoscopic simulator training	Original	Karolinska University Hospital	no	no				X	X	X		X			
Enochsson	Lars	MD, PhD	AEI2013	Technical and non-technical skills influencing laparoscopic performance among OBGYN residents	Original	Karolinska University Hospital	no	no	X		X	X				X			
Enochsson	Lars	MD, PhD	AEI2015	Basic skills training - black box or high fidelity simulators?	Original	Karolinska University Hospital	yes	no	X		X	X				X			
Enochsson	Lars	MD, PhD	AEI2016	Video Analysis of Path Length in Basic Skills Training: A Way to Expand the Value and Use of Basic Skills BlackBox Training?	Original	Karolinska University Hospital	yes	no					X	X					
Escher	Cecilia	MD	AEI2018	Simulation based teamwork training can reduce barriers between surgery and anesthesia - focus group interviews with experienced OR staff	Poster Presentation	CAMST	no	no								X			
Esparaz	Joe	MD	AEI2017	Simulated Trauma and Procedural Training in a Collaborative Human Cadaver Lab Integrating Emergency Medicine and General Surgery Residents: Effectiveness and Outcomes	Original	University of Illinois, Peoria	yes	no				X							
Farley	David	MD, FACS	AEI2008	Simulation Drives Our General Surgery Training Curriculum: A Work in Progress	NA	Mayo Clinic Rochester	no	no	X										
Farley	David	MD, FACS	AEI2009	\$500 REWARD: What Millennial Surgery Residents Will Do for a Buck	Work in Progress	Mayo Clinic Rochester	no	no									X		
Farley	David	MD, FACS	AEI2009	Using a 24/7 Audiovisual System to Create a Dynamic Surgical Curriculum and Assess Learners for Competency	Work in Progress	Mayo Clinic Rochester	no	no									X		
Farley	David	MD	AEI2011	No More Hotel Stays for ABS Examiners or Examinees: A Pilot Study to Assess the Internet as an Oral Exam Platform	Research Idea	Mayo Clinic Rochester	yes	no				X	X						
Fazendin	Jessica	MD	AEI2016	Self/Peer Resident Assessment of the Basics of Open Laparotomy Training (BOLT) on a Simulated Abdominal Model	Original	Drexel University	no	no					X	X					
Feher	Cathyann	RN, MSN	AEI2012	LVHN :The Level II Accreditation Journey	Descriptive	Lehigh Valley Health Network	no	no	X					X					

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Feher	Cathynn	RN, MSN	AEI2013	The Community as a Learner Group	Descriptive	Lehigh Valley Health Network	no	no					X	X					
Ferguson	Mark	MD	AEI2013	Physician Perception of Frailty and Role in Surgical Risk Assessment	Work in Progress	University of Chicago	no	no	X										
Fernandez	Gladys	MD	AEI2009	Development of high-fidelity simulated human tissue for surgical residency training	NA	Baystate Medical Center	no	no								X			
Fernandez	Gladys	MD	AEI2015	Roles of Simulation in Ebola Preparedness Training	Work in Progress	Baystate Simulation Center	no	no				X		X	X				
Fernandez	Joss	MD, FACS	AEI2016	Artificial Blood CF1 Demonstrating Reduced Volume Loss for Open Surgery Simulation in Human Cadavers	Original	MO Heart Center	no	no											
Fernandez	Gladys	MD	AEI2017	Macrosystem Simulations in a New Hospital Facility	Original	Baystate Health	no	no											
Figuredo	Edgar	MD	AEI2012	Creating the Pre-Trained Novice: A Structured Central Venous Catheterization Curriculum	Original	University of Washington/ISIS	no	no	X			X							
Gangemi	Antonio	MD, FACS	AEI2014	Manual Dexterity and Surgical Vocation: Which Came First?-Perhaps 3D Virtual Reality Simulators May Provide a Modern Answer to an Ancient Dilemma	Original	UIC	no	no				X	X	X					
Gangemi	Antonio	MD	AEI2015	Preliminary results of our simulation-based experience on the management of "blue codes" and emergent open conversion in the robotic operating room	Original	UIC	no	no	X	X		X	X	X	X				
Gangemi	Antonio	MD	AEI2015	The changing role of the surgical skills laboratory in the MIS training of general surgery residents: from a "cherry picking" approach to a standardized, proficiency-based curriculum	Original	UIC	no	no	X	X	X	X	X	X	X				
Gangemi	Antonio	MD, FACS	AEI2016	Does Musical Instrument Experience Correlate With Higher Performance On The Robot Simulator?	Original	UIC	no	no				X	X						
Gardner	Aimee	PhD	AEI2015	An examination of the "seductive details effect" in acquisition and transfer of laparoscopic suturing skills	Original	UT Southwestern	yes	yes	X	X	X	X							
Gardner	Aimee	PhD	AEI2016	Do Great Teams Think Alike? An Examination of Team Mental Models and their Impact on Team Performance	Original	UT Southwestern	no	yes											
Gardner	Aimee	PhD	AEI2018	Facilitating Accurate Team Self-Assessments: Can Simulation Play a Role?	Original Paper	Baylor College of Medicine	yes	no				X	X						Teamwork
Garon	Jeffrey	MD, BA	AEI2017	Improving cross specialty recognition of atypical skin lesions through experiential learning	Other	Conemaugh Memorial Hospital	no	no	X	X				X					
Garstka	Meghan	MD, MS	AEI2014	Effectiveness of Systems Changes Suggested by Simulation of Adverse Surgical Outcomes	Original	Tulane University School of Medicine	no	no		X			X	X					
Gas	Becca	BS	AEI2016	Serving Up Your Service: How Can YOU Assess Your Trainees?	Descriptive	Mayo Clinic Rochester	no	no	X			X	X						
Gauger	Paul	MD	AEI2008	Proficiency – Targeted Simulation Training of Novice Surgeons Results in Improved Laparoscopic Skills Measured in the Operating Room	NA	University of Michigan	no	no								X			
Gawad	Nada	HBSc	AEI2013	Introduction of a Comprehensive Training Curriculum in Laparoscopic Surgery for Medical Students: a Randomized Trial.	Original	St. Michael's Hospital/University of Toronto	no	yes	X	X	X				X				
George	Ivan		AEI2016	An interactive multicenter multi-national virtual grand rounds for ACS AEI	Original	Anne Arundel	yes	no				X	X						
George	Ivan		AEI2017	First Year of Virtual Grand Rounds: A Report from the Technologies and Simulation	Original	Anne Arundel	yes	no											

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							Multi-Institutional Study	Manuscript Published in Surgery	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other
Glamer	Carly	MD	AEI2013	Using Video Motion Analysis to Quantify Technical Performance	Original	University of Wisconsin	yes	yes	X		X			X				
Godfrey	Martha	MD	AEI2018	Teaching Practicing Surgeons What Not to Do: An Analysis of Instructor Coaching Fluidity During a Simulation Based CME Course	Poster Presentation	University of Wisconsin, Madison	yes	yes			X							
Goh	Alvin	MD	AEI2009	Fundamentals of Robotic Surgery (FRS): Inanimate tasks for robotic surgical skills assessment and training	NA	MITIE	yes	no									X	
Goh	Alvin	MD	AEI2009	GEARS: An assessment tool to measure robotic surgical skills	NA	MITIE	yes	no									X	
Gower	Jonathan	MD	AEI2016	A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures	Original	Naval Med Ctr San Diego	no	no				X	X					
Graling	Paula	DNP, RN	AEI2016	Inter-professional Education and Simulation to Improve Knowledge Retention of CAUTI	Original	INOVA Health System	no	no	X		X	X						
Greer	Joy	RN, BSN	AEI2017	In Situ Multidisciplinary Obstetric Team Training for Emergencies: Maximizing Training Opportunities while Sensing Latent Threats to Patient Safety	Original	Naval Hospital Portsmouth	no	no						X				
Gregory	James	MD	AEI2012	Acquisition of New Skills By Novices: Effect of Three Different Instructional Methods	Original	Conemaugh Memorial Hospital	no	no	X	X	X							
Gregory	James	MD	AEI2012	Differences Between Resident Specialties, Education & Faculty: Results of an All GME Resident Boot Camp	Original	Conemaugh Memorial Hospital	no	no	X	X	X		X	X				
Grewal	Harsh	MD, FACS	AEI2009	Can surgical skills training of novice medical students in the laboratory improve their technical skill and satisfaction with their surgical clerkship?	Original	Temple University Hospital	no	no								X		
Grewal	Harsh	MD, FACS	AEI2009	Introducing team training and crisis management in the surgical residency program.	NA	Temple University Hospital	no	no									X	
Guido	Jenny	MD	AEI2016	Computerizing the ATLS® Post-Test: Implications for Further Study	Original	USF	no	no										
Gwillim	Eran	MD	AEI2015	Error Tolerance: A New Psychomotor Performance Metric in Laparoscopic Surgery	Original	University of Wisconsin	no	no			X	X						
Hafey	Robert	BS	AEI2012	The Anatomy of Bronchoscopy Simulation: Enhancing Experiential Learning through Embedded Research Algorithms (EMA)	Work in Progress	SiTEL's Clinical Simulation Center of MedStar Health	no	no	X	X	X	X	X					
Hafiz	Shabnam	MD, MPH	AEI2016	Using Heart Rate Variability to Assess Acute Stress During Simulated Trauma Resuscitation	Original	Medstar/SITEL	no	no										
Hamman	William	MD, PhD	AEI2010	Surgical In-situ Simulations	Work in Progress	Beaumont Health System	no	no	X	X		X						
Hamman	William	MD, PhD	AEI2010	The Missing Link: Integrating the Patient Population with Surgical Education through Web-based Training and In-situ Simulation®	Research Idea	Beaumont Health System	no	no	X	X		X	X					
Hananel	David	BS	AEI2017	Unified Field Theory of Health Care Simulation	Descriptive	UW-CREST	no	no										
Harmon	James	MD, PhD	AEI2015	Surgical Skills Simulation Workshops Enhance the Effectiveness of Surgical Interest Groups	Descriptive	University of Minnesota	no	no	X	X								
Hartman	Julie	DC, MS	AEI2018	Implementation of Institution-wide Central Venous Catheter Insertion Certification Program	Poster Presentation	University of Iowa Center for Procedural Skills and Simulation	no	no						X				





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James	Ted	MD, MS, FACS	AEI2014	Enhancing Interprofessional Collaboration through Simulation-Based Team Training in Clinical Oncology	Original	University of Vermont	no	no	X	X	X	X	X				
Jasper	Edward	MD	AEI2011	Integration of Procedural Skills Simulation and Just In Time Training into an Advanced Physical Diagnosis Program	Work in Progress	Thomas Jefferson University	no	no	X	X	X		X				
Jasper	Edward	MD, MPH	AEI2018	Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students	Poster Presentation	Thomas Jefferson University	no	no	X								
Jastrzembki	Tiffany	PhD	AEI2014	Surgical Skill Performance Prediction: Application of a Cognitive Model to Laparoscopic Skill Retention Simulation Training	Original	Air Force Research Laboratory/Wright-Patterson AFB	yes	no	X		X						
Jensen	Aaron	MD	AEI2009	Validity of Leak Pressure Testing for Bowel Anastomosis Quality	NA	University of Washington/ISIS	no	no							X		
Johnson	Jeremy	MD	AEI2012	Variations in Procedure Time Based on PGY Level of General Surgery Residents	Descriptive	University of Oklahoma	yes	no	X	X	X	X		X			
Johnston	Maximilian	MB, BCh	AEI2014	Escalation of Care in Surgery: a Systematic, Proactive Risk Assessment of Clinical Supervision	Original	Imperial College London	no	no			X						
Jones	Matt		AEI2010	Development and Evaluation of an Open Aortic Aneurysm Repair Simulation	Non-AEI	UT Center for Advanced Medical Simulation/UTMCK	no	no	X	X	X						
Joseph	Rohan		AEI2009	Simulated Operating Room Crisis during Robotic Surgery using a Completely Portable Human Patient Simulator (HPS)	NA	MITIE	no	no									X
Joseph	Rohan		AEI2009	Use of a Novel Thermal and Visual Facial Mapping System to Measure Stress in Surgeons May Provide a Valuable Metric in Surgical Skills Acquisition	NA	MITIE	no	no							X		
Karbach	Lauren	BA	AEI2013	Creation of a cost-effect per diem medical student work force for a busy American College of Surgeons Accredited Education Institute (AEI) – a model for use by consortium members	Original	MITIE	no	no	X								
Kastenmeier	Andrew	MD	AEI2011	Integration of a Curriculum for the Surgeons Training Endoscopic Proficiency (STEP) Program into General Surgery Residency	Work in Progress	Lahey Health System	no	no	X	X							
Khamis	Nehal	MD, PhD, MEd	AEI2015	A Stepwise Approach for Simulation-based Curriculum Development for Clinical Skills	Original	College of Medicine, King Saud University	no	no	X	X	X	X					
Khatri	Avni	BS	AEI2016	A Flexible Platform for Building Cumulative Milestone-Based Surgical Resident Portfolios	Descriptive	MGH	no	no	X		X	X					
Kim	Sara	PhD	AEI2009	Methodologies for Establishing Validity in Surgical Simulation Studies	NA	University of Washington/ISIS	no	yes						X			
Kim	Sara	PhD	AEI2013	The Future of Surgical Training: National Needs Assessment of Stakeholders	Original	ACS AEI Curriculum Committee Study Paper	yes	yes	X			X	X				
Kim	Sara	PhD	AEI2009	Faculty Retention Strategies at Institute for Simulation and Interprofessional Studies (ISIS)	NA	University of Washington/ISIS	no	no									X
Kishiki	Tomokazu	MD, PhD	AEI2016	Operation room fire simulation study effectively prepares operating room staff for fire	Original	Grainger/NorthShore	no	no									
Klar	Melinda	RN	AEI2017	The Translation of Simulation-Based Sharps Safety Education to Clinical Surgical Practices	Work in Progress	UTCAMS	no	no			X		X	X			

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Korndorffer, Jr.	James	MD, MHPE, FACS	AEI2012	The American College of Surgeons / Association of Program Directors in Surgery National Skills Curriculum: Adoption Rate, Challenges and Strategies for Effective Implementation into Surgical Residency Programs	Original	Tulane University School of Medicine	no	yes					X	X							
Koval	Valentyna		AEI2010	Simulation-based distance education: practice and challenges	Original	CESEI	no	no	X	X	X	X									
Lachapelle	Kevin	MD, FACS, FRCSC	AEI2015	Patient Specific Simulation for Aortic Surgery Pre-procedural training	Original	McGill University	no	no	X	X											
Landmann	Alessandra	MD	AEI2017	Out of the OR and Before the Bench: How to Prepare Surgical Residents for their First Interaction with Attorneys	Descriptive	University of Oklahoma HSC	no	no						X							
LaPorta	Anthony	MD, FACS	AEI2014	Immersion Training in Simulation Brings Hyper-Realism to Training	Original	Rocky Vista University School of Medicine	yes	no	X	X	X	X	X	X	X						
LaPorta	Anthony	MD, FACS	AEI2015	The Correlation of Salivary Cortisol and Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and Medical Student Training	Original	Rocky Vista University School of Medicine	yes	no	X	X	X	X									
LaPorta	Anthony	MD, FACS	AEI2016	Measuring the Tools of the Future: How Will We Tell the Effectiveness of Training	Original	Rocky Vista University School of Medicine	yes	no	X		X	X	X	X							
LeBel	Marie-Eve	MD, FRCSC	AEI2011	Determination of Standardized Tasks and Assessment for a Simulation-Based Curriculum in Arthroscopic Knee Surgery	Research Idea	University of Western Ontario	no	no	X	X											
LeBel	Marie-Eve	MD, MHPE, FRCSC	AEI2015	Observational Learning During Simulation-based Training In Arthroscopy: Is It Useful To Novices?	Original	University of Western Ontario	no	no	X	X	X										
LeBlanc	Justin	MD, FRCSC	AEI2015	Eye-Gaze Strategies Affect Performance on Arthroscopic Simulators	Original	University of Calgary (University of Toronto)	yes	no	X	X	X										
Leong	Michelle	BS	AEI2017	Mentorless Training Program Results in Significant Improvement in Students' Surgical Skills	Research Idea	Grainger/Northshore	no	no				X									
Leraas	Harold	MA, BS	AEI2017	Instituting a Surgical Skills Competition Increases Technical Performance of Surgical Clerkship Students Over Time	Original	Duke University	no	no	X												
Lewis	Trystan	MB, BS, BSc, MRCS	AEI2011	Can virtual reality simulation be used for advanced bariatric surgical training?	Original	Imperial College London	no	yes				X	X			X					
Lewis	Barbara	MS, RN	AEI2018	Use of Innovative Approaches to Create a Specialty Specific Urology Skills Program	Poster Presentation	University of Wisconsin	yes	no	X												Innovative Techniques
Liberman	Sender		AEI2009	Workshop Using Standardized Patients to Evaluate the Communication Skills of Surgical Residents	NA	McGill University	no	no										X			
Liebert	Cara	MD	AEI2015	Student Perceptions of a Simulation-Based Surgery Clerkship Flipped Classroom	Original	Stanford University	no	yes	X	X			X	X							
Louie	Michael	MD	AEI2008	Long-term Impact of the Robot Assisted Laparoscopic Prostatectomy Mini-Residency Training on Post-Graduate Urologic Practice Patterns	NA	UC Irvine	no	no					X		X						
Loukas	Costas	PhD	AEI2010	Deconstructing Laparoscopic Competence in a Virtual Reality Simulation Environment	Original	University of Athens	no	yes					X	X							
Loukas	Costas	PhD	AEI2010	Evaluating the Effectiveness of Virtual Reality Simulation Training in Intravenous Cannulation	Original	University of Athens	no	no	X	X	X				X						
Loukas	Constantinos	PhD	AEI2011	A Comparison Study of Basic Skills Acquisition with Virtual Reality and Physical Reality Simulation Training	Original	University of Athens	no	no	X	X	X			X							

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Loukas	Costas	PhD	AEI2013	The Relative Contribution of Mixed Training in the Acquisition of Advanced Laparoscopic Skills	Original	University of Athens	no	no				X							
Louridas	Marisa	MD	AEI2014	Hazard Zones: For Focused Complex Laparoscopic Surgical Skills Training	Original	University of Toronto	no	no	X	X				X					
Louridas	Marisa	MD	AEI2015	Optimizing the selection of general surgery residents: a national consensus	Original	University of Toronto	yes	no				X							
Luciano	Cristian	PhD	AEI2015	What would be the Role of Haptics if Incorporated in Robotic Surgery?	Original	UIC	no	no	X	X	X				X				
Lyle	Cara	MD	AEI2018	Effects of Sequential, Supervised Simulation Training on the Acquisition and Long-term Retention of Vascular Surgical Skills	Innovative Techniques	West Virginia University Hospitals	no	no	X	X					X				
Maag	Anne-Lise	MD	AEI2014	Use of Error Analysis to Assess Resident Performance	Original	University of Wisconsin	no	yes		X	X								
Manuel-Palazuelos	Carlos	MD, PhD	AEI2015	I Have to Learn Laparoscopic Latero-Lateral Small Bowel Anastomosis: How Long Will it Take?	Original	Hospital virtual Valdecilla	no	no		X	X				X				
Martin	John	MD	AEI2018	Performance Variability During Training on Simulators Predicts Skill Transfer	Original Paper	Indiana University	yes	yes				X							Performance Assessment
Mavrantonis	Konstantinos	MD, PhD, FACS	AEI2017	The Use of Virtual Reality Simulators in Laparoscopic Colectomy Training	Original	Hygeia Hospital	no	no	X	X			X						
Mazer	Laura	MD	AEI2016	Faculty perceptions of barriers to completing surgical resident assessments: A multi-institutional qualitative needs assessment	Original	Stanford University	no	no				X	X						
McClintic	James	MS	AEI2016	Pilot Testing of a Simulation Based Model for Suture Repair of Laparoscopic Bleeding	Original	UTMB	no	no				X	X						
McDougall	Elsbeth	MD, FRCSC, MHPE	AEI2008	Four-Year Curriculum for Urology Residency Training	NA	UC Irvine	no	no	X										
McDougall	Elsbeth	MD, FRCSC, MHPE	AEI2009	Developing A Performance Assessment Device for the Laparoscopic Transperitoneal Nephrectomy Procedure	NA	UC Irvine	yes	no								X			
McDougall	Elsbeth	MD, FRCSC, MHPE	AEI2009	Longterm Impact of a Laparoscopic Renal Surgery Mini-Fellowship on Postgraduate Urologic Practice Patterns.	NA	UC Irvine	no	no								X			
Meara	Michael	MD, FACS	AEI2018	A Robotic Surgical Curriculum for Chief Resident Exposure and Experience	Poster Presentation	The Ohio State University Wexner Medical Center	no	no	X	X			X						
Meier	Andreas	MD, FAAP, FACS	AEI2008	Enhancing a General Surgery Residency Curriculum through Integration of an Online Content Management System	NA	Penn State Hershey Medical Center	no	no	X										
Menard	Josue	MD	AEI2018	The Use of Virtual Humans in a Simulated OR for Surgical Education	Innovative Techniques	University of Florida, Jacksonville	yes	no	X										
Mickelson	Dayne		AEI2009	Problem Based Learning (PBL) with Supplemental Interactive Medical Multimedia (PBL-SIMM)	NA	University of Washington/ISIS	no	no									X		
Miller	Zachary	BS	AEI2018	A Preclinical Cadaveric Evaluation of the Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Catheter	Poster Presentation	University of Minnesota	no	no						X					
Minneti	Michael	BS	AEI2017	The Development and Implementation of a Pressurized Cadaver Simulation Curriculum	Descriptive	USC	no	no	X			X							
Mitchell	Erica	MD, FACS	AEI2009	Development of a Basic Vascular Specific Surgical Skills Laboratory	NA	VirtuOHSU	no	no							X				
Mitchell	Erica	MD, FACS	AEI2010	The Current Educational Value of Morbidity & Mortality Conference	Original	VirtuOHSU	no	no				X	X						
Mittal	Vijay	MD	AEI2013	Laboratory Simulation is Useful in Training Residents in Bowel and Vascular Anastomosis	Research Idea	Providence Hospital and Medical Centers	no	no	X	X					X				

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Miyasaka	Kiyoyuki	MD	AEI2014	Development and implementation of a clinical pathway approach to simulation-based training for foregut surgery	Original	University of Pennsylvania	no	no	X	X		X						
Miyasaka	Kiyoyuki	MD	AEI2014	From the Trauma Bay to the ICU: a novel horizontal simulation curriculum for surgical residents	Original	University of Pennsylvania	no	no	X	X	X	X	X					
Mizota	Tomoko	MD	AEI2018	What Errors Do Surgical Residents Commonly Commit?	Original Paper	Indiana University School of Medicine	yes	no										Needs Assessment
Moglia	Andrea	PhD	AEI2014	Assessment of subjects without experience in minimal access surgery performing a suture task at da Vinci robot	Original	EndoCAS	no	no	X	X	X							
Moglia	Andrea	PhD	AEI2016	Does previous exposure to videogames and/or practice with musical instruments influence performance on a virtual simulator for robot-assisted surgery?	Original	EndoCAS	no	no										
Moglia	Andrea	PhD	AEI2017	Proficiency gain curve and skills retention at a virtual simulator for robot-assisted surgery: a blind study	Original	EndoCAS	no	no										
Mohan	Monali	MD	AEI2016	Oh, The Stress of Simulation! Role of Skin Conductance as A Stress Indicator in Surgical Education.	Work in Progress	Mayo Clinic Rochester	no	no			X	X						
Mohan	Anita	MBBS	AEI2018	Microsurgical Skills Training Course: The Effect on Microsurgery Trainees' Confidence and Workload	Poster Presentation	Mayo Clinic Rochester	no	no			X							
Molina	Maria	MD	AEI2017	Development of In-Situ Simulation Lab for Training Gynecology Residents in Basic Laparoscopic and Hysteroscopic Operative Skills	Descriptive	San Antonio Military Medical Center	no	no	X	X								
Molina	Marcos	MD	AEI2017	Increasing survival of healthcare personnel during an active shooter attack: Establishing Face Validity of an interactive simulation training as a better teaching modality	Work in Progress	University of Minnesota	no	no	X									
Molina	Marcos	MD	AEI2018	One's SIM trash is another's SIM treasure: SimPortal experience in the building of a percutaneous gastrostomy (PEG) skill trainer.	Poster Presentation	University of Minnesota	no	no		X								
Montero	Paul	MD	AEI2010	Deficiencies of the Surgical Curriculum Exposed	Original	Carolinas Healthcare System	no	no	X	X	X	X						
Moorman	Matthew	MD, FACS	AEI2015	CORNERSTONE: Implementing Universal Patient Safety Checklist Discipline During the First Year of Medical School	Original	Cleveland Clinic	yes	no	X	X		X	X					
Moses	Gerald	PhD	AEI2009	External Review and Endorsement in Support of Business Plans for Simulation Centers	NA	MASTRI	no	no									X	
Mullinax	Ross	MD	AEI2016	Effect of Team Training on Resuscitation Times and Critical Errors in Simulated Trauma Following Shipboard Surgical Trauma Training (S2T2) Curriculum—Cumulative Data	Original	Rocky Vista University School of Medicine	no	no										
Murphy	Lara	DPM, BSc(Hons)	AEI2016	Direct Anterior Approach THA Course Curriculum: An Interprofessional and Experiential Learning Model	Work in Progress	CSTAR	no	no	X									
Nagar	S	MD	AEI2010	Assembling the Puzzle that is Surgical Education: A Look at a Proficiency-Based Knot-Tying and Suturing Curriculum	Research Idea	Beaumont Health System	no	no	X	X	X							
Naik	Nimesh	MD	AEI2017	Personalized video feedback to improve "at home" pre-residency preparation of surgical interns	Original	Mayo Clinic Rochester	yes	yes										

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Nepomnayshy	Dmitry	MD, FACS	AEI2013	Preparing to Save a Life - Simulation Course for Penetrating Thoracic Trauma in a Low Volume Hospital	Descriptive	Lahey Health System	no	no	X	X	X							
Nepomnayshy	Dmitry	MD	AEI2018	Calculating the Return on Investment – Quantifying the Value of Simulation Training for Housekeeping	Original Paper	Lahey Clinic	yes	no				X						
Nguyen	Ngan	PhD	AEI2016	Efficacy of a simulation-based training program for improving the communication skills of general surgery and obstetrics and gynecology residents	Original	Ohio Health	no	no			X	X						
Ormond	George	MD	AEI2017	A Comparison of Rotation-Integration and Block-time Integration of the ACS/APDS Surgical Skills Curriculum	Work in Progress	University of Vermont	no	no	X	X	X	X						
Orzech	Neil	MD	AEI2009	Impact of a Structured Training and Assessment Curriculum (STAC) on the Quality of Skill Acquisition in MIS	Work in Progress	University of Toronto	no	no									X	
Orzech	Neal	MD	AEI2010	A Comprehensive Curriculum for Advanced Laparoscopic Skills	Original	University of Toronto	no	no		X	X			X				
Ozawa	Edwin	MD, PhD	AEI2012	Initial Steps Towards the Development of a De Novo Simulation-Based Anesthesia Curriculum	Work in Progress	Lahey Health System	no	no	X	X			X					
Paige	John	MD, FACS	AEI2009	Role of Instruction Method in Novices' Acquisition of Minimally Invasive Surgical (MIS) Basic Skills	NA	LSUHSC-New Orleans	no	no								X		
Paige	John	MD, FACS	AEI2011	Behavioral Impact of Inter-Professional Student Operating Room Team Training using High Fidelity Simulation	Original	LSUHSC-New Orleans	no	no	X	X	X		X					
Paige	John	MD, FACS	AEI2012	Laparoscopic Cholecystectomy Simulation-Based Training: Does the Type of Trainer Matter?	Original	LSUHSC-New Orleans	no	no	X	X	X	X	X	X				
Paige	John	MD, FACS	AEI2013	Thinking it Through: Correlation of Mental Rehearsal Attitudinal Gains with Performance Parameters on Two Separate Laparoscopic Cholecystectomy Trainers	Original	LSUHSC-New Orleans	no	no	X	X								
Paige	John	MD, FACS	AEI2014	Through the Looking Glass: Comparison of Self-, Peer-, and Observer-based Assessment of Students during Inter-Professional Team Training	Original	LSUHSC-New Orleans	no	no	X	X	X	X	X					
Paige	John	MD	AEI2018	Evaluating the Quality of Video-taped Debriefings after Simulation Team Training	Original Paper	LSUHSC SCHOOL OF MEDICINE	yes	yes		X								
Palter	Vanessa	MD	AEI2010	The innovative use of consensus methodology to develop a technical skills evaluation tool.	Descriptive	University of Toronto	no	no	X		X							
Palter	Vanessa	MD	AEI2011	Developing a Proficiency-Based Virtual Reality Technical Skills Training curriculum for Laparoscopic Colorectal Surgery	Original	St. Michael's Hospital/University of Toronto	yes	no	X									
Pandian	TK	MD, MPH	AEI2016	Trainee Impressions of Instructor Expertise in Surgical Simulation and Education	Original	Mayo Clinic Rochester	no	no	X		X	X						
Park	Adrian	MD	AEI2008	The MASTRI Center	NA	MASTRI	no	no				X						
Pearl	Richard	MD, FACS, FRCS	AEI2016	Validation and A New Pump for the "Live Cadaver" Exercise for Improving Trauma Team Training	Original	UIC	no	no										
Pentiak	Patricia	MD	AEI2012	Barriers to the Adoption of the ACS/APDS Skills Curriculum	Original	Beaumont Health System	no	yes	X	X								
Perosky	J		AEI2010	A low cost simulator to reduce global rates of maternal mortality	Original	University of Michigan	no	no	X	X			X					

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Perrenot	Cyril	MD	AEI2013	Face, content, construct validity and learning curve in robotic surgery simulation training: results of a multicentric evaluation of dV-Trainer®	Original	Lorraine University	yes	no	X	X	X	X						
Phitayakorn	Roy	MD, MEd	AEI2014	Practicality of Using Galvanic Skin Response to Measure Intra-operative Physiological Autonomic Activation in Operating Room Team Members	Descriptive	MGH	no	yes					X	X				
Phitayakorn	Roy	MD, MEd	AEI2014	The Relationship between Intra-operative Teamwork and Quality of Patient Care	Descriptive	MGH	no	yes					X	X	X	X		
Phitayakorn	Roy	MD, MEd, FACS	AEI2015	The Tell-Tale Heart and Team Crisis Simulation in an In-Situ Operating Room	Original	MGH	no	no				X	X					
Polk	Travis	MD, FACS	AEI2016	STOMP- Skills Training for Operational Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns	Original	Naval Med Ctr Portsmouth	no	no	X									
Poniatowski	Lauren	MS	AEI2016	Defining and Simulating Needle Insertion Forces for Percutaneous Renal Access	Original	University of Minnesota	no	no										
Poniatowski	Lauren	MS	AEI2016	Enhancing the realism of a surgical simulation cadaver lab using intravascular pressurization technique	Original	University of Minnesota	no	no										
Potochny	John	MD, FACS	AEI2012	Nurse Training with Simulation: An Innovative Approach to Teach Complex Microsurgery Patient Care	Descriptive	Penn State Hershey Medical Center	no	no	X	X		X						
Prabhakar	Nicholas	BA	AEI2018	Video Training Works for Professional Sports, Might it be Effective in Training Resident Eyes and Minds for the OR?	Poster Presentation	Mayo Clinic Rochester	no	no					X					
Pucher	Philip	MD, MRCS	AEI2013	Simulation For the Assessment of Ward-based Surgical Care: Validation of the Simulated Ward and a Novel Assessment Tool	Original	Imperial College London	no	no	X	X	X							
Pucher	Philip	MD, MRCS	AEI2014	Surgical care checklists to optimise patient care following post-operative complications	Original	Imperial College London	yes	no	X			X			X			
Pugh	Carla	MD, PhD, FACS	AEI2008	The Cognitive Side of Surgery	NA	Northwestern University	no	no				X						
Pugh	Carla	MD, PhD, FACS	AEI2009	Outcome Measures for Surgical Simulators: Is the focus on technical skills the best approach?	Original	Northwestern University	yes	yes								X		
Pugh	Carla	MD, PhD, FACS	AEI2009	The Theoretical Basis for Fabricating High Fidelity Simulation Tools for Honing Complex Surgical Skills	Original	Northwestern University	yes	no								X		
Pugh	Carla	MD, PhD	AEI2011	Use of decision based simulation to explore shared mental models in the operating room	Original	Northwestern University	no	no				X		X				
Pugh	Carla	MD, PhD, FACS	AEI2012	Survey-Based Team Assessments: A Critical Evaluation Of Behavioral Constructs And Item Selection	Original	Northwestern University	no	no				X	X					
Pugh	Carla	MD, PhD, FACS	AEI2013	Assessing the Validity and Reliability of Two GME Performance Assessment Tools for CME	Original	University of Wisconsin	yes	no				X						
Radcliffe	Benjamin	MD	AEI2012	Simulation Based Training in High Risk/Low Frequency Situations: A Case Presentation	Descriptive	Riverside Methodist Hospital	no	no	X	X	X	X	X	X	X			
Raghavendra	Rao	MD	AEI2016	Do Non-Technical Skills Improve with Technical Skills Training? A Comparison of Non-Technical Skills Rating and Operative Performance Rating in Simulation	Original	University of Pennsylvania	no	no	X			X	X					

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Raines	Alexander	MD	AEI2013	The Effects of the Addition of a Pediatric Surgery Fellow on the Operative Experience of the General Surgery Resident	Descriptive	Oklahoma University Health Sciences Center	no	no		X		X							
Raman	Jaishankar	MD	AEI2015	Simulation-based Training for Safety Incidents: Lessons from Analysis of Adverse Events in Robotic Surgical Systems	Work in Progress	Rush University Medical Center (University of Chicago)	yes	no	X	X				X					
Reighard	Chelsea	MS	AEI2018	Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed Surgical Simulator	Innovative Techniques	University of Michigan	no	no	X	X			X						
Reihsen	Troy		AEI2009	A Novel 3D Video Telemedicine System for Education	NA	University of Minnesota/SIMPOTAL	no	no									X		
Reihsen	Troy		AEI2015	Cadaveric Model for Training and Assessment of Traumatic Wound Management and Hemorrhage	Original	University of Minnesota	no	no	X	X				X	X				
Rittenhouse	Neil	MHSc	AEI2011	Design and Validation of a Model for Training and Assessment of Procedural Skills in Open Surgery	Original	University of Toronto	yes	no	X	X	X				X				
Ritter	Kaitlin	MD	AEI2017	Simulation Training Improves Surgical Resident Comfort with Airway Management	Original	Cleveland Clinic	no	no	X										
Roitberg	Ben	MD	AEI2013	Introduction of VR Simulation Based National Training Course on Neurosurgery at Congress of Neurological Surgeons (CNS): Preliminary Results	Research Idea	University of Chicago	no	no	X	X	X	X		X					
Roitberg	Ben	MD	AEI2013	Pilot Study Using Virtual Reality Simulation to Create a Novel Objective Test Battery of Sensory-motor Skills in Candidates for a Surgical Residency.	Work in Progress	University of Chicago	no	no	X	X	X								
Rooney	Deborah	PhD	AEI2009	Administrative Considerations When Implementing ACS Skills Curriculum	Descriptive	Northwestern University	no	yes									X		
Rooney	Deborah	PhDc	AEI2011	Can Skills Coaches be Used to Assess Resident Performance in the Skills Laboratory?	Original	Northwestern University	yes	yes	X	X	X								
Rooney	Deborah	PhDc	AEI2011	Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Assessment: Surgeon Versus Non-surgeon Raters	Original	Northwestern University	yes	no					X						
Rooney	Deborah	PhD	AEI2012	Can Peers be Used to Assess Resident Performance in the Skills Laboratory?	Original	Northwestern University	no	no	X	X	X	X		X					
Rooney	Deborah	PhD	AEI2012	Using a Many-Facet Rasch Measurement Approach for Validation of Central Venous Catheter Tool Used in Verification of Proficiency Examination	Original	Northwestern University	yes	no	X	X	X								
Rooney	Deborah	PhD	AEI2013	Fundamentals of Laparoscopic Surgery Manual Test: Is videotaped performance assessment an option?	Work in Progress	University of Michigan	no	no	X		X	X							
Rooney	Deborah	PhD	AEI2014	A Video-based Method for Assessing Proctors' Scoring of the Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Exam	Original	University of Michigan	no	no			X	X							
Rooney	Deborah	PhD	AEI2015	A Simulator and two tools: Validation of performance measures from a novel neurosurgery simulator using the current Standards framework	Descriptive	University of Michigan	no	yes	X	X	X			X	X				
Rooney	Deborah	PhD	AEI2016	Evaluation of a Multispecialty, Self-Directed, Simulation-based Learning Program	Original	University of Michigan	no	no			X	X							



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Rooney	Deborah	PhD	AEI2017	Value-based Simulator Selection: The Creation and Evaluation of the Simulator Value Index Tool	Original	University of Michigan	yes	yes										
Rooney	Deborah	PhD	AEI2018	Michigan Hip Curriculum: Early evaluation of a new curriculum for diagnosis of developmental hip dysplasia	Innovative Techniques	University of Michigan	no	no	X									
Rowse	Phillip	MD	AEI2014	Simulating Azygos Vein Ligation - Deliberate Practice is Invaluable	Original	Mayo Clinic Rochester	no	no	X	X	X							
Rowse	Phillip	MD	AEI2014	Video Skills Curricula and Simulation: A Synergistic Way to Teach Two-Layered Handsewn Small Bowel Anastomosis	Original	Mayo Clinic Rochester	no	no	X	X	X							
Ruis	Andrew	PhD	AEI2017	Modeling Operative Thinking in a Simulation-Based Continuing Medical Education Course on Laparoscopic Hernia Repair	Original	University of Wisconsin	no	no		X								
Ruparel	Raaj	MD	AEI2013	A \$4.87 Model for Teaching and Assessing Basic Tube Thoracostomy Techniques	Original	Mayo Clinic Rochester	no	no		X								
Ruparel	Raaj	MD	AEI2013	Perceptions of Surgical Task Trainers – What Do Trainees Prefer?	Original	Mayo Clinic Rochester	no	no	X	X	X	X						
Ruparel	Raaj	MD	AEI2013	Pushing the Milestone Project Further: Using X- Games (Simulation-Based Assessment) to Determine Promotional Eligibility among General Surgery Residents – A Preliminary Experience	Original	Mayo Clinic Rochester	no	no			X	X	X					
Ruparel	Raaj	MD	AEI2013	Teaching the Essentials of Endocrine Surgery via Low-Cost, Low-Fidelity Simulation – A Clever Use of Yarn and Felt	Original	Mayo Clinic Rochester	no	no	X	X	X					X		
Ruparel	Raaj	MD	AEI2014	Complications Related to Chest Tube Placement at the Mayo Clinic and a Plan for Quality Improvement	Original	Mayo Clinic Rochester	no	no	X	X		X	X	X				
Rush	Robert	MD	AEI2013	Utilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather conditions.	Original	Madigan Army Medical Center	no	no	X	X	X	X	X					
Saleem	Humza	MD	AEI2018	Low Fidelity Materials Yield High Resolution Assessment of Anatomical Knowledge...Really?	Original Paper	Mayo Clinic Rochester	no	yes	X		X							
Sankaran	Naveen Kumar	MS	AEI2017	Sepsis Training using Interactive Virtual Reality (IVR)	Original	University of Illinois-Urbana	yes	no	X	X	X	X						
Santos	Erlan	MD	AEI2011	A Hybrid 3-D VR/Physical Pelvis for Training Surgically Relevant Anatomic Principles	Original	University of Minnesota/SIMPOTAL	no	no	X	X	X							
Sarosi	George	MD	AEI2018	Towards Surgeon-Authored VR Training: the Authoring Interface	Poster Presentation	University of Florida	yes	no		X								Surgeon-Authored VR Training
Satava, Jr.	Richard	MD, FACS	AEI2012	Report on the First Consensus Conference on the Fundamentals of Robotic Surgery: Outcome Measures	Original	University of Washington/ISIS	yes	no	NA	NA	NA	NA	NA	NA				
Satava, Jr.	Richard	MD, FACS	AEI2012	Update on the Progress to Establish National and International Collaboration on Curriculum Development - The ASSET and FRS Experience	Descriptive	University of Washington/ISIS	no	no	X			X						
Satterly	Steven	MD	AEI2012	Hemostasis in a non-compressible hemorrhage model: an end-user evaluation of hemostatic agents in a proximal arterial injury	Original	Madigan Army Medical Center	no	no			X	X	X	X				
Sawyer	John	BS	AEI2017	Time Crunch: Increasing the Efficiency of Technical Surgical Skill Assessment via Brief Video Clips	Original	Medical University of South Carolina	yes	yes										
Sbrocchi	Tyler	MD	AEI2018	Efficacy of Simulation-Based Training for Laparoscopic Intraoperative Cholangiography	Innovative Techniques	Riverside Methodist Hospital	no	no	X	X								

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Schaffhausen	Cory	PhD	AEI2016	Crowdsourcing Unmet Needs in Simulation-Based Education and Technology	Original	University of Minnesota	no	no											
Scott	Daniel	MD, FACS	AEI2008	Regional Collaboration for Technical Skills Training in Surgery Residencies	NA	UT Southwestern	no	no				X							
Seagull	F. Jacob	PhD	AEI2013	Filling a void: Developing standard subjective assessment tool for surgical simulation through systematic review of current practices	Original	University of Michigan	no	yes		X	X								
Sevak	Shruti	MD	AEI2016	A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures	Original	Beaumont Health System	no	no			X	X							
Sevak	Shruti	MD	AEI2016	Gelatin paravertebral spine model – A practical design for training general surgery resident's basic skills in placement of a continuous infusion catheter	Original	Beaumont Health System	no	no			X	X							
Sevak	Shruti	MD	AEI2016	Solid, cystic and tubular – A compact gelatin-training model for teaching basic skills in ultrasound-guided procedures to general surgery residents	Original	Beaumont Health System	no	no			X	X							
Shabahang	Mohsen	MD, PhD	AEI2009	An Evaluation of the Usefulness of the Standardized Patient Methodology in the Assessment of Surgery Residents' Communication and Professionalism	Work in Progress	Texas A&M / Scott and White	no	no										X	
Shanley	Charles	MD, FACS	AEI2011	Toward the Development of an Observer-Based Tool for Assessing, Debriefing, and Trending Higher-Order Skills During Laparoscopic Surgery	Original	Beaumont Health System	no	no	X	X	X								
Sharma	Bharat	MD	AEI2010	Non-Technical Skills Assessment in the Post Operative Setting	Descriptive	University of Toronto	no	no			X			X					
Sharma	Bharat	MD	AEI2011	Assessing the Impact of Debriefing on Mental Workload	Original	University of Toronto	no	no		X	X		X						
Sheth	Nihar		AEI2018	Ultrasound guidance training enhancement using Instrument tracking	Poster Presentation	UIC	no	no		X									
Shim	Woojin		AEI2008	Automated and Centralized Simulation Data Repository	NA	University of Michigan	no	no			X								
Sinanan	Mika	MD, PhD	AEI2011	Enterprise Deployment of a Simulation-based Training and Management program for Central Venous Catheters	Original	University of Washington/ISIS	no	no	X				X	X					
Singh	Pritam	MBBS, MA, MRCS	AEI2013	A Comparison of Surgical Training Quality Between the UK and the USA	Original	Imperial College London	yes	no		X		X							
Singh	Pritam	MBBS, MA, MRCS	AEI2013	International Consensus on Defining and Measuring Quality in Surgical Training	Original	Imperial College London	yes	no				X	X						
Singh	Pritam	MB, BS, MA, MRCS	AEI2014	A Randomized Controlled Study to Evaluate the Role of Video-Based Coaching in Training Laparoscopic Skills	Original	Imperial College London	yes	no	X	X	X	X	X						
Siparsky	Nicole	MD	AEI2018	Modernizing educational paradigms by integrating surgical simulation across surgical specialties	Poster Presentation	Rush University Medical Center	no	no	X										
Sirratsivawong	Kris	MD	AEI2015	Immersion Team Training In Realistic Environment Improves Performance In Trauma Resuscitation	Original	United States Medical Corps. (Naval Medical Center San Diego)	no	yes	X	X	X	X	X						
Sisley	Amy	MD	AEI2018	The Use of a Virtual Reality Trauma Simulation to Teach Team Roles and Communication	Innovative Techniques	Banner University Medical Center	yes	no		X									
Somani	Sneha	BS	AEI2015	Comparing Mechanical Tissue Properties of Simulator, Animal, and Human Tissue	Original	University of Minnesota	no	no	X	X		X							

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Sonnadara	Ranil	PhD, MSc	AEI2010	Orthopaedic boot camp: Examining the effectiveness of an intensive surgical skills course	Original	University of Toronto	no	yes	X	X	X	X		X				
Sonnadara	Ranil	PhD, MSc	AEI2011	Orthopaedic boot camp II: Examining retention rates for skills taught through an intensive laboratory-based surgical skills course	Original	Mount Sinai Hospital	yes	yes		X		X						
Sonnadara	Ranil	PhD	AEI2012	Orthopaedic Boot Camp III: Examining the efficacy of student-regulated learning during an intensive laboratory-based surgical skills course	Original	University of Toronto	no	yes	X	X	X							
Spalding	Carmen	PhD	AEI2016	CPR Devices & Impact on Infant Chest Compressions	Original	Naval Med Ctr San Diego	no	no			X	X						
Spight	Donn	MD, FACS	AEI2015	The Creation of PGY Level Specific FLS Proficiency Benchmarks Allows for Longitudinal Tracking of Multiple General Surgery Milestones Domains	Descriptive	VirtuOHSU	no	no	X	X	X							
St. Hilaire	Cameron		AEI2014	Development and assessment of a simulator for open abdominal procedures: The DeepCAV	Original	University of Washington/ISIS	no	no		X								
Stefanidis	Dimitrios	MD, PhD, FACS	AEI2009	Increased Stress Levels May Explain the Incomplete Transfer of Simulator-Acquired Skill to the Operating Room	NA	Carolinas Healthcare System	no	yes							X			
Stefanidis	Dimitrios	MD, PhD, FACS	AEI2009	Lessons Learned from 10-year Experience with Postgraduate Courses for Surgeons	NA	Carolinas Healthcare System	no	no								X		
Stefanidis	Dimitrios	MD, PhD, FACS	AEI2010	Proving the Value of Secondary Task Metrics for Performance Assessment on Surgical Simulators	Original	Carolinas Healthcare System	yes	no			X							
Stefanidis	Dimitrios	MD, PhD	AEI2011	Assessing the Value of the State Trait Anxiety Inventory for the Assessment of Intraoperative Stress Associated with Skill Transfer	Original	Carolinas Healthcare System	no	no	X	X								
Stefanidis	Dimitrios	MD, PhD, FACS	AEI2012	Cadavers versus Pigs: Which are Better for Procedural Training of Surgery Residents Outside the OR?	Original	Carolinas Healthcare System	no	yes	X	X	X							
Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	AEI2014	Who is the Ideal Partner for the Interdisciplinary Training of Surgery Residents?	Original	Carolinas Healthcare System	no	no	X	X	X	X	X					
Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	AEI2015	A Novel Mental Skills Curriculum Minimizes Deterioration of Simulator-acquired Skill During Transfer to the Operating Room	Original	Carolinas Healthcare System	no	no	X	X	X							
Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	AEI2015	Developing a Coaching Mechanism for Practicing Surgeons	Original	Carolinas Healthcare System	no	yes	X	X	X		X	X				
Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	AEI2016	Mental Practice Enhances Retention of Simulator-Acquired Surgical Skill: Results of a Randomized Controlled Trial	Original	Carolinas Healthcare System	no	no										
Sudan	Ranjan	MD	AEI2011	Augmenting Technical Skills Training Through Applications of Video, Neuro-feedback and Guided Imagery Training	Original	Duke University Medical Center	no	no		X								
Sullivan	Sarah	PhD	AEI2017	Using Epistemic Network Analysis to Identify Targets for Educational Interventions in Trauma Team Communication	Original	University of Wisconsin	no	yes			X							
Sultana	Carmen	MD, FACS	AEI2010	The Development and Implementation of a Simulation-based Curriculum to Teach Interns Invasive Skills	Original	Thomas Jefferson University	no	no	X	X	X	X						
Sultana	Carmen	MD	AEI2011	A Simulation Assessment Tool for Tubal Ligation	Work in Progress	Thomas Jefferson University	no	no	X	X	X							

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Sundin	Andrew	MD	AEI2017	A Comprehensive Surgical Simulation Laboratory Improves Student Preparation for Surgical Internship	Descriptive	University of Minnesota	no	no	X	X	X							
Sweet	Robert	MD, FACS	AEI2011	The Surgical Simulation Fellowship Program: Developing International Surgical Leaders in the Art and Sciences of Simulation	Descriptive	University of Minnesota/SimPORTAL	no	no	X	X		X						
Sweet	Robert	MD, FACS	AEI2015	Comparing Simulators and Live tissue for life-saving hemorrhage and airway procedures: Evaluation of Critical Failures	Original	University of Minnesota/SimPORTAL	yes	no	X	X	X							
Szasz	Peter	MD	AEI2014	Assessing Technical Competence in Surgical Trainees: A Systematic Review	Original	University of Toronto	yes	no		X	X	X			X			
Tanaka	Ryota	MD, PhD	AEI2015	Dedicated Two Week Proficiency-based Simulation Curriculum for Surgical Residents	Work in Progress	Grainger (NorthShore University)	no	no	X	X	X				X			
Taylor	Zachary	DO	AEI2017	Performance on a Physical Endoscopic Simulation Platform Predicts Performance on the Fundamentals of Endoscopic Surgery (FES) Manual Skills Exam	Original	USU	yes	no	X		X							
Telford	Britany	BS	AEI2017	Successful Computerizing the ATLS® Post-Test: Outcome of an AEI Multisite Study	Original	CAMLS	yes	no	X		X							
Thomas	J. Scott	MD, FACS	AEI2012	Interprofessional Education: Simulation-based Mass Casualty Exercise	Descriptive	Texas A&M / Scott and White	yes	no	X			X						
Tieman	Michael	MD, FACS	AEI2017	Effects of a Surgical Simulation Course on Undergraduate Surgical Clerkship Performance	Original	Rocky Vista University	no	no										
Trickey	Amber	PhD, MS	AEI2016	Patient-Centered Communication for Surgical Residents: A Simulation-Based Curriculum	Original	INOVA Health System	no	no		X	X	X						
Trickey	Amber	PhD, MS	AEI2017	Operating Room Crisis Checklists: Development of Simulation Training	Work in Progress	INOVA	no	no	X				X					
Trunekova	Jirina	BS	AEI2014	The Implementation of a Body Donation Program to Support Surgical Education at an Accredited Education Institute	Descriptive	Lahey Health System	no	no										
Vakayil	Victor	MB, BS	AEI2017	Point-of-care Bedside Ultrasound Training: Expansion within a Surgical Internship Preparation Curriculum	Descriptive	University of Minnesota	no	no	X	X	X	X						
Velic	Andrew	BS	AEI2018	Competence-based Mastery Learning for Chest Tube Placement: A Study of Anxiety, Confidence, and Performance	Original Paper	UWSMPH	no	yes	X	X								
Viezel-Mathieu	Alex	MD, BS	AEI2017	Development of a Breast Reconstruction Training Environment	Original	McGill University	no	no										
Wagner	Natalie	BSc(Hons)	AEI2017	Conflicting Opinions on the Use of Simulation for Nontechnical Skill Development at the Onset of Residency Training	Original	McMaster University	no	no	X	X								
Wali	Eisha	BS	AEI2015	Teaching Professionalism in Graduate Medical Education: What is the Role of Simulation?	Work in Progress	Case Western	yes	yes	X	X		X						
Wallace	Gabriel	MD	AEI2014	Worth a thousand words: Google Glass in surgery	Descriptive	University of Washington/ISIS	no	no		X				X	X			
Wang	Andrew	MD	AEI2016	Peroral Endoscopic Myotomy Curriculum For The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms	Original	Naval Med Ctr San Diego	no	no	X									
Wang	Yuding	MD	AEI2018	Development, Implementation, and Evaluation of a Competency-Based Urology Bootcamp for Training First-year Urology Residents, A Prospective Cohort Pilot Study with Historical Controls	Innovative Techniques	McMaster University	yes	no	X									

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Wang	Yuding	MD	AEI2018	Validation of a Low-cost Ultrasound Compatible Suprapubic Catheter Insertion Training Model	Poster Presentation	McMaster University	no	no				X								
Wehbe-Janek	Hania	PhD	AEI2011	Residents' Perspectives on the Value of Simulation in a General Surgery Residency Curriculum	Original	Texas A&M / Scott and White	yes	yes					X	X						
Weis	Joshua	MD	AEI2018	Assessing Quality and Resources During Campus-wide Simulation Integration	Poster Presentation	UT Southwestern	no	no	X											
Wiatrek	Rebecca	MD	AEI2009	Interprofessional Education: Simulation-based Mass Casualty Exercise	Descriptive	Texas A&M / Scott and White	no	no										X		
Wilcox, Jr	Victor	MD	AEI2013	A Proficiency-based Da Vinci® Skills Simulator(TM) Training Curriculum	Original	MITIE	no	no	X											
Willaert	Willeem	MD	AEI2011	Patient-Specific Simulated Rehearsal for the Carotid Artery Stenting Procedure	Original	Imperial College London	yes	no				X		X	X	X				
Wright	Andrew	MD, FACS	AEI2010	A Novel Basic Open Technical Skills Curriculum with Self- and Expert-administered Assessment Tools	Descriptive	University of Washington/ISIS	no	no	X				X	X						
Wright	Andrew	MD, FACS	AEI2010	Development and Implementation of a System-Wide Central Venous Catheterization Curriculum	Descriptive	University of Washington/ISIS	no	no	X	X			X	X						
Wright	Andrew	MD, FACS	AEI2011	A Structured Self-Directed Basic Skills Curriculum for Novices Results in Technical Performance Approaching that of Intermediate-level Residents	Original	University of Washington/ISIS	no	yes				X	X							
Wright	Andrew	MD, FACS	AEI2011	Validation of a Novel Assessment Tool for Central Venous Catheterization	Original	University of Washington/ISIS	no	no	X	X	X	X	X	X						
Yang	Irene		AEI2009	Relevance of various components of Surgical Skill Training workshop	NA	Temple University Hospital	no	no										X		
Yarger	John	MD	AEI2012	Characteristics in Response Rates for Surveys Administered to Surgical Residents	Original	University of Vermont	no	yes	X				X	X						
Yeo	Caitlin	MD	AEI2018	Surgery Tutor – An Open Source Platform for Assessment of Technical Proficiency: A Validation Study in a Simulated Setting	Poster Presentation	Queen's University	no	no					X							
Yi	William	MD	AEI2013	Learning to round before rounds	Descriptive	SITEL's Clinical Simulation Center of MedStar Health	no	no	X	X	X									
Young	Andrew	DDS, DNB	AEI2014	Emergency Medical Simulation Training for the General Dental Resident	Descriptive	UT Center for Advanced Medical Simulation/UTMCK	no	no	X	X					X					
Zak	Yulia	MD	AEI2011	A novel approach to the resident skills curriculum: modules on rare and common procedures linked together with simulators created by the learner.	Original	Stanford Medical Center	no	no	X	X	X									
Zendejas	Benjamin		AEI2010	Improving Surgical Skills Through Simulation Education	Original	Mayo Clinic Rochester	no	no	X	X	X									
Zendejas	Benjamin		AEI2010	YouTube Video + Simulation = Master TEP Hernia Surgeon?	Work in Progress	Mayo Clinic Rochester	no	no	X	X			X							
Zendejas	Benjamin	MD	AEI2011	Setting Mastery Learning Standards for Laparoscopic TEP Inguinal Hernia Repair Simulator Training	Original	Mayo Clinic Rochester	no	no	X	X	X									
Zevin	Boris	MD	AEI2011	Design and Validation of a Surgical Skills Assessment Tool for Laparoscopic Roux-en-Y Gastric Bypass	Work in Progress	University of Toronto	yes	no	X				X		X					
Zevin	Boris	MD	AEI2012	A comparison of self versus external assessment for technical tasks in surgery.	Descriptive	University of Toronto	no	no					X							
Zevin	Boris	MD	AEI2014	Implementation and Evaluation of a Comprehensive Simulation-Enhanced Upper GI Training Curriculum in a Large Academic General Surgery Residency Training Program	Original	University of Toronto	no	no	X	X	X	X								

**AEI Consortium Abstracts Since 2008**  
**Abstracts by Author**

Please note, TBD=To Be Determined and NA=Not Available

Abstract Type Key: Descriptive, NA, Non-AEI, Original, Research Idea and Work in Progress (2008-2017);  
 Innovative Techniques, Original Paper and Poster Presentation (2018-Current)

Last Name	First Name	Credentials	Abstract Year	Abstract Title	Type of Abstract	Institute	Categories of Research												
							Multi-Institutional Study	Manuscript Published in Surgery	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
Zevin	Boris	MD, PhD, FRCS	AEI2018	Implementation and Evaluation of a Comprehensive Proficiency-Based Upper GI Curriculum: A Multi-Institutional Canadian Experience	Poster Presentation	Queen's University	yes	no	X	X									
Zheng	Bin	PhD	AEI2010	Investigating of Surgeon's Vigilance on Patient's Condition Using Eye-Tracking Techniques	Original	CESEI	yes	no				X		X					
Zheng	Bin	PhD	AEI2010	Quantifying Surgeon's Contribution to Team Effectiveness on a Mixed Team with a Junior Surgeon	Original	CESEI	yes	yes	X			X			X				
Zheng	Bin	MD, PhD	AEI2011	Enlarging the Scope of ACS Accredited Education Institutes for Learners in Different Disciplines	Descriptive	CESEI	no	no	X	X									
Zheng	Bin	MD, PhD	AEI2011	Mastering Instruments at Hands before Operating on Patient - Role of Simulation in Training of Tool Use Skills	Original	CESEI	no	no							X				
Zigmont	Jason	PhD	AEI2013	Understanding Experiential Learning Styles in Residency	Original	OhioHealth	no	no			X	X							
Zigmont	Jason	PhD	AEI2014	Innovative Approach to Faculty Development Utilizing Simulation	Original	OhioHealth	no	no	X	X				X	X				
Zigmont	Jason	PhD	AEI2015	Teaching Teamwork and Checklists Through Live 'Simulations' in the OR with Intact Care Teams Improves Buy-in	Descriptive	OhioHealth	no	no			X	X	X	X					
Zoghbi	Veronica	MD	AEI2018	The Successful Integration of a Non-Clinical Skills Curriculum into Surgery Intern Boot Camp	Original Paper	UPENN	no	no			X								