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			Multi-	Manuscript								_	-					
A	Abstract		Institutional						Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
\$500 REWARD: What Millennial Surgery		Work in																
Residents Will Do for a Buck	AEI2009	Progress	no	no	David	Farley	MD, FACS	Mayo Clinic Rochester								X		
"Live Cadaver" A realistic training model fo	r																	
practicing neurovascular procedures&								Arkansas Neuroscience										
Enhancing surgical skills	AEI2016	Descriptive	no	no	Emad	Aboud	MD	Institute										
A \$4.87 Model for Teaching and Assessing																		
Basic Tube Thoracostomy Techniques	AEI2013	Original	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester		X								
A Comparison of Rotation-Integration and																		
Block-time Integration of the ACS/APDS		Work in																
Surgical Skills Curriculum	AEI2017	Progress	no	no	George	Ormond	MD	University of Vermont	X	X	X	X						
A comparison of self versus external																		
assessment for technical tasks in surgery.	AEI2012	Descriptive	no	no	Boris	Zevin	MD	University of Toronto			X							
A Comparison of Surgical Training Quality							MBBS, MA,											
Between the UK and the USA	AEI2013	Original	yes	no	Pritam	Singh	MRCS	Imperial College London		X		X						
A Comparison Study of Basic Skills																		
Acquisition with Virtual Reality and																		
Physical Reality Simulation Training	AEI2011	Original	no	no	Constantinos	Loukas	PhD	University of Athens	X	X	X		Χ					
A Comprehensive Curriculum for Advanced	i																	
Laparoscopic Skills	AEI2010	Original	no	no	Neal	Orzech	MD	University of Toronto		X	X			Х				
A Comprehensive Surgical Simulation		Ŭ																
Laboratory Improves Student Preparation																		
for Surgical Internship	AEI2017	Descriptive	no	no	Andrew	Sundin	MD	University of Minnesota	Х	X	Х							
A Curriculum Using Simulation to Teach		'						<u> </u>										
Interns Paracentesis	AEI2011	Descriptive	no	no	Katherine	Berg	MD	Thomas Jefferson University	X									
A Flexible Platform for Building Cumulative					rtatilo	20.g												
Milestone-Based Surgical Resident																		
Portfolios	AFI2016	Descriptive	no	no	Avni	Khatri	BS	мдн	X		X	Х						
A Focused and Dedicated One Week Basic		2000ptro			,	1 11 10 11					, ,	,,						
Skills Curriculum Is Adequate To Reach	1																	
The Expected Proficiency Level For First																		
Year Surgery Residents In A Busy								Penn Medicine Clinical										
Residency Program.	AEI2010	Original	no	no	Ben Selvan	Chandrakaladha	ar MS	Simulation Center	X	Х	X	Х						
A Hybrid 3-D VR/Physical Pelvis for	ALIZOTO	Original	110	110	Dell'ocivali	Oriandrakaladrie	ii ivio	Ciridiation Center										
Training Surgically Relevant Anatomic								University of										
Principles	AEI2011	Original	no	no	Erlan	Santos	MD	Minnesota/SimPORTAL	X	Х	X							
A low cost simulator to reduce global rates		Original	110	110	LIIdII	Santos	IVID	Willinesota/Silli OTTAL	^	^	^							
of maternal mortality	AEI2010	Original	no		1.	Perosky		University of Michigan	X	X			Х					
A Model Curriculum of Immersive	AEIZUIU	Original	HO	no	J	Perosky		Offiversity of Michigan	^	^			^					
Simulation of Airway Emergencies to																		
Enhance Professionalism in Resident		Work in																
	A E1004 4				A	Disad	MPH. MBA	Hairrania et Chianna	X	Х	X							
Education	AEI2014	Progress	no	no	Angela	Blood	IMPH, MBA	University of Chicago	^	^	^							
A Model for Strengthening Faculty																		
Teaching Effectiveness in a Skills		l					D. D.											
Laboratory	AEI2009	NA	no	no	Debra	DaRosa	PhD	Northwestern University								Х		
A Multi-Disciplinary Approach to Innovation							MD, PhD, MA,	l										
in Surgical Education	AEI2008	NA	no	no	Rajesh	Aggarwal	FRCS	Imperial College London	1			Х						
A Novel 3D Video Telemedicine System fo				1		L		University of								,,		
Education	AEI2009	NA	no	no	Troy	Reihsen		Minnesota/SimPORTAL	1							Х		
A novel approach to the resident skills				1														
curriculum: modules on rare and common				1														
procedures linked together with simulators				1					I .									
created by the learner.	AEI2011	Original	no	no	Yulia	Zak	MD	Stanford Medical Center	X	X	X							
A Novel Basic Open Technical Skills																		
Curriculum with Self- and Expert-				1				1						1				
administered Assessment Tools	AEI2010	Descriptive	no	no	Andrew	Wright	MD, FACS	University pfaWeshington/ISIS	X		X	Χ						
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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods		Evaluations			Investigation	Education	Development	Other
A novel educational module for placement			1															
of continuous intercostal nerve blockade for	-																	
traumatic rib fractures	AEI2016	Original	no	no	Jonathan	Gower	MD	Naval Med Ctr San Diego			X	Х						
A novel educational module for placement																		
of continuous intercostal nerve blockade for							l					.,						
traumatic rib fractures	AEI2016	Original	no	no	Shrunti	Sevak	MD	Beaumont Health System			Х	Х						
A Novel Educational Module for Subclavian Venous Catheter Placement Using																		
Ultrasound Guidance	AEI2014	Original	no	no	Andrew	Bavci	MD	Beaumont Health System	X	х			Х	Х				
Oli asourid Guidance	ALIZU14	Original	110	110	Andrew	Dayci	IVID	Deaumont Health System										
A Novel Mental Skills Curriculum Minimizes	3																	
Deterioration of Simulator-acquired Skill							MD, PhD, FACS,											
During Transfer to the Operating Room	AEI2015	Original	no	no	Dimitrios	Stefanidis	FASMBS	Carolinas Healthcare System	X	X	X							
A novel platform for simulation in transanal																	Ì	
robotic surgery	AEI2017	Descriptive	no	no	Ciro	Andolfi	MD	University of Chicago	X									
A Pilot Study on Real-Time Measures of																		
Surgical Motions in Minimally Invasive						1		Washington University School										
Surgery	AEI2011	Original	no	no	Michael	Awad	MD, PhD	of Medicine		Х	Х							
A Preclinical Cadaveric Evaluation of the Resuscitative Endovascular Balloon		Poster																
Occlusion of the Aorta (REBOA) Catheter	AEI2018	Presentation	no	no	Zachary	Miller	BS	University of Minnesota					Х					
A Proficiency-based Da Vinci® Skills	ALIZUIU	resentation	110	110	Zacriary	IVIIIICI	D0	Offiversity of Millinesota										
Simulator(TM) Training Curriculum	AEI2013	Original	no	no	Victor	Wilcox, Jr	MD	MITIE	Х									
A Randomized Controlled Study to		J g			1													
Evaluate the Role of Video-Based							MB, BS, MA,											
Coaching in Training Laparoscopic Skills	AEI2014		yes	no	Pritam	Singh	MRCS	Imperial College London	X	X	X	X	Χ					
A Robotic Surgical Curriculum for Chief		Poster						The Ohio State University	.,									
Resident Exposure and Experience	AEI2018	Presentation	no	no	Michael	Meara	MD, FACS	Wexner Medical Center	Х	Х		Х						
A Simulation Assessment Tool for Tubal Ligation	AEI2011	Work in Progress	no	no	Carmen	Sultana	MD	Thomas Jefferson University	X	Х	Х							
A Simulator and two tools: Validation of	AEIZUTT	Progress	TIO	110	Carmen	Sultaria	IVID	Thomas Jenerson Oniversity	^	^	^							
performance measures from a novel																		
neurosurgery simulator using the current																		
Standards framework	AEI2015	Descriptive	no	yes	Deborah	Rooney	PhD	University of Michigan	X	Х	X		Х	X				
A Six-part Program for Teamwork		Work in															Ì	
Improvement in Surgery	AEI2009	Progress	yes	no	Jeffrey	Cooper	PhD	Center for Medical Simulation								Х		
A Stepwise Approach for Simulation-based								College of Medicine, King	v									
Curriculum Development for Clinical Skills	AEI2015	Original	no	no	Nehal	Khamis	MD, PhD, MEd	Saud University	Х	Х	X	Х						
A Structured Self-Directed Basic Skills Curriculum for Novices Results in		1			1	1												
Technical Performance Approaching that of																		
Intermediate-level Residents	AEI2011	Original	no	yes	Andrew	Wright	MD, FACS	University of Washington/ISIS		Х	X							
A surgical educators armamentarium:			1	,,,,		g	-,				1							
Using Jeopardy to assess residents'																		
retention and improvement of medical																		
knowledge	AEI2014	Original	no	no	Jad	Abdelsattar	MB, BS	Mayo Clinic Rochester	X	Х	X	X						
A Video-based Method for Assessing																		
Proctors' Scoring of the Fundamentals of																		
Laparoscopic Surgery (FLS) Manual Skills	A E1004 :	Oni min a l			Dahamit	D	DFD	Hairman to a set NAS - bit or or			X	,						
Exam Acquisition of New Skills By Novices:	AEI2014	Original	no	no	Deborah	Rooney	PhD	University of Michigan			X	Х						
Effect of Three Different Instructional		1		1	1			Conemaugh Memorial										
Methods	AEI2012	Original	no	no	James	Gregory	MD	Hospital	Х	Х	X							
ACS Fundamentals of Surgery	. 12012	Jgui	110	110	Julios	Siegory		press.	^	_^_								
Curriculum®: Using Cognitive Simulation		1		1	1													
to Develop Critical Thinking Skills in		Poster			1	1		American College of										
Residents	AEI2018	Presentation	no	no	James	Hebert	MD, FACS	Surgeons Page 2	Χ	Χ							<u> </u>	
										_								

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations		Safety		Investigation	Education		Other
Adding Audio-Visual On-line Learning to a	T	T.DOLIUGE	- Ctudy	T T	T inot realing	Luot Humo	I	I	Bereiepinient	mourous	Evaluations	Evaluations	Guioty	Gutoomico	invooligation	Ludoddioii	Development	Other
Surgery Simulation Curriculum Will																		
Decrease Cognitive Load and Facilitate																		
Learning for Surgical Interns.	AEI2012	Original	no	no	Shahzad	Ali	MD	Mavo Clinic Rochester	X	Χ	Х			Χ				
Administrative Considerations When	ALIZUIZ	Original	110	110	Silalizau	All	IVID	Mayo Cillic Rochester			^							
Implementing ACS Skills Curriculum	VE13000	Descriptive	no	ves	Deborah	Roonev	PhD	Northwestern University							Х			
Advanced Training in Laparoscopic	ALIZUUS	Descriptive	110	yes	Debolali	Rooney	I IID	Northwestern Oniversity										
Abdominal Surgery (ATLAS): a Systematic								Imperial College London/St.										
Review		Descriptive	ves	no	Laura	Bever-Beriot	MD	Mary's Hospital		Χ								
Advanced Trauma Operative Management		Descriptive	yes	110	Laura	beyer-beijot	IVID	Mary's Hospital										
Course: An Exemplar of Simulation							MD, MPH,											
Education Scenario Development	AEI2009	NIA	no	no	Lenworth	Jacobs, Jr.	FACS	Hartford Hospital								X		
AEI best practices: A review of 2011 to	AEIZUUS	INA	110	110	Lenworth	Jacobs, Jr.	1 ACC	Tartiora Flospital								^		
present	AEI2017	Original	yes	ves	James	Cooke	MD	University of Michigan										
An Evaluation of the Usefulness of the	ALIZUTI	Original	yes	yes	Janics	COOKC	IVID	Offiversity of Michigan										
Standardized Patient Methodology in the																		
Assessment of Surgery Residents'		Work in																
Communication and Professionalism	AF12009	Progress	no	no	Mohsen	Shabahang	MD. PhD	Texas A&M / Scott and White									X	
An examination of the "seductive details	ALIZOUS	i iogicss	110	no	WONSCH	Oriabariarig	IVID, I IID	Texas Adivi / Geott and White										
effect" in acquisition and transfer of																		
laparoscopic suturing skills	AEI2015	Original	yes	yes	Aimee	Gardner	PhD	UT Southwestern	X	Χ	Х	Х						
An interactive multicenter multi-national	ALIZOTO	Original	ycs	you	7 1111100	Guranor	T IID	o r coda i westerii		Λ								
virtual grand rounds for ACS AEI	AEI2016	Original	yes	no	Ivan	George		Anne Arundel			Х	Х						
An Interdisciplinary Boot Camp Where	712010	Original	ycs	no	Ivaii	Occigo		7 time 7 tidildel										
Interns and Nurses Learn Together	AFI2013	Descriptive	no	no	Darlene	Bourgeois	MSN, RN	Lahey Health System	Х	Х		Х						
Anatomy-focused videos to supplement	712010	Booonpavo	110	110	Dariono	Boargoolo	Wiort, rat	Euroy Houlth Gyolom										
surgical curriculum	AEI2011	Descriptive	no	no	Aniali	Arora	MD	EVMS	X	X	Х		Х	Х				
Are Medical Students Being Taught	7 12.2011	2 cccptvc			, a gan	7.0.0		210	,,	,,			,,					
Invasive Skills Using Simulation?	AEI2011	Descriptive	no	no	Katherine	Berg	MD	Thomas Jefferson University	X	X	Х							
Artificial Blood CF1 Demonstrating	7.12.20	2000ptvo			rtatilo:iiio	20.9		Themas concrete conversity	,,	,,	, ,							
Reduced Volume Loss for Open Surgery																		
Simulation in Human Cadavers	AEI2016	Original	no	no	Joss	Fernandez	MD, FACS	MO Heart Center										
					0000	. o.manasz	,											
Assembling the Puzzle that is Surgical																		
Education: A Look at a Proficiency-Based																		
Knot-Tying and Suturing Curriculum	AEI2010	Research Idea	no	no	s	Nagar	MD	Beaumont Health System	Х	Х	Х							
Assessing Quality and Resources During		Poster						,										
Campus-wide Simulation Integration	AEI2018	Presentation	no	no	Joshua	Weis	MD	UT Southwestern	Χ									
Assessing Technical Competence in																		
Surgical Trainees: A Systematic Review	AEI2014	Original	yes	no	Peter	Szasz	MD	University of Toronto		X	Х	Χ		X				
Assessing the Impact of Debriefing on																		
Mental Workload	AEI2011	Original	no	no	Bharat	Sharma	MD	University of Toronto		X	X		Χ					
Assessing the Validity and Reliability of		_																
Two GME Performance Assessment Tools																		
for CME	AEI2013	Original	yes	no	Carla	Pugh	MD, PhD, FACS	University of Wisconsin			X							
Assessing the Value of the State Trait																	İ	
Anxiety Inventory for the Assessment of																		
Intraoperative Stress Associated with Skill																		
Transfer	AEI2011	Original	no	no	Dimitrios	Stefanidis	MD, PhD	Carolinas Healthcare System	X	X								
Assessment of subjects without experience																		
in minimal access surgery performing a																		
suture task at da Vinci robot	AEI2014	Original	no	no	Andrea	Moglia	PhD	EndoCAS	X	X	X							
Assessment of the core competencies in																		
general surgery residents: A single								UT Center for Advanced										
institution experience	AEI2010	Non-AEI	no	no	Daniel	Alterman	MD	Medical Simulation/UTMCK			X	X		X				
Augmenting Technical Skills Training																		
Through Applications of Video, Neuro-								Duke University Medical										
feedback and Guided Imagery Training	AEI2011	Original	no	no	Ranjan	Sudan	MD	Center Page 3		X								
					-			-										

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Automated and Centralized Simulation																		
Data Repository	AEI2008	NA	no	no	Woojin	Shim		University of Michigan			Х							
Barriers to the Adoption of the ACS/APDS	A E10040	Out at a set			D. A. C.	Dti.a.la	MD	B	X	X								
Skills Curriculum Basic skills training - black box or high	AEI2012	Original	no	yes	Patricia	Pentiak	MD	Beaumont Health System	X	X								
fidelity simulators?	AEI2015	Original	yes	no	Lars	Enochsson	MD, PhD	Karolinska University Hospital	X	Х	Х			Х				
Behavioral Impact of Inter-Professional	AEIZ015	Original	yes	110	Lais	EHOCHSSOH	MD, FIID	Ratolitiska Offiversity Hospital	^	^	^			^			-	
Student Operating Room Team Training																		
using High Fidelity Simulation	AEI2011	Original	no	no	John	Paige	MD. FACS	LSUHSC-New Orleans	X	X	Х		Х					
Bridging the Gap between Acute Care	7.2.2011	o.i.g.i.a.			00	. u.go		2001100110110110110	,	,,	,,		,,					
Surgeons and Endovascular Techniques:																		
Simulation Training for Resuscitative																		
Endovascular Balloon Occlusion of the																		
Aorta (REBOA)	AEI2017	Original	yes	no	Megan	Brenner	MD, MS, FACS	University of Maryland										
Cadaveric Dissection vs. Homemade																		
Model: What is the Best Way to Teach																		
Endoscopic Totally Extraperitoneal Inguina																		
Hernia Repair?	AEI2016	Original	no	no	Yazan	AlJamal	MB, BS	Mayo Clinic Rochester			X	Χ						
Cadaveric Model for Training and																		
Assessment of Traumatic Wound	4510045	Out at a set				D. H		Links and the second	×	Х			V	Х				
Management and Hemorrhage Cadavers versus Pigs: Which are Better for	AEI2015	Original	no	no	Troy	Reihsen		University of Minnesota	Χ	Χ			Χ	Х				
Procedural Training of Surgery Residents																		
Outside the OR?	AEI2012	Original	no	yes	Dimitrios	Stefanidis	MD PhD FACS	Carolinas Healthcare System	X	Х	Χ							
Calculating the Return on Investment –	ALIZUIZ	Original	110	yes	Diffictios	Oterariidis	WD, THD, TAGO	Carolinas i icalineare Gystern	Λ									
Quantifying the Value of Simulation																		
Training for Housekeeping	AEI2018	Original Paper	yes	no	Dmitry	Nepomnayshy	MD	Lahey Clinic				Х						
Can Peers be Used to Assess Resident		January Span	,	1.2		,												
Performance in the Skills Laboratory?	AEI2012	Original	no	no	Deborah	Rooney	PhD	Northwestern University	X	X	X	X		X				
Can Skills Coaches be Used to Assess								,										
Resident Performance in the Skills																		
Laboratory?	AEI2011	Original	yes	yes	Deborah	Rooney	PhDc	Northwestern University	X	X	X							
Can surgical skills training of novice																		
medical students in the laboratory improve																		
their technical skill and satisfaction with	4 = 10000				l										×			
their surgical clerkship?	AEI2009	Original	no	no	Harsh	Grewal	MD, FACS MB, BS, BSc,	Temple University Hospital							^			
Can virtual reality simulation be used for advanced bariatric surgical training?	AEI2011	Original	no	yes	Trystan	Lewis	MRCS	Imperial College London		Х	×			Х				
advanced banatric surgical training?	AEIZUTT	Original	110	yes	TryStati	Lewis	WINCS	Imperial College Loridon										
Challenges for Maintaining Professionalism	,																	
When Faced with Patient Discrimination		Innovative						University of Chicago										
and Harassment by Patients/Caregivers	AEI2018	Techniques	no	no	Melissa	Cappaert	MA	Medicine	X									
Characteristics in Response Rates for	1	<u> </u>			1	11												
Surveys Administered to Surgical																		
Residents	AEI2012	Original	no	yes	John	Yarger	MD	University of Vermont	X		Χ	X						
Collaboration: Key to the Evolution of								Duke University Medical										
Surgical Education	AEI2008	NA	no	no	Marnelle	Alexis	EdD	Center		Χ								
Comparing Mechanical Tissue Properties	I	L			I													
of Simulator, Animal, and Human Tissue	AEI2015	Original	no	no	Sneha	Somani	BS	University of Minnesota	X	Χ		Х						
Comparing Simulators and Live tissue for								Link and the set										
life-saving hemorrhage and airway	A E1004 5	0.1.1.1			D. L	0	MD 5400	University of										
procedures: Evaluation of Critical Failures	AEI2015	Original	yes	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL	Х	Х	Х							
Comparison of FLS Tasks When Training																		
on Standard FLS Platform Versus an Ergonomically Different Platform	AEI2016	Original			Sarah	Haviland	BS	Walter Reed/Uniformed Svc			Х	Х						
Competence-based Mastery Learning for	AEIZUIO	Original	no	no	Sarah	пачнано	טט	vvaiter Need/Offilioffiled SVC				^					+	
Chest Tube Placement: A Study of Anxiety,																		
Confidence, and Performance		Original Paper	no	yes	Andrew	Velic	BS	UWSMPHPage 4	X	Χ								
Communico, and i offormation	, (LIZO 10	C.iginari apor	110	you	, and CW	V 0110	1	oaye +	^	^					l		l	

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Complications Related to Chest Tube	T	1	1	1	1	1	1	T	I Totalopinion					1	ga.ac			
Placement at the Mayo Clinic and a Plan																		
for Quality Improvement	AEI2014	Original	no	no	Raaj	Ruparel	MD	Mavo Clinic Rochester	X	Х		Х	Х	Х				
Computerizing the ATLS® Post-Test:	ALIZOIT	Original	110	110	rtaaj	raparor	IVID	Mayo Cimio recinctor	Λ									
Implications for Further Study	AEI2016	Original	no	no	Jenny	Guido	MD	USF										
Conflicting Opinions on the Use of					00y	04.40												
Simulation for Nontechnical Skill																		
Development at the Onset of Residency																		
Training	AEI2017	Original	no	no	Natalie	Wagner	BSc(Hons)	McMaster University	X	Х								
CORNERSTONE: Implementing Universal							` ′	•										
Patient Safety Checklist Discipline During																		
the First Year of Medical School	AEI2015	Original	yes	no	Matthew	Moorman	MD, FACS	Cleveland Clinic	X	X		X	Χ					
CPR Devices & Impact on Infant Chest																		
Compressions	AEI2016	Original	no	no	Carmen	Spalding	PhD	Naval Med Ctr San Diego			X	Χ						
Creating a Policy Development																		
Methodology Utilizing Simulation and																		
Implementation of an Operating Room													.,					
Emergency Checklist	AEI2015	Descriptive	no	no	Theodore	Delmonico	MD	Lahey Health System					X					
Creating the Pre-Trained Novice: A																		
Structured Central Venous Catheterization											.,							
Curriculum	AEI2012	Original	no	no	Edgar	Figuredo	MD	University of Washington/ISIS	X		X							
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	A E10040	Oni mim al				IZ It It	D.A	MITIE	X									
consortium members Crew resource management training in	AEI2013	Originai	no	no	Lauren	Karbach	BA	MITTE	^									
surgical residency programs: A survey of								St. Michael's										
North American program directors	AEI2013	Original	no	no	Nicholas	Dedy	MD	Hospital/University of Toronto	X	Х		Χ						
Critical Response Simulations: Works in	ALIZUIS	Original	110	110	Niciolas	Dedy	IVID	University of										
Progress	AEI2009	NA	no	no	Jeffrey	Chipman	MD, FACS	Minnesota/SimPORTAL								Х		
	7.2.2000				555)	opa	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Time to the control of the control o								,,		
Crowdsourcing Unmet Needs in Simulation	1-																	
Based Education and Technology	AEI2016	Original	no	no	Cory	Schaffhausen	PhD	University of Minnesota										
Current Research Priorities in Surgical		Ü			Í			Indiana University School of										Needs
Simulation	AEI2018	Original Paper	yes	yes	Nicholas	Anton	MS	Medicine										Assessment
Current Use of Surgical Simulators in																		
Gynecology Across French Academic								Assistance Publique des										
Schools : a National Survey	AEI2014	Original	yes	no	Patrice	Crochet	MD	Hôpitaux de Marseille		Χ								
Data-Driven Optimization of Surgeon Skills																		
for Enhanced Training, Simulation, and		Work in																
Assessment	AEI2011	Progress	yes	no	Noaman	Ali	MD	Beaumont Health System		Х								
B																		
Deconstructing Laparoscopic Competence		Oni mina a l			0	I	DFD	I Initiative mailtan of Address of	1									
in a Virtual Reality Simulation Environment	AEI2010	Original	no	yes	Costas	Loukas	PhD	University of Athens	1	-	Х	Х		-				
Dedicated Two Week Proficiency-based		Mork in				1	1	Crainger (NorthShore	1									
Simulation Curriculum for Surgical	VE1304E	Work in Progress			Pyoto	Tanaka	MD. PhD	Grainger (NorthShore	X	х	Х			X				
Residents Deficiencies of the Surgical Curriculum	AEIZU15	riogiess	no	no	Ryota	тапака	ואוט, רווט	University)										
Exposed	AEI2010	Original	no	no	Paul	Montero	MD	Carolinas Healthcare System	X	Х	X	Χ						
Defining and Simulating Needle Insertion	AL12010	Original	110	110	ı auı	MOUREIO	1410	Caronnas i realtheare System	^	_^_		^		1				
Forces for Percutaneous Renal Access	AEI2016	Original	no	no	Lauren	Poniatowski	MS	University of Minnesota										
Design and Validation of a Model for		2.19.1.31	110	110	Ludion	. Offictowalki	+		1		 							
Training and Assessment of Procedural																		
Skills in Open Surgery	AEI2011	Original	ves	no	Neil	Rittenhouse	MHSc	University of Toronto	X	X	X			X				
Design and Validation of a Surgical Skills	1	J	,	1		1	1	,	<u> </u>					<u> </u>				
Assessment Tool for Laparoscopic Roux-		Work in				1	1		1									
en-Y Gastric Bypass	AEI2011	Progress	yes	no	Boris	Zevin	MD	University Pfarger5nto	Х		Х		Χ					
			· · · · · · · · · · · · · · · · · · ·	•	•	•	•		•		•			•				

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Categories of Research

Multi-Manuscript Abstract Type of Institutional Published in Curriculum Teaching Learner Program Patient Surgical In-First Name Evaluations Evaluations Safety Outcomes Investigation Education Development **Abstract Title** Year Abstract Study Surgery Last Name Credentials Institute Development Methods Other Design of a Virtual Reality Training Curriculum for Laparoscopic Colorectal AEI2014 Original Beyer-Berjot MD Imperial College London Х Χ Χ Х yes no Laura Designing and Evaluating an Interpersonal and Communication Skills Curriculum Incorporating ACGME General Surgery Milestones: Opportunities and Challenges Work in in Simulation-Based Approaches AEI2017 Progress Paul Huffstutter MD. FACS UTCAMS Χ Х no no Determination of Standardized Tasks and Assessment for a Simulation-Based Χ Curriculum in Arthroscopic Knee Surgery AEI2011 Research Idea _eBel MD. FRCSC University of Western Ontario Х no no Marie-Eve Developing a Coaching Mechanism for MD, PhD, FACS, FASMBS Carolinas Healthcare System Χ Х Х Χ Practicing Surgeons AEI2015 Original no yes Dimitrios Stefanidis Developing A Performance Assessment MD, FRCSC, Device for the Laparoscopic Transperitoneal Nephrectomy Procedure MHPE AEI2009 NA yes Elspeth McDougall UC Irvine Developing a Proficiency-Based Virtual Reality Technical Skills Training curriculum St. Michael's for Laparoscopic Colorectal Surgery AEI2011 Original Vanessa Palter MD Hospital/University of Toronto yes no Development and assessment of a simulator for open abdominal procedures: AEI2014 Original The DeepCAV St. Hilaire University of Washington/ISIS Χ no no Cameron Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed nnovative Х Χ Χ Surgical Simulator AEI2018 Techniques no Chelsea Reighard University of Michigan no Development and Evaluation of an Open UT Center for Advanced Aortic Aneurysm Repair Simulation AEI2010 Non-AEI Medical Simulation/UTMCK Х Х Х Matt Jones no no Development and implementation of a clinical pathway approach to simulationbased training for foregut surgery AEI2014 MD Х Χ Χ Original Mivasaka University of Pennsylvania no no Kiyoyuki Development and Implementation of a System-Wide Central Venous Catheterization Curriculum AEI2010 Descriptive MD, FACS University of Washington/ISIS Х Χ Χ Χ no no Andrew Wright Development of a Basic Vascular Specific MD. FACS VirtuOHSU Surgical Skills Laboratory AEI2009 Х no Erica Mitchell no Development of a Breast Reconstruction MD, BS Training Environment AEI2017 Original Alex Viezel-Mathieu McGill University no no Development of a Disaster Preparedness Interprofessional Education (IPE) Program Poster for Health Profession Students AEI2018 Presentation Edward Jasper MD. MPH Thomas Jefferson University Χ no no Development of a Laparoscopic Appendectomy Silicone Training Model Using Three-Dimensional Printing Technology AEI2016 Original no Jonathan Dort MD. FACS INOVA Health System no Development of a sustainable simulationbased training curriculum in a communitybased teaching program: scenarios, Poster AEI2018 Presentation MD. MPH. MBA Sinai Hospital of Baltimore Х Χ benefits, and implications. Ahuia yes no Vanita Development of Amputation Training Model Χ for Surgical Skills Workshops AEI2017 MS University of Minnesota Х Original Shumaila no no Anwer Development of an evidence-based virtual reality training curriculum for laparoscopic Assistance Publique des MD hysterectomy AEI2015 Original Patrice Crochet Hopitaux de Marseille yes no

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			Multi-	Manuscript								_						
Abatus at Title	Abstract		Institutional	Published in	Final Name	Last Name	Our de métale	In addition	Curriculum	Teaching	Learner	Program	Patient	Surgical		Falmantian	In-	Other
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Sarety	Outcomes	Investigation	Education	Development	Other
Development of high-fidelity simulated	4.510000				o	I	Lub.	Books Madical Contra							V			
human tissue for surgical residency training	AEI2009	NA	no	no	Gladys	Fernandez	MD	Baystate Medical Center							Х			
Development of In-Situ Simulation Lab for																		
Training Gynecology Residents in Basic								Con Antonio Militano Madical										
Laparoscopic and Hysteroscopic Operative	A =100.4=	D			l		Lub.	San Antonio Military Medical	x	Х								
Skills	AEI2017	Descriptive	no	no	Maria	Molina	MD	Center	Χ	Χ								
Development, Implementation, and																		
Evaluation of a Competency-Based																		
Urology Bootcamp for Training First-year																		
Urology Residents, A Prospective Cohort	4.510040	Innovative					Lub.	A	V									
Pilot Study with Historical Controls	AEI2018	Techniques	yes	no	Yuding	Wang	MD	McMaster University	Х									
Differences Between Resident Specialties,																		
Education & Faculty: Results of an All GME					1.			Conemaugh Memorial						v				
Resident Boot Camp	AEI2012	Original	no	no	James	Gregory	MD	Hospital	Х	Х	Х		Χ	Х				
Direct Anterior Approach THA Course																		
Curriculum: An Interprofessional and		Work in					DPM,											
Experiential Learning Model	AEI2016	Progress	no	no	Lara	Murphy	BSc(Hons)	CSTAR	X									
Do Great Teams Think Alike? An																		
Examination of Team Mental Models and																		
their Impact on Team Performance	AEI2016	Original	no	yes	Aimee	Gardner	PhD	UT Southwestern										
Do Non-Technical Skills Improve with																		
Technical Skills Training? A Comparison of																		
Non-Technical Skills Rating and Operative																		
Performance Rating in Simulation	AEI2016	Original	no	no	Rao	Raghavendra	MD	University of Pennsylvania	X		X	X						
Do Teamwork and Communication																		
Concepts Learned in the Simulated																		
Environment Transfer to the Trauma Bay?	AEI2015	Original	no	no	Darlene	Bourgeois	MSN, RN	Lahey Health System	X	X	X	X						
Does Musical Instrument Experience																		
Correlate With Higher Performance On The	•																	
Robot Simulator?	AEI2016	Original	no	no	Antonio	Gangemi	MD, FACS	UIC			X	X						
Does Participation in Case-based Cadaver																		
Labs that Include Both Meta-cognitive and																		
Technical Skills Correlate with Trainees'																		
Performance on Surgical Exams and		Poster						Virginia Commonwealth										
Preceptors' Evaluations?	AEI2018	Presentation	no	no	Susan	Haynes	MS, MEd	University	X									
Does previous exposure to videogames																		
and/or practice with musical instruments											1							
influence performance on a virtual											1							
simulator for robot-assisted surgery?	AEI2016	Original	no	no	Andrea	Moglia	PhD	EndoCAS			1							
Effect of Team Training on Resuscitation																		
Times and Critical Errors in Simulated											1							
Trauma Following Shipboard Surgical											1							
Trauma Training (S2T2)								Rocky Vista University School			1							
Curriculum—Cumulative Data	AEI2016	Original	no	no	Ross	Mullinax	MD	of Medicine			1							
Effectiveness of Systems Changes		Ĭ	1			1	1											
Suggested by Simulation of Adverse								Tulane University School of			1							
Surgical Outcomes	AEI2014	Original	no	no	Meghan	Garstka	MD, MS	Medicine		X	1	Х	Χ					
Effects of a Surgical Simulation Course on		J	1	1	J	1	1				1	1	- •					
Undergraduate Surgical Clerkship											1							
Performance	AEI2017	Original	no	no	Michael	Tieman	MD, FACS	Rocky Vista University										
Effects of Sequential, Supervised			110	110			2,											
Simulation Training on the Acquisition and											1							
Long-term Retention of Vascular Surgical		Innovative						West Virginia University			1							
Skills	AEI2018	Techniques	no	no	Cara	Lyle	MD	Hospitals	Х	Х	I			Χ				
OMINO	ALIZUIO	Toorniques	110	110	Jula	Ly10	בוייו	rioopitais	^	^				^				

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			Multi-	Manuscript														
	Abstract		Institutional						Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Efficacy of a simulation-based training																		
program for improving the communication																		
skills of general surgery and obstetrics and																		
gynecology residents	AEI2016	Original	no	no	Ngan	Nguyen	PhD	Ohio Health			X	Χ						
Efficacy of Simulation-Based Training for																		
Laparoscopic Intraoperative		Innovative																
Cholangiography	AEI2018	Techniques	no	no	Tyler	Sbrocchi	MD	Riverside Methodist Hospital	X	X								
Emergency Medical Simulation Training for	-							UT Center for Advanced										
the General Dental Resident	AEI2014	Descriptive	no	no	Andrew	Young	DDS, DNB	Medical Simulation/UTMCK	X	X			Χ					
Emergency Medical Simulation Training for								University of Tennessee										
the General Dental Resident	AEI2015	Original	no	no	Chelsea	Balderson	DDS, DNB	Knoxville	X	X	X		Χ					
Endovascular Procedure Simulation as an																		
Assessment Tool for Vascular Surgeons	AEI2010	Non-AEI	yes	no	David	Dawson	MD, FACS	UC Davis			X							
Enhancing a General Surgery Residency																		
Curriculum through Integration of an Online							MD, FAAP,	Penn State Hershey Medical										
Content Management System	AEI2008	NA	no	no	Andreas	Meier	FACS	Center	X									
Enhancing Computer-Based Central Line	1						_											
Training for Surgery Residents Across Two		Poster						Naval Medical Center										
Training Programs		Presentation	no	no	Jenny	Held	MD	Portsmouth		X								
Enhancing Interprofessional Collaboration	7.2.20.0				00					, ,								
through Simulation-Based Team Training in	,																	
Clinical Oncology	AEI2014	Original	no	no	Ted	James	MD, MS, FACS	University of Vermont	X	x	X	Х	Χ					
Enhancing the realism of a surgical	ALIZOTA	Original	110	110	Tou	Janics	IVID, IVIO, I ACC	Onliversity of Vermont										
simulation cadaver lab using intravascular																		
pressurization technique	AEI2016	Original	no	no	Lauren	Poniatowski	MS	University of Minnesota										
Enlarging the Scope of ACS Accredited	ALIZUIU	Original	110	110	Lauren	1 Offiatowski	IVIO	Offiversity of Millinesota										
Education Institutes for Learners in																		
Different Disciplines	AEI2011	Descriptive	no	no	Bin	Zheng	MD. PhD	CESEI	X	Х								
Enterprise Deployment of a Simulation-	AEIZUTT	Descriptive	110	110	DIII	Zrierig	IVID, FIID	CESEI	^	^				 				
based Training and Management program																		
for Central Venous Catheters	AEI2011	Original	no	200	Mika	Sinanan	MD, PhD	University of Washington/ISIS	х				Х	Х				
Error Tolerance: A New Psychomotor	AEIZUTT	Original	110	no	IVIIKa	Silialiali	IVID, FIID	University of Washington/1313	^					^				
Performance Metric in Laparoscopic	A E1004 E	0-1-11			F	Gwillim	MD	I laive as it cat \A/ia a a a air		х	X							
Surgery Escalation of Care in Surgery: a	AEI2015	Originai	no	no	Eran	GWIIIIM	MD	University of Wisconsin		^	^				-			
0 ,	.																	
Systematic, Pro-active Risk Assessment of		Out of our				I. I t	MD DOL	In the second of Court of the second of			V							
Clinical Supervision	AEI2014	Originai	no	no	Maximilian	Johnston	MB, BCh	Imperial College London			Х							
Evaluating General Surgery Residents: Is it						1												
Worth an Olympic Effort?	AEI2012	Original	no	no	Roberto	Hernandez-Irizarr	IBS	Mayo Clinic Rochester	X	Х	X	Χ						
Evaluating the Effectiveness of Virtual		1	1	1			ĺ		1						1		1	
Reality Simulation Training in Intravenous	A =16 = 1 :		1	1		l	DI D	Link and the set Att							1		1	
Cannulation	AEI2010	Original	no	no	Costas	Loukas	PhD	University of Athens	Х	Х	Х			Х				
- , ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,		1	1	1			ĺ		1						1		1	
Evaluating the Quality of Video-taped		L	1	1	1	L .	l	LSUHSC SCHOOL OF	1	.,					1		1	
Debriefings after Simulation Team Training	AEI2018	Original Paper	yes	yes	John	Paige	MD	MEDICINE	ļ	Х	ļ			ļ	ļ		ļ <u>l</u>	
Evaluation of a Multispecialty, Self-		1	1	1			ĺ		1						1		1	
Directed, Simulation-based Learning	1	1	1	1			L		1] ,.				1		1	
Program	AEI2016	Original	no	no	Deborah	Rooney	PhD	University of Michigan	ļ		X	X			ļ			
Evaluation of Stress on Laparoscopic Skills	3		1	1			ĺ											
of Surgical Residents in Simulation-Based			1	1			ĺ]							
Education	AEI2012	Research Idea	no no	no	William	Boyer	DHSc	Lehigh Valley Health Network		X	X		Χ					
Evaluation of the Effectiveness of Self-																		<u></u>
Directed Learning Using a Take-Home		1	1	1			ĺ		1						1		1	
Laparoscopic Simulator to Supplement		1	1	1			BSc(Hon), MB,		1						1		1	
Clinical Training	AEI2014	Original	yes	no	Kathleen	Elliott	BCh, MRCS	Imperial College London	1	X	X		Χ		1		1	
External Review and Endorsement in								·									į į	
Support of Business Plans for Simulation			1	1			ĺ											
Centers	AEI2009	NA	no	no	Gerald	Moses	PhD	MASTRI Page 8									X	
-	•		•	•		•		. •						•		•		

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			Multi-	Manuscript														
	Abstract	Type of	Institutional						Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations		Safety		Investigation	Education	• • • • • • • • • • • • • • • • • • • •	Other
	Teai	Abstract	Judy	Julgery	Tilstivanie	Last Name	Credentials		Development	Wethous	Lvaluations	Lvaluations	Jaiety	Outcomes	IIIvestigation	Luucation	Development	Other
Eye-Gaze Strategies Affect Performance	4 = 100 4 =					. 5.		University of Calgary	×	Х	Х							1
on Arthroscopic Simulators	AEI2015	Original	yes	no	Justin	LeBlanc	MD, FRCSC	(University of Toronto)	Χ	Χ	Χ							
Face, content, construct validity and																		1
learning curve in robotic surgery simulation																		1
training: results of a multicentric evaluation												.,						1
of dV-Trainer®	AEI2013	Original	yes	no	Cyril	Perrenot	MD	Lorraine University	X	Х	X	X						
																		1
Facilitating Accurate Team Self-											.,							1
Assessments: Can Simulation Play a Role?	AEI2018	Original Paper	yes	no	Aimee	Gardner	PhD	Baylor College of Medicine		Χ	X							Teamwork
Facilitating the Implementation of the																		1
ACS/APDS Phase III Skills Curriculum:																		1
Training Faculty in the Assessment of																		1
Team Skills	AEI2014	Original	yes	no	Louise	Hull	PhD	Imperial College London	X	X								1
								ACS AEI Faculty										1
Faculty Development Practices at ACS								Development Committee										1
AEI's	AEI2015	Research Idea	no no	no	Jeffrey	Cooper	PhD	Study Paper	X	X								1
Faculty perceptions of barriers to																		
completing surgical resident assessments:																		1
A multi-institutional qualitative needs																		1
assessment	AEI2016	Original	no	no	Laura	Mazer	MD	Stanford University			X	X						1
Faculty Retention Strategies at Institute for		1						,										
Simulation and Interprofessional Studies																		1
(ISIS)	AEI2009	NA	no	no	Sara	Kim	PhD	University of Washington/ISIS									Х	1
Filling a void: Developing standard	7.2.2000							James and the same grant and									, ,	
subjective assessment tool for surgical																		1
simulation through systematic review of																		1
current practices	AEI2013	Original	no	ves	F. Jacob	Seagull	PhD	University of Michigan		Х	X							1
First Year of Virtual Grand Rounds: A	ALIZOTO	Original	110	ycs	1.04000	Ocagun	THE	Offiversity of Wherigan										
Report from the Technologies and																		1
Simulation	AEI2017	Original	yes	no	Ivan	George		Anne Arundel										1
Force during Simulation–Based	AEIZUIT	Original	yes	110	Ivaii	George		Allile Aldildel										\vdash
Orotracheal Intubation is predictive of		Poster																Objective
Clinical Competency	A E 12010	Presentation	no	no	Qasim	Al Abri	MD	McGill University										Assessment
Four-Year Curriculum for Urology	AEIZU16	Fieseniation	110	110	Qasiiii	AI ADII	MD, FRCSC,	IVICGIII OTIIVEISILY										Assessment
	AEI2008	NIA	no		Class adds	MaDaumall	MHPE	UC Irvine	X									1
Residency Training	AEI2008	INA	110	no	Elspeth	McDougall	MULLE	OC IIVINE	^									
French language adaptation of the																		1
O.S.A.T.S score for a technical skills :																		1
methodology and preliminary results of the		D			1.		DI-D	I be because the confidence			V							1
score adaptation	AEI2013	Research Idea	yes	no	Jean	Breaud	PhD	University of Nice			Х							
From the Trauma Bay to the ICU: a novel																		1
horizontal simulation curriculum for surgical									V	V	v	v						1
residents	AEI2014	Original	no	no	Kiyoyuki	Miyasaka	MD	University of Pennsylvania	Х	Х	Х	Х	X	ļ				
Fundamentals of Laparoscopic Surgery			I		1													1
(FLS) Manual Skills Assessment: Surgeon			1		L	_	5.5					V						1
Versus Non-surgeon Raters	AEI2011	Original	yes	no	Deborah	Rooney	PhDc	Northwestern University				Х		ļ				
Fundamentals of Laparoscopic Surgery		l	1		1													1
Manual Test: Is videotaped performance	1	Work in	1		L .	_			,,									1
assessment an option?	AEI2013	Progress	no	no	Deborah	Rooney	PhD	University of Michigan	X		X	Х		1				
Fundamentals of Robotic Surgery (FRS):			1		1													1
Inanimate tasks for robotic surgical skills		I	1		1												ļ ,.	1
assessment and training	AEI2009	NA	yes	no	Alvin	Goh	MD	MITIE									X	1
GEARS: An assessment tool to measure																		1
robotic surgical skills	AEI2009	NA	yes	no	Alvin	Goh	MD	MITIE	<u> </u>	<u> </u>					<u> </u>		X	<u> </u>
Gelatin paravertebral spine model – A			1		1													1
practical design for training general surgery	1		1															1
resident's basic skills in placement of a			I		1													1
continuous infusion catheter	AEI2016	Original	no	no	Shrunti	Sevak	MD	Beaumont Plaattl9System			X	X						1
I					1													

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Hazard Zones: For Focused Complex																		
Laparoscopic Surgical Skills Training	AEI2014	Original	no	no	Marisa	Louridas	MD	University of Toronto	X	X			Χ					
Healthcare Teams Typology	AEI2009	NA	no	no	Pamela	Andreatta	EdD, MFA, MA	University of Michigan								Х		
Hemostasis in a non-compressible																		
hemorrhage model: an end-user evaluation																		
of hemostatic agents in a proximal arterial																		
injury	AEI2012	Original	no	no	Steven	Satterly	MD	Madigan Army Medical Center			X	Χ	Χ	Х				
I Have to Learn Laparoscopic Latero-																		
Lateral Small Bowel Anastomosis: How																		
Long Will it Take?	AEI2015	Original	no	no	Carlos	Manuel-Palazuelo	MD, PhD	Hospital virtual Valdecilla		Χ	X			X				
Identifying Learning Needs through																		
Analysis of Coaching Profiles in																		
Laparoscopic Bariatric Surgery	AEI2015	Original	no	no	Esther	Bonrath	MD	University of Toronto	X	Χ	X							
Immersion Team Training In Realistic								United States Medical Corps.										
Environment Improves Performance In								(Naval Medical Center San	V	V	V	.,	v					
Trauma Resuscitation	AEI2015	Original	no	yes	Kris	Siriratsivawong	MD	Diego)	Х	Х	Х	Χ	Х					
Immersion Training in Simulation Brings	A E1004 4	Onlaria	,		A mathematical	LaDarta	MD FACC	Rocky Vista University School	Х	Х	X	х	Х	Х	1		1	
Hyper-Realism to Training	AEI2014	Original	yes	no	Anthony	LaPorta	MD, FACS	of Medicine	Χ	X	Χ	Χ	Χ	Χ				
Impact of a Structured Training and		VAC L- L																
Assessment Curriculum (STAC) on the Quality of Skill Acquisition in MIS	4 E10000	Work in			N1 - 11	0	MD	University of Toronto									l x	
Imperial College Competency Assessment	AEI2009	Progress	no	no	Neil		MD. PhD. MA.	University of Toronto									^	
Tool (ICCAT)	AEI2008	NIA	200	200	Rajesh		FRCS	Imperial Callage Landon				Х						
Implementation and Educational Outcomes		INA	no	no	Rajesii	Aggarwal	rrus	Imperial College London				^		 				
for a Central Line Workshop Subtitle: A																		
Simulation Center and Procedural Skills																		
Lab Collaborative	AEI2008	NΑ	no	no	William	Dunn	MD	Mavo Clinic Rochester				Х						
Implementation and Evaluation of a	ALIZUUU	INA	110	110	vviiiiaiii	Duilli	IVID	Mayo Cirric Nochester										
Comprehensive Proficiency-Based Upper																		
GI Curriculum: A Multi-Institutional		Poster					MD. PhD.											
Canadian Experience	AFI2018	Presentation	yes	no	Boris		FRCSC	Queen's University	Х	X								
Implementation and Evaluation of a	7.2.20.0		,,,,		20110	201111			, ,	,,								
Comprehensive Simulation-Enhanced																		
Upper GI Training Curriculum in a Large																		
Academic General Surgery Residency																		
Training Program	AEI2014	Original	no	no	Boris	Zevin	MD	University of Toronto	X	X	X	X						
Implementation of Institution-wide Central		_						University of Iowa Center for										
Venus Catheter Insertion Certification		Poster						Procedural Skills and										
Program	AEI2018	Presentation	no	no	Julie	Hartman	DC, MS	Simulation					Χ					
Improving cross specialty recognition of																		
atypical skin lesions through experiential								Conemaugh Memorial										
learning	AEI2017	Other	no	no	Jeffrey	Garon	MD, BA	Hospital	X	X			X					
Improving Surgical Skills Through		1							.,						ĺ			
Simulation Education	AEI2010	Original	no	no	Benjamin	Zendejas		Mayo Clinic Rochester	X	Х	X							
In Situ Multidisciplinary Obstetric Team																		
Training for Emergencies: Maximizing						1									1		1	
Training Opportunities while Sensing	A E100.1=	Out at a 1			I		DNI DOSS	N					v		1		1	
Latent Threats to Patient Safety	AEI2017	Original	no	no	Joy	Greer	RN, BSN	Naval Hospital Portsmouth					Х		-		 	
Increased Stress Levels May Explain the						1									1		1	
Incomplete Transfer of Simulator-Acquired		NIA			Dimethyles	Chafamidi	MD DED EAGO	Caralinas Haalthaans Sustan							Х		1	
Skill to the Operating Room	AEI2009	INA	no	yes	Dimitrios	Stefanidis	IVID, PRD, FACS	Carolinas Healthcare System						ļ	^		1	
Increasing survival of healthcare personnel						1									1		1	
during an active shooter attack:						1									1		1	
Establishing Face Validity of an interactive simulation training as a better teaching		Work in				1									1		1	
modality	ΛΕΙ2017	Progress	no	20	Marcos	Molina	MD	University of Minnesota	X						1		1	
modality	MEIZU17	i iogiess	110	no	IVIdICOS	เพเบแแล	טואו	Offiversity of Millinesold	^									

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			Multi-	Manusanint														
	A la a 4 a 4	Towns of		Manuscript					C	Tasabina		D	Dations	Commissal			l _m	
Al44 T'41-	Abstract		Institutional	Published in	F! 4 N	L 4 N	0	La - Ofe de	Curriculum	Teaching	Learner	Program	Patient	Surgical		F.d 41	In-	041
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Initial Steps Towards the Development of a	1																	
De Novo Simulation-Based Anesthesia		Work in																
Curriculum	AEI2012	Progress	no	no	Edwin	Ozawa	MD, PhD	Lahey Health System	X	X			X					
Innovations In 3D Modeling And Surgical		Work in																
Planning In General Surgery	AEI2016	Progress	no	no	Ciro	Andolfi	MD	University of Chicago			X	X	X					
Innovative Approach to Faculty																		
Development Utilizing Simulation	AEI2014	Original	no	no	Jason	Zigmont	PhD	OhioHealth	X	X			X	X				
Instituting a Surgical Skills Competition																		
Increases Technical Performance of																		
Surgical Clerkship Students Over Time	AEI2017	Original	no	no	Harold	Leraas	MA, BS	Duke University	X									
Integration of a Curriculum for the																		
Surgeons Training Endoscopic Proficiency																		
(STEP) Program into General Surgery		Work in																
Residency	AEI2011	Progress	no	no	Andrew	Kastenmeier	MD	Lahey Health System	X	Х								
Integration of Procedural Skills Simulation	/ (LIZOTT			110	7 trial OW	radioninididi		Zaney meanin eyetem										
and Just In Time Training into an Advance	4	Work in																
Physical Diagnosis Program	AEI2011	Progress	no	no	Edward	Jasper	MD	Thomas Jefferson University	Х	Х	X		Х					
Intensive, Integrated Pre-clinical Surgical	ALIZOTT	riogrooo	110	TIO	Luwaru	оазреі	INID	Thomas concreti chiverenty	Λ									
Immersion Curriculum for Early Exposure		Work in																
, ,	AEI2017	Progress	no	no	Brittany	Hasty	MD	Stanford University	Х		X							
to Surgery Interdisciplinary team training identified	AEIZUIT	riogiess	110	110	Dillarly	павц	IVID	Starilord Offiversity	^		^							
significant discrepancies between																		
institutional policies and clinical practice	AEI2011	Descriptive	no		Damala	A	PhD	University of Michigan				Х	Х					
Interdisciplinary team training led to	AEI2011	Descriptive	TIO	no	Pamela	Andreatta	PIID	University of Michigan				^	^					
successful management of a rare Obstetric																		
o a		Original	no		Damala	A	PhD	University of Michigan		Х		Х	Х	Х				
emergency International Consensus on Defining and	AEI2011	Original	110	no	Pamela	Andreatta	MBBS. MA.	University of Michigan		^	-	^	_ ^	^				
	A E10040	Original	1/00		Duite	Cim mb	MRCS	Imperial Callege Landon				Х	Х					
Measuring Quality in Surgical Training International Delphi Consensus on Critical	AEI2013	Original	yes	no	Pritam	Singh	IVIRCS	Imperial College London			-	^	_ ^					
							MB, BS,											
Components of the Safe Surgical Ward: Identification of Factors for Educational																		
	4 = 100 4 =	0					BSc(Hons),	land of the section					V					
Interventions and Quality Assessment	AEI2017	Originai	no	no	Yasmin	Hassen	MRCS	Imperial College London					Х					
Interprofessional Collaboration Facilitates																		
Enhancements of a Preparation for	A E10040	0					LUD.	I I a to a constitution of Million and a constitution of the const	V		X	Х						
Internship Curriculum	AEI2016	Originai	no	no	Brent	Bauman	MD	University of Minnesota	Х		Χ	Χ						
Inter-professional Education and																		
Simulation to Improve Knowledge	4 = 100 4 0						D. I.D. D. I.		V		V	V						
Retention of CAUTI	AEI2016	Original	no	no	Paula	Graling	DNP, RN	INOVA Health System	Х		Х	Х						
Interprofessional Education: Simulation-	4 = 100 40	D					MD 5400	T A 0.04 / O	V			V						
based Mass Casualty Exercise	AEI2012	Descriptive	yes	no	J. Scott	Thomas	MD, FACS	Texas A&M / Scott and White	Х			Х						
Interprofessional Education: Simulation-	. = 10000	D					Lub.	T A 0.04 / O								V		
based Mass Casualty Exercise	AEI2009	Descriptive	no	no	Rebecca	Wiatrek	MD	Texas A&M / Scott and White								Х		
Intermedianal Circulation to 105		1						Dama Madiaal Olivertation										
Interprofessional Simulations to Inform	4 = 100 4 =							Penn Medical Simulation										
Perioperative Facility Planning and Design		Original	no	no	Kristoffel	Dumon	MD, FACS	Center										
Intracorporeal Suturing: Transfer from FLS	1	1	1								1							
to Cadavers Results in Substantial		Out at a 1	1		D. I	D.:#	MD 5400	E) 440	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	.,								
Increase in Mental Workload	AEI2014	Original	yes	yes	Rebecca	Britt	MD, FACS	EVMS	Х	Х	Х							
Introducing team training and crisis		1	1								1							
management in the surgical residency	1	l			l													
program.	AEI2009	NA	no	no	Harsh	Grewal	MD, FACS	Temple University Hospital			ļ					Х		
Introduction of a Comprehensive Training		1																
Curriculum in Laparoscopic Surgery for	1	L	1		l			St. Michael's	,,	,,	.,							
Medical Students: a Randomized Trial.	AEI2013	Original	no	yes	Nada	Gawad	HBSc	Hospital/University of Toronto	X	Χ	X	ĺ		Χ				

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			Multi-	Manuscript														
	Abstract		Institutional						Curriculum	Teaching	Learner	Program	Patient	Surgical			ln-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Introduction of VR Simulation Based																		
National Training Course on Neurosurgery																		
at Congress of Neurological Surgeons	A E10040	Danasanah Islan			D	D - 141	MD	Hairranik raf Ohiaana	x	Х	Х	Х		Х				
(CNS): Preliminary Results Investigating of Surgeon's Vigilance on	AEI2013	Research Idea	no	no	Ben	Roitberg	MD	University of Chicago	^	^	^	^		_ ^				
Patient's Condition Using Eye-Tracking																		
Techniques	AEI2010	Original	yes	no	Bin	Zheng	PhD	CESEI			X		Х	Х				
Knot Tying: Transforming Novice to	ALIZOTO	Original	yes	110	Dill	Zilong	i no	OLGE!										
Proficient Performance in less than 60		Poster																
minutes. Can it be done?	AEI2018	Presentation	no	no	Mohamed	Baloul	MBBS	Mayo Clinic Rochester		X	Х							
Laboratory Simulation is Useful in Training								,										
Residents in Bowel and Vascular								Providence Hospital and										
Anastomosis	AEI2013	Research Idea	no	no	Vijay	Mittal	MD	Medical Centers	X	X				X				
Laparoscopic Cholecystectomy Simulation-	-																	
Based Training: Does the Type of Trainer																		
Matter?	AEI2012	Original	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	X	X	X	X	Χ	X				
Laparoscopic Peg Transfer Simulation																		
Tasks with Two Difficulty Levels: Analysis																		
of Two Years Interns' Performance and											.,							
Workload	AEI2018	Original Paper	yes	no	Amro	Abdelrahman	MBBS	Mayo Clinic Rochester			Х							
Laparoscopic Repair of Perforated Peptic																		
Ulcers: A Low Fidelity Simulator and Training Curriculum for Surgical Skill		Poster																
Development	AEI2018	Presentation	no	no	Kristen	Cox		University of Minnesota		X								
Laparoscopic training in the UK	AEI2010	Original	+		Daniel	Brown		Imperial College London		X		Х						
Laparoscopic training in the OK	AEI2010	Original	no	no	Daniei	Brown		SiTEL's Clinical Simulation		^		^		-				
Learning to round before rounds	ΛE12012	Descriptive	no	no	William	Yi	MD	Center of MedStar Health	х	Χ	X							
Learning to round before rounds	AEIZUIS	Descriptive	110	110	vviiliaiii	111	IVID	Center of Medotal Fleatin	^									
Lessons Learned from 10-year Experience																		
with Postgraduate Courses for Surgeons	AEI2009	NA	no	no	Dimitrios	Stefanidis	MD. PhD. FACS	Carolinas Healthcare System								Х		
Longterm Impact of a Laparoscopic Renal	712.2000				2	otorarii aro	,									,		
Surgery Mini-Fellowship on Postgraduate							MD, FRCSC,											
Urologic Practice Patterns.	AEI2009	NA	no	no	Elspeth	McDougall	MHPE	UC Irvine							X			
Long-term Impact of the Robot Assisted																		
Laparoscopic Prostatectomy Mini-																		
Residency Training on Post-Graduate																		
Urologic Practice Patterns	AEI2008	NA	no	no	Michael	Louie	MD	UC Irvine				X		X				
Loss of skill retention of Intra-osseous																		
catheter placement among residents over					_				V.									
time	AEI2016	Original	no	no	Rex	Chung	MD	Cedars Sinai	Х		Х	Х						
Low Fidelity Materials Yield High																		
Resolution Assessment of Anatomical KnowledgeReally?	A E12040	Original Paper		1/00	Llumzo	Saleem	MD	Mayo Clinic Rochester	x		Х				1			
Lower Gastrointestinal Endoscopy	AE12018	Ongmai Paper	no	yes	Humza	Saleem	ואוט	Iviayo Cililic Rochester	^		_ ^			1	 		1	
Simulation Training in a Surgical Skills																		
Training Curriculum	AEI2009	NA	no	no	Raphael	El Youssef	MBBS	VirtuOHSU							1	Х		
Low-Hanging Fruit: Using Clementines for	ALIZUUS	10/1	110	110	Napriaci	Li i uussei	111111111111111111111111111111111111111	VII.GOT100							 			
laparoscopic surgery training in	1					1									1			
gynecological oncology	AEI2011	Original	no	no	Pamela	Andreatta	PhD	University of Michigan	Х	Χ	Х		Х	X				
LSUHSC-NO Expands Surgical Education							1		, ,		,				1		1	
through Innovative Developments and																		
Collaborations	AEI2008	NA	no	no	Sheila	Chauvin	MEd	LSUHSC-New Orleans		Χ								
LVHN The Level II Accreditation Journey	_	Descriptive	no	no	Cathyann	Feher	RN, MSN	Lehigh Valley Health Network	Х			Х						
Macrosystem Simulations in a New	1	F		1		1	,	5 ,				- `			1		1	
Hospital Facility	AEI2017	Original	no	no	Gladys	Fernandez	MD	Baystate Health							1			
· · · · · · · · · · · · · · · · · · ·			-					·										

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	Abstract	Type of	Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Manual Dexterity and Surgical Vocation:																		
Which Came First?-Perhaps 3D Virtual																		
Reality Simulators May Provide a Modern																		
Answer to an Ancient Dilemma□	AEI2014	Original	no	no	Antonio	Gangemi	MD, FACS	UIC		X	X	X						
Mastering Instruments at Hands before						Ĭ												
Operating on Patient - Role of Simulation in	n																	
Training of Tool Use Skills	AEI2011	Original	no	no	Bin	Zheng	MD, PhD	CESEI						X				
Maximizing Benefit: Five Strategies for																		
Getting the Most from Your Survey								UT Center for Advanced										
Assessment Instruments	AEI2014	Descriptive	no	no	Patrick	Barlow	BA	Medical Simulation/UTMCK	X			X						
Measuring the Tools of the Future: How								Rocky Vista University School										
Will We Tell the Effectiveness of Training	AEI2016	Original	yes	no	Anthony	LaPorta	MD, FACS	of Mediicne	X		X	X	Χ					
Mental Practice Enhances Retention of																		
Simulator-Acquired Surgical Skill: Results							MD, PhD,											
of a Randomized Controlled Trial	AEI2016	Original	no	no	Dimitrios	Stefanidis	FACS, FASMBS	Carolinas Healthcare System										
Mental Skills Training Limits Operative Skil																		
Decay Under Stressful Conditions: Results																		
of a Multi-Site Randomized Controlled		Poster						Indiana University School of										
Study	AEI2018	Presentation	yes	no	Nicholas	Anton	MS	Medicine	X									
Mentorless Training Program Results in																		
Significant Improvement in Students'																		
Surgical Skills	AEI2017	Research Idea	no	no	Michelle	Leong	BS	Grainger/Northshore		Х								
Methodologies for Establishing Validity in															.,			
Surgical Simulation Studies	AEI2009	NA	no	yes	Sara	Kim	PhD	University of Washington/ISIS							X			
Methods for Increasing the Internal Validity																		
of Assessment in Simulation: Lessons																		
Learned in the Applied Perioperative	4.510044				L		D. D.	UT Center for Advanced	V		V	V						
Surgical Simulation Environment	AEI2014	Descriptive	no	no	Robert	Heidel	PhD	Medical Simulation/UTMCK	Х		Х	Х						
Michigan Hip Curriculum: Early evaluation		lana av sadis sa																
of a new curriculum for diagnosis of	4 = 100 40	Innovative					DI D	Links and the second state of the second	X									
developmental hip dysplasia Microsurgical Skills Training Course: The	AEI2018	Techniques	no	no	Deborah	Rooney	PhD	University of Michigan	Λ									
Effect on Microsurgery Training Course. The		Poster																
Confidence and Workload	A E 1204 0	Presentation	no	no	Anita	Mohan	MBBS	Mayo Clinic Rochester			X							
Modeling Operative Thinking in a	AEIZU10	Fresentation	110	no	Ariita	Monan	IVIDES	Mayo Cirile Rochester			^							
Simulation-Based Continuing Medical																		
Education Course on Laparoscopic Hernia																		
Repair	AEI2017	Original	no	no	Andrew	Ruis	PhD	University of Wisconsin		Х								
Modern Paradigms in Surgical Training –	7L12U17	Jinginiai	TIU	110	MIUIEW	i tuio	1. 110	Chiversity of Wisconsin		^	1			1	 	 	+	
An International Qualitative Study to				1											1	1	1	
Determine Factors Affecting the							MB, BS,											
Implementation of Simulation-based				1			BSc(Hons),								1	1	1	
Training Programmes	AEI2016	Original	no	no	Shady	Hosny	MRCS	Imperial College London	Х				Χ		1	1	1	
Modernizing educational paradigms by			110	110	- July			conego zonadi	^				- / \					
integrating surgical simulation across		Poster		1				Rush University Medical							1	1	1	
surgical specialties	AEI2018	Presentation	no	no	Nicole	Siparsky	MD	Center	Χ						1	1	1	
'	1		1	1	İ	1 7			-		Ì				İ	1	i i	
Multiple Simulation Modalities Enhanced a																		
Preparation for Surgical Internship Course		Original	no	no	Brent	Bauman	MD	University of Minnesota	X	Х								
New Longitudinal Procedure-Specific		Ť																
Curriculum for Minimally Invasive Surgery								Grainger (NorthShore										
Skills Training and Retention	AEI2015	Original	no	no	Alexandre	Derevianko	MD, MA	University)	X	Х	X							
No More Hotel Stays for ABS Examiners or		Ĭ					· ·											
Examinees: A Pilot Study to Assess the				1														
Internet as an Oral Exam Platform	AEI2011	Research Idea	yes	no	David	Farley	MD	Mayo Clinic Rochester		Х	X				1	1	1	
Non-Technical Skills Assessment in the																		
Post Operative Setting	AEI2010	Descriptive	no	no	Bharat	Sharma	MD	University Political Universit			X			X		1		
			•	•		•	•							•				

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations		Safety		Investigation	Education	Development	Other
	I Cai	Abstract	Judy	Juigery	Tilstivanie	Last Name	Tederitials	T	Development	Wethous	Lvaidations	Lvaluations	Jaiety	Outcomes	investigation	Luucation	Development	Other
Nurse Training with Simulation: An								Penn State Hershey Medical										
Innovative Approach to Teach Complex Microsurgery Patient Care	A E12012	Descriptive	no		lohn	Potochny	MD. FACS	Center	X	Х		Х						
Observational Learning During Simulation-	AEIZU1Z	Descriptive	no	no	John	Potocnny	IVID, FACS	Center	^	^		^						
based Training In Arthroscopy: Is It Useful							MD, MHPE,											
To Novices?	AEI2015	Original	no	no	Marie-Eve	LeBel	FRCSC	University of Western Ontario	X	Х	X							
Oh, The Stress of Simulation! Role of Skin		Original	110	110	Marie-Eve	Lebei	FRUSU	Oniversity of Western Ontano	^	^	^						+	
Conductance as A Stress Indicator in		Work in																
Surgical Education.	AEI2016		no	no	Monali	Mohan	MD	Mavo Clinic Rochester			X	Х						
One's SIM trash is another's SIM treasure:	ALIZOTO	i logicaa	110	no	Worldii	Wionan	IVID	Wayo Office (Correstor										
SimPortal experience in the building of a																		
percutaneous gastrostomy (PEG) skill		Poster																
trainer.	AEI2018	Presentation	no	no	Marcos	Molina	МД	University of Minnesota		X								
Operating Room Crisis Checklists:	71212010	Work in			marooo	THO III IG	5	Charterenty or managed		,,								
Development of Simulation Training	AEI2017	Progress	no	no	Amber	Trickev	PhD, MS	INOVA	Х				Χ					
Operation room fire simulation study		Ť					,											
effectively prepares operating room staff																		
for fire	AEI2016	Original	no	no	Tomokazu	Kishiki	MD, PhD	Grainger/NorthShore										
Optimizing Simulation-Based																		
Interdisciplinary Teamwork Training for																		
Medical and Nursing Students and																		
Evaluating Its Long-term Effects	AEI2017	Original	no	no	Darlene	Bourgeois	MSN, RN	Lahey Clinic										
Optimizing the selection of general surgery																		
residents: a national consensus	AEI2015	Original	yes	no	Marisa	Louridas	MD	University of Toronto			X							
Organization of a curriuclum Designed to																		
Transfer Learning from skills Lab to								L										
Bedside	AEI2009	NA	no	no	Debra	DaRosa	PhD	Northwestern University								Х		
Orthopaedic boot camp II: Examining																		
retention rates for skills taught through an																		
intensive laboratory-based surgical skills	A E10044	0.1			D	0	DID MO	Married Olivert Harristed		Х		Х						
Course Orthopaedic Boot Camp III: Examining the	AEI2011	Original	yes	yes	Ranil	Sonnadara	PhD, MSc	Mount Sinai Hospital		Χ		Χ						
efficacy of student-regulated learning during an intensive laboratory-based																		
surgical skills course	AEI2012	Original	no	yes	Ranil	Sonnadara	PhD	University of Toronto	Х	Х	x							
Orthopaedic boot camp: Examining the	ALIZUIZ	Original	110	yes	Natili	Sulliauaia	FIID	Offiversity of Totolito	^									
effectiveness of an intensive surgical skills																		
course	AEI2010	Original	no	yes	Ranil	Sonnadara	PhD, MSc	University of Toronto	Х	X	X	Х		Х				
Out of the OR and Before the Bench: How		g		,			,											
to Prepare Surgical Residents for their First	t																	
Interaction with Attorneys																		
•	AEI2017	Descriptive	no	no	Alessandra	Landmann	MD	University of Oklahoma HSC					Χ					
Outcome Measures for Surgical			1															
Simulators: Is the focus on technical skills															_ [
the best approach?	AEI2009	Original	yes	yes	Carla	Pugh	MD, PhD, FACS	Northwestern University							X			
Outcomes Following Introduction of a			1															
Standardized Process To Improve									, ,			, , l						
Transitions of Care in a Surgical Practice	AEI2017	Original	no	no	Yazan	AlJamal	MD	Mayo Clinic Rochester	Х			Х	Х	Х				
Patient Specific Simulation for Aortic	4510045	Out at a st			IZ du	11 11 -	MD, FACS,	M. Cill I I in the second to	V	V								
Surgery Pre-procedural training Patient-Centered Communication for	AEI2015	Originai	no	no	Kevin	Lachapelle	FRCSC	McGill University	Х	Х								
Surgical Residents: A Simulation-Based Curriculum	AEI2016	Original	no	no	Amber	Trickey	PhD, MS	INOVA Health System		Х	Х	Х						
Patient-Specific Simulated Rehearsal for	AEIZU IO	Original	TIO	110	VIIIDEI	HICKEY	טווי, ועוט	INOVA FICARLII SYSTEM		^		^						
the Carotid Artery Stenting Procedure	AEI2011	Original	yes	no	Willem	Willaert	MD	Imperial College London		Х		Х	Х	Х				
Pediatric inquinal hernia tutorial using	7L12011	Original	yes	110	* v III GIII	vvillacit	IVID	Importat College Loridon				^	^	_^_				
simulation. Development and validation of			1															
clinical and surgical models	AEI2014	Original	yes	no	Jean	Breaud	PhD	University Rother Cle4	Х	Х	X							
3 1110 4010	,	1 3	, ,,,,	1	,	,		,									·	

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Categories of Research

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Abotroct Title	Abstract		Institutional			Last Name	Credentials	Inatituta	Curriculum	Teaching Methods	Learner	Program	Patient	Surgical	Investigation	Education	In-	Othor
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	wethous	Evaluations	Evaluations	Sarety	Outcomes	Investigation	Education	Development	Other
Perceptions of Surgical Task Trainers –										.,	.,							
What Do Trainees Prefer?	AEI2013	Original	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester	X	Х	X	X						
Performance on a Physical Endoscopic																		
Simulation Platform Predicts Performance																		
on the Fundamentals of Endoscopic																		
Surgery (FES) Manual Skills Exam		Original	yes	no	Zachary	Taylor	DO	USU	X		X							
Performance Variability During Training on																		Performance
Simulators Predicts Skill Transfer	AEI2018	Original Paper	yes	yes	John	Martin	MD	Indiana University			X							Assessment
Peroral Endoscopic Myotomy Curriculum																		
Eor The Treatment Of Achalasia And																		
Esophageal Motility Disorders Using																		
Simulation & Animal Platforms□																		
	AEI2016	Original	no	no	Andrew	Wang	MD	Naval Med Ctr San Diego	X									
Personalized video feedback to improve "a	ıt																	
home" pre-residency preparation of																		
surgical interns	AEI2017	Original	yes	yes	Nimesh	Naik	MD	Mayo Clinic Rochester										
Phantom-Based Curriculum for Basics of																		
Interventional Ultrasound	AEI2009		no	no	Todd	Cannon		University of Washington/ISIS								X		
Physician Perception of Frailty and Role in		Work in							.,									
Surgical Risk Assessment	AEI2013	Progress	no	no	Mark	Ferguson	MD	University of Chicago	X									
Pilot Study Using Virtual Reality Simulation																		
to Create a Novel Objective Test Battery o	f																	
Sensory-motor Skills in Candidates for a		Work in																
Surgical Residency.	AEI2013	Progress	no	no	Ben	Roitberg	MD	University of Chicago	X	Х	X							
Pilot Testing of a Simulation Based Model											.,							
for Suture Repair of Laparoscopic Bleeding		Original	no	no	James	McClintic	MS	UTMB			X	X						
Point-of-care Bedside Ultrasound Training:																		
Expansion within a Surgical Internship										.,	.,							
Preparation Curriculum	AEI2017	Descriptive	no	no	Victor	Vakayil	MB, BS	University of Minnesota	Х	Х	Х	X						
Pooling Resources: Creation of a Surgical	4 = 10040	0-1-11			01.	D	MD 5400	INIONA I I - III - O - I - III			V	V						
Bootcamp that Straddles Specialty Lines	AEI2016	Original	no	no	Sharon	Bachman	MD, FACS	INOVA Health System			Х	Х						
Practicality of Using Galvanic Skin																		
Response to Measure Intra-operative																		
Physiological Autonomic Activation in	A E1004 4	Danamintina			Devi	Dhitarrakann	MD. MEd	MGH		Х	Х		Х					
Operating Room Team Members Prediction of Future Performance in	AEI2014	Descriptive	no	yes	Roy	Phitayakorn	MD, MEG	MGH		^	^		^	1				
							MD, PhD, MA,											
Minimally Invasive Surgery – A Tool for Surgical Selection	A E10044	Original	no		Rajesh	A	FRCS	Imperial College London		Х	Х							
Preliminary results of our simulation-based		Original	110	no	Rajesii	Aggarwal	FRUS	Imperial College London		^	^							
experience on the management of "blue																		
codes" and emergent open conversion in																		
the robotic operating room	AEI2015	Original	no	no	Antonio	Gangemi	MD	UIC	Х	Х		Х	Х					
Preparing to Save a Life - Simulation	AEIZUIS	Original	110	110	AIIIOIIIO	Garigeriii	IVID	OIC	^	^		^						
Course for Penetrating Thoracic Trauma in	.																	
a Low Volume Hospital		Descriptive	no	no	Dmitry	Nepomnayshy	MD, FACS	Lahey Health System	X	Х	X							
Pressurized Cadaver Flow Model (PCM): a		Descriptive	110	110	יוווע y	repolitiaysily	IVID, I ACC	Lancy Health Gystein	^	^	^			 				
Novel Model for Endovascular Surgical	1	1	1		1			Navy Medical Center San						1				
Training	ΔEI2015	Descriptive	yes	no	Joseph	Ayers	MD	Diego	X	Х								
Problem Based Learning (PBL) with	ALIZUIS		yes	110	3000011	,	+		^	- ^`-	1			 			 	
Supplemental Interactive Medical																		
Multimedia (PBL-SIMM)	AEI2009	ΝΔ	no	no	Dayne	Mickelson		University of Washington/ISIS								Χ		
Proficiency – Targeted Simulation Training		14/7	110	TIO	Dayne	IVIICKEISUII	1	Oniversity of Washington/1818		1	1			 		^		
of Novice Surgeons Results in Improved	1	1			1									1				
Laparoscopic Skills Measured in the					1													
Operating Room	AEI2008	ΝΔ	no	no	Paul	Gauger	MD	University of Michigan						Х				
Operating Noon	AEIZUU8	INA	IIU	110	Fdui	Gaugei	טואו	Total versity of ivilidity and		l .		1		_ ^	l		1	

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	Abstract			Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			ln-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Proficiency gain curve and skills retention																		
at a virtual simulator for robot-assisted																		
surgery: a blind study	AEI2017	Original	no	no	Andrea	Moglia	PhD	EndoCAS										
Proving the Value of Secondary Task																		
Metrics for Performance Assessment on																		
Surgical Simulators	AEI2010	Original	yes	no	Dimitrios	Stefanidis	MD, PhD, FACS	Carolinas Healthcare System			Х							
Psychometric Analysis of the Phase I																		
ACS/APDS Skills Curriculum, Verification	4.510000	0													×			
of Proficiency Examination	AEI2009	Original	no	no	Eric	Hungness	MD	Northwestern University							Χ			
Pushing the Milestone Project Further: Using X-Games (Simulation-Based																		
Assessment) to Determine Promotional																		
Eligibility among General Surgery																		
Residents – A Preliminary Experience	AEI2013	Original	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester		Х	Χ	Х						
Quantifying Surgeon's Contribution to	AEIZUIS	Original	110	110	Naaj	Kuparei	IVID	Mayo Cililic Rochester										
Team Effectiveness on a Mixed Team with																		
a Junior Surgeon	AEI2010	Original	ves	yes	Bin	Zheng	PhD	CESEI	Х		Х			X				
Regional Collaboration for Technical Skills	712.2010	g	,,,,	yee	5	Litering			,,		,,							
Training in Surgery Residencies	AEI2008	NA	no	no	Daniel	Scott	MD, FACS	UT Southwestern				Х						
Relevance of various components of							,											
Surgical Skill Training workshop	AEI2009	NA	no	no	Irene	Yang		Temple University Hospital							X			
Report on the First Consensus Conference						Ŭ												
on the Fundamentals of Robotic Surgery:																		
Outcome Measures	AEI2012	Original	yes	no	Richard	Satava, Jr.	MD, FACS	University of Washington/ISIS	NA	NA	NA	NA	NA	NA				
Resident Perception of Barriers to																		
Adequate Patient Handoff	AEI2013	Original	no	no	Rebecca	Britt	MD	EVMS	Χ	Χ								
Residents' Perspectives on the Value of																		
Simulation in a General Surgery Residency												.,						
Curriculum	AEI2011	Original	yes	yes	Hania	Wehbe-Janek	PhD	Texas A&M / Scott and White			Х	Χ						
Role of Instruction Method in Novices'																		
Acquisition of Minimally Invasive Surgical (MIS) Basic Skills	AEI2009	NA			laba	Daine	MD, FACS	LSUHSC-New Orleans							×			
Roles of Simulation in Ebola Preparedness	AEI2009	Work in	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans							^			
Training	AEI2015	Progress	no	no	Gladys	Fernandez	MD	Bavstate Simulation Center		Χ		Х	Х					
Safe Adoption Of Robotic Training In	ALIZUIS	i logiess	110	110	Glauys	i emandez	IVID	Daystate Simulation Center										
Residency With a Eundamentals Of																		
Robotic Surgery Curriculum -A 5 Year																		
Experience In a Military Institution	AEI2016	Original	no	no	Alwin	Albert	MD	Naval Med Ctr San Diego	Х		Х	X						
Self/Peer Resident Assessment of the								, ,										
Basics of Open Laparotomy Training																		
(BOLT) on a Simulated Abdominal Model	AEI2016	Original	no	no	Jessica	Fazendin	MD	Drexel University			X	X						
Sepsis Training using Interactive Virtual								-									Ì	
Reality (IVR)	AEI2017	Original	yes	no	Naveen Kumar	Sankaran	MS	University of Illinois-Urbana	Χ	X	X	Χ						
Serving Up Your Service: How Can YOU																		
Assess Your Trainees?	AEI2016	Descriptive	no	no	Becca	Gas	BS	Mayo Clinic Rochester	X		X	Х						
Setting Mastery Learning Standards for																		
Laparoscopic TEP Inguinal Hernia Repair									.,									
Simulator Training	AEI2011	Original	no	no	Benjamin	Zendejas	MD	Mayo Clinic Rochester	Х	Х	Χ							
Chauld the American Board of Commission			1														1	
Should the American Board of Surgery		Postor					MD EACS	University of Colifornia										
(ABS) Require Ultrasound Education Program for General Surgery Certification?	A E 12019	Poster Presentation	no	no	John	Agapian		University of California, Riverside/RUHS	x								1	
Simulated Operating Room Crisis during	AEI2018	rresentation	no	no	JUIIII	луаріап	r CCIVI	Niverside/RUD5	^					-			+	
Robotic Surgery using a Completely																		
Portable Human Patient Simulator (HPS)	AFI2000	NA	no	no	Rohan	Joseph		MITIE									l x	
. s.tas.s Hamair Fationt officiation (File 6)	, 12003	1 ,	1 110	110	Tionan	оозори				1				l	l			

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods		Evaluations	Safety		Investigation	Education	Development	Other
Simulated Trauma and Procedural Training	1			1														
in a Collaborative Human Cadaver Lab																		
Integrating Emergency Medicine and																		
General Surgery Residents: Effectiveness																		
and Outcomes	AEI2017	Original	yes	no	Joe	Esparaz	MD	University of Illinois, Peoria		X								
Simulating Azygos Vein Ligation -																		
Deliberate Practice is Invaluable	AEI2014	Original	no	no	Phillip	Rowse	MD	Mayo Clinic Rochester	X	X	X							
Simulation based teamwork training can																		
reduce barriers between surgery and																		
anesthesia - focus group interviews with		Poster																
experienced OR staff	AEI2018	Presentation	no	no	Cecilia	Escher	MD	CAMST					Χ					
Simulation Based Training in High																		
Risk/Low Frequency Situations: A Case									.,				.,					
Presentation	AEI2012	Descriptive	no	no	Benjamin	Radcliffe	MD	Riverside Methodist Hospital	X	Х	X	Χ	Χ	Х				
Simulation Drives Our General Surgery								l.,	.,									
Training Curriculum: A Work in Progress	AEI2008	NA	no	no	David	Farley	MD, FACS	Mayo Clinic Rochester	X									
O'mark at an amb an an																		
Simulation enhances surgery residents□					1.													
opinion on the importance of team working		Original	no	no	Jean	Breaud	MD, PhD	University of Nice		Х		Х	X					
Simulation for Operative Laparoscopic skill							MD MA DID											
Advancement of Residents (SOLAR): A	1510011	0					MD, MA, PhD,		V	V	V	V						
Global Study	AEI2011	Original Paper	no	no	Rajesh	Aggarwal	MRCS	Imperial College London	Х	Х	Х	Х						
Simulation For the Assessment of Ward-																		
based Surgical Care: Validation of the																		
Simulated Ward and a Novel Assessment	A E10040	Oniminal			DI-III-	D I	MD, MRCS	Immedial Callege Lander	X	Х	Х							
Tool	AEI2013	Originai	no	no	Philip	Pucher	MD, MRCS	Imperial College London	^	^	^							
Simulation Training Improves Surgical																		
Resident Comfort with Airway Managemen	t ΔΕΙ2017	Original	no	no	Kaitlin	Ritter	MD	Cleveland Clinic	Х									
Simulation versus Operating Room:	L ALIZOTI	Original	110	110	raium	Tatto	IVID	Olevelana Olimie										-
Examining Relations between Emotional																		
States, Learning Processes, and Technical																		
Skills Performance across Training		Work in																
Environments	AEI2015	Progress	yes	no	Melissa	Duffy	MA	McGill University		X	Х							
Simulation-augmented training program for		1 1 2 2 2 2 2	,	1														
Off-Pump Coronary Artery Bypass surgery:																		
Developing and validating performance																		
assessments	AEI2011	Original	no	yes	Sayra	Cristancho	PhD	University of Western Ontario	Χ		Х			Х				
Simulation-based distance education:		Ŭ			Í													
practice and challenges	AEI2010	Original	no	no	Valentyna	Koval		CESEI	X	X	X	X						
Simulation-based mock code curriculum																		
correlates with increased pediatric CPA																		
survival rates	AEI2010	Original	no	no	Pamela	Andreatta	EdD, MFA, MA	University of Michigan	X	X		X	Χ	X				
Simulation-based Multiple Mini-interviews		1																
vs. Traditional Interviews in the		1				ĺ		1										
Postgraduate Year 1 Cardiac Surgery																		
Residency Program Selection Process	AEI2017	Original	no	no	Marina	Ibrahim	MD	McGill University			X							
Simulation-based Training for Safety		1																
Incidents: Lessons from Analysis of		1				1												
Adverse Events in Robotic Surgical		Work in			1	1_		Rush University Medical										
Systems		Progress	yes	no	Jaishankar	Raman	MD	Center (University of Chicago)	X	Χ			Χ					
Simulation-based training improves applied	i																	
clinical placement of ultra-sound guided													.,					
PICCs	AEI2010	Original	no	no	Pamela	Andreatta	EdD, MFA, MA	University of Michigan		Х	X		Χ					
		1				1												
Simulator leads to clinical practice changes		L			L .	L		l										
for bimanual uterine compression to contro	I AEI2011	Descriptive	no	no	Pamela	Andreatta	PhD	University of Michigan		X		X						

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	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety		Investigation	Education	Development	Other
Skills Degradation of Seasoned General													-					
Surgeons Subjected to Gaps in Standard																		
Practice Patterns Due to Combat								Dwight D. Eisenhower Army										
Deployments	AEI2014	Original	yes	no	Yong	Choi	MD, FACS	Medical Center/Fort Gordon			Х		Χ	X				
Skills transfer between basic laparoscopic																		
and colonoscopic simulator training	AEI2012	Original	no	no	Lars	Enochsson	MD, PHD	Karolinska University Hospital		X	X	X		X				
Solid, cystic and tubular – A compact																		
gelatin-training model for teaching basic																		
skills in ultrasound-guided procedures to																		
	AEI2016	Original	no	no	Shrunti	Sevak	MD	Beaumont Health System			X	Χ						
Sticky Situations: Using foam stickers for																		
precision and tissue handling in									.,									
	AEI2011	Original	no	no	Pamela	Andreatta	PhD	University of Michigan	X	Х	X							
STOMP- Skills Training for Operational																		
Medicine Providers: Design and																		
Implementation of a Novel Comprehensive																		
Skills-Based Curriculum for U.S. Navy	A E10040	Out who at			T	D. II.	MD 5400	Name I May I Of Bridge I and I	x									
Interns	AEI2016	Original	no	no	Travis	Polk	MD, FACS	Naval Med Ctr Portsmouth	^									
Student Perceptions of a Simulation-Based			ĺ															
	AEI2015	Original	no	yes	Cara	Liebert	MD	Stanford University	x	Х		х	Х					
Surgery Clerkship Flipped Classicom	AEIZU13	Original	110	yes	Cara	Liebeit	IVID	Starilord Offiversity	^	^		^	^					
Successful Computerizing the ATLS® Post-																		
	AEI2017	Original	yes	no	Britany	Telford	BS	CAMLS	х		Х							
Successful Implementation and	ALIZUII	Original	yes	110	Dilitariy	Telloru	50	CAIVIEC										
Improvements Identified with in-situ		Work in																
	AEI2017		no	no	Robert	Doiron	MD	UC Davis					Х					
Surgery Tutor – An Open Source Platform																		
for Assessment of Technical Proficiency: A		Poster																
Validation Study in a Simulated Setting	AEI2018	Presentation	no	no	Caitlin	Yeo	MD	Queen's University			X							
Surgical care checklists to optimise patient																		
care following post-operative complications	AEI2014	Original	yes	no	Philip	Pucher	MD, MRCS	Imperial College London	X			Х		X				
		Work in						_	.,			.,						
	AEI2010	Progress	no	no	William	Hamman	MD, PhD	Beaumont Health System	Х	Х		Χ						
Surgical Interns in 2017: Objective																		
Assessment Suggests they are Better but	A =100.40	Out at a st Dominion			.,		MD	Marria Davida da			V	v						
	AEI2018	Original Paper	no	yes	Yazan	AlJamal	MD	Mayo Clinic Rochester			Х	Χ						
Surgical Skill Performance Prediction: Application of a Cognitive Model to			1	1				Air Force Research										
Laparoscopic Skill Retention Simulation								Laboratory/Wright-Patterson										
	AEI2014	Original	yes	no	Tiffany	Jastrzembski	PhD	AFB	х		X							
Surgical Skills Simulation Workshops	ALIZU 14	Original	yes	110	rillally	OGSUZCITIDSKI	טוז ו	AI D	^		_^							
Enhance the Effectiveness of Surgical			ĺ															
	AFI2015	Descriptive	no	no	James	Harmon	MD. PhD	University of Minnesota	х	Х								
Surgical Training: Design of a Virtual Care		_ 555pvo	110	110				Imperial College London/St.	^	^							+	
	AEI2013	Descriptive	yes	yes	Laura	Beyer-Berjot	MD	Mary's Hospital	Х	Х			Х	X				
Survey-Based Team Assessments: A		,	,	,,,,	†	-,,	İ	, ,	- *				- •	- •			 	
Critical Evaluation Of Behavioral			1	1														
	AEI2012	Original	no	no	Carla	Pugh	MD, PhD, FACS	Northwestern University		Χ	X							
Teaching Practicing Surgeons What Not to												İ						
Do: An Analysis of Instructor Coaching			1	1														
Fluidity During a Simulation Based CME		Poster	1	1				University of Wisconsin,										
	AEI2018	Presentation	yes	yes	Martha	Godfrey	MD	Madison		X								
Teaching Professionalism in Graduate			1															
Medical Education: What is the Role of		Work in	1	1					_			_						
Simulation?	AEI2015	Progress	yes	yes	Eisha	Wali	BS	Case Westerge 18	Χ	X	l	Х						

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Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Teaching Teamwork and Checklists																		
Through Live 'Simulations' in the OR with																		
Intact Care Teams Improves Buy-In	ΛΕΙ201 5	Descriptive	no	no	Jason	Zigmont	PhD	OhioHealth		Х	X	l x	Х					
intact Care Teams Improves Buy-in	AEIZ015	Descriptive	110	110	Jason	Zigilioni	FIID	Onionealth		^		^	^					
To a blood by Essential and Essential																		
Teaching the Essentials of Endocrine																		
Surgery via Low-Cost, Low-Fidelity										.,				.,				
Simulation – A Clever Use of Yarn and Felt	AEI2013	Original	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester	X	Х	X			X				
Teaching With Technology – What Do																		
Millennial Learners Need?	AEI2015	Original	no	np	Meredith	Cody Thomas	BA	Lahey Health System	X									
Team Based Simulation: Another Tool to								Lifebridge Health Sinal										
Teach Operating Room Fire Safety	AEI2017	Descriptive	yes	no	Vanita	Ahuja	MD, MPH, MBA	Hospital					X					
Team-based Simulations for New																		
Surgeons: Does Early and Often make a																		
Difference?□	AEI2017	Original	yes	ves	Kareem	AbdelFattah	MD	UT Southwestern	X									
Technical and non-technical skills	712.2011	- · · · · · · · · · · · · · · · · · · ·	,	,,,,					, ,									
influencing laparoscopic performance																		
among OBGYN residents	AEI2013	Original	no	no	Lars	Enochsson	MD. PhD	Karolinska University Hospital	X	Х	X			Х				
The American College of Surgeons /	AEIZUIS	Original	110	110	Lais	EHOCHSSOH	IVID, I IID	Raioliliska Oliversity Hospital	^		^							
Association of Program Directors in																		
Surgery National Skills Curriculum:																		
Adoption Rate, Challenges and Strategies																		
for Effective Implementation into Surgical							MD, MHPE,	Tulane University School of										
Residency Programs	AEI2012	Original	no	yes	James	Korndorffer, Jr.	FACS	Medicine			X	X						
The Anatomy of Bronchoscopy Simulation:																		
Enhancing Experiential Learning through		Work in						SiTEL's Clinical Simulation										
Embedded Research Algorithms (EMA)	AEI2012	Progress	no	no	Robert	Hafey	BS	Center of MedStar Health	X	Х	X	X	Χ					
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	A E 1201 E	Original	no	no	Antonio	Gangemi	MD	UIC	X	Х	Х	l x		Х				
based curriculum	AEIZ015	Original	no	TIO	Antonio	Garigeriii	IVID	OIC	^	^	^	^		^				
The Committee City of Committee	A =10000				01 -	D I	MD DUD EAGO	N			Х							
The Cognitive Side of Surgery	AEI2008	NA	no	no	Carla	Pugh	, ,	Northwestern University			^							
The Community as a Learner Group	AEI2013	Descriptive	no	no	Cathyann	Feher	RN, MSN	Lehigh Valley Health Network				X	Χ					
The Correlation of Salivary Cortisol and																		
Alpha Amylase in the execution of Realistic																		
Surgical Trauma Simulation and Medical								Rocky Vista University School										
Student Training	AEI2015	Original	yes	no	Anthony	LaPorta	MD, FACS	of Medicine	X	X	X	X						
The Creation of PGY Level Specific FLS																		
Proficiency Benchmarks Allows for																		
Longitudinal Tracking of Multiple General																		
Surgery Milestones Domains	AFI2015	Descriptive	no	no	Donn	Spight	MD, FACS	VirtuOHSU	X	X	X							
The Current Educational Value of Morbidity		B occupant			50	op.g.n.		7	,	7.								
& Mortality Conference		Original	no	no	Erica	Mitchell	MD, FACS	VirtuOHSU			X	X						
The Development and Implementation of a		Jinginiai	110	110		torion				 	 ^	 ^						
Pressurized Cadaver Simulation							1			1	I							
Curriculum	A E12017	Deceriptive	no	no	Michael	Minneti	DC.	USC	X		Х							
	AEIZU17	Descriptive	no	no	Michael	iviiriileu	BS	030	_ ^	 	 ^							
The Development and Implementation of a							1			1	I							
Simulation-based Curriculum to Teach	I					L			.,	.,		,						
Interns Invasive Skills	AEI2010	Original	no	no	Carmen	Sultana	MD, FACS	Thomas Jefferson University	X	X	X	X						
The Educational Value of the da Vinci	1		İ				1			Ì	İ							
Skills Simulator at a Regional Medical		Poster					1			1	I							
Center	AEI2018	Presentation	no	no	Robert	Heidel	PhD	University of Tennessee		1	X							
The Effects of a Retention Interval and																		
Refresher Session on Intracorporeal							1			1	I							
Suturing Skill and Mental Workload	AEI2016	Original	yes	ves	Rebecca	Britt	MD. FACS	EVMS			X	l x						
	,	1	, , , , ,	, ,,,,	,		,	Page 10			1							

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The Effects of the Addition of a Pediatric			1	1													1	
Surgery Fellow on the Operative																		
Experience of the General Surgery								Oklahoma University Health										
Resident	AEI2013	Descriptive	no	no	Alexander	Raines	МД	Sciences Center		X		X						
The Future of Surgical Training: National	712.20.0	2 cccpurc			, ii o , iai i a o i			ACS AEI Curriculum										
Needs Assessment of Stakeholders	AEI2013	Original	yes	ves	Sara	Kim	PhD	Committee Study Paper	X			X	Х					
The Impact of Stress Factors in Simulation			,	,,,,				Committee Stady : apor										
based Laparoscopic Training"	AEI2009	NA	no	ves	Pamela	Andreatta	EdD, MFA, MA	University of Michigan							Х			
The Implementation of a Body Donation	712.2000	1		,,,,		, in an outla	,,	January and management							,			
Program to Support Surgical Education at																		
an Accredited Education Institute	AEI2014	Descriptive	no	no	Jirina	Truneckova	BS	Lahey Health System										
The Implementation of Surgical Crisis																		
Checklists in Perioperative Team								UT Center for Advanced										
Simulation	AEI2014	Original	no	no	Paul	Huffstutter	MD. FACS	Medical Simulation/UTMCK		X			Χ	Х				
The innovative use of consensus	,	- · · · · · · · · · · · · · · · · · · ·					,						- '`	,				
methodology to develop a technical skills																		
evaluation tool.	AFI2010	Descriptive	no	no	Vanessa	Palter	MD	University of Toronto	Х		Х							
The MASTRI Center	AEI2008		no	no	Adrian	Park	MD	MASTRI				Х						
The Missing Link: Integrating the Patient	ALIZUUU	INA	110	110	Adrian	I aik	IVID	MASTRI										
Population with Surgical Education through																		
Web-based Training and In-situ																		
Simulation®	ΔEI2010	Research Idea	no	no	William	Hamman	MD, PhD	Beaumont Health System	Х	Х		Х	Х					
The Process and Content of Biostatistical	ALIZOTO	1 tooodi oi i idod	110	110	vviiiiaiii	riamman	WID, I IID	UT Center for Advanced	Λ.									
Consultation within Simulation	ΔEI2013	Descriptive	no	no	Robert	Heidel	PhD	Medical Simulation/UTMCK		X	X	Х						
The Rationale for Combining Surgical	/ (LIZO IO	D G G G I I I I I		110	robort	rioldor	15											
Simulation and Audiovisual Education:																		
More Repetitions, Less Cost, and Greater																		
Resident Engagement and Satisfaction	AEI2013	Original	no	ves	Yazan	AlJamal	МД	Mayo Clinic Rochester	Х	X	Х	Х						
The Relationship between Intra-operative	712010	o.i.g.i.a.		you	ruzun	riodina		inayo omno i toonooto.										
Teamwork and Quality of Patient Care	AFI2014	Descriptive	no	yes	Roy	Phitayakorn	MD, MEd	MGH			X	Х	Х	X				
The Relative Contribution of Mixed Training		D G G G I I I I I		,,,,		· ·······							- / (
in the Acquisition of Advanced	1																	
Laparoscopic Skills	AEI2013	Original	no	no	Costas	Loukas	PhD	University of Athens		X								
The Role of Posture Assessment Tools in	712.20.0				000140	Loundo												
Identifying Trainees' Postures during								University of Minnesota/Mayo										
Surgical Simulation	AEI2018	Original Paper	yes	no	Christopher	Curry		Clinic		Х	Х							
The Rule of '4s': A Theory-Driven Approach					'	-												
to Implementing Simulation into Surgical																		
Training	AEI2013	Original	yes	no	Sonal	Arora	MD, PhD	Imperial College London	Х	Х								
The Successful Integration of a Non-		Ĭ	<u> </u>				1	i ·										
Clinical Skills Curriculum into Surgery																		
Intern Boot Camp	AEI2018	Original Paper	no	no	Veronica	Zoghbi	MD	UPENN		Χ							1	
The Surgical Simulation Fellowship		<u> </u>				Ĭ											1	
Program: Developing International Surgical	1																	
Leaders in the Art and Sciences of								University of										
Simulation	AEI2011	Descriptive	no	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL	X	X		X						
The Tell-Tale Heart and Team Crisis																	i i	
Simulation in an In-Situ Operating Room	AEI2015	Original	no	no	Roy	Phitayakorn	MD, MEd, FACS	MGH	<u> </u>	Χ	X		<u></u>				<u> </u>	
The Theoretical Basis for Fabricating High																		
Fidelity Simulation Tools for Honing																		
Complex Surgical Skills	AEI2009	Original	yes	no	Carla	Pugh	MD, PhD, FACS	Northwestern University	<u> </u>		<u> </u>				X		<u> </u>	
The Translation of Simulation-Based																	İ	
Sharps Safety Education to Clinical	1	Work in			1	1		1									1	
Surgical Practices	AEI2017	Progress	no	no	Melinda	Klar	RN	UTCAMS	<u> </u>	Χ		X	Χ				<u> </u>	
The Use of a Virtual Reality Trauma																	İ	
Simulation to Teach Team Roles and	1	Innovative			1	1		Banner University Medical									1	
Communication	AEI2018	Techniques	yes	no	Amy	Sisley	MD	Center		X							1	
•				•				Page 20			•							

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			Multi-	Manuscript														
	Abstract	Type of	Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety		Investigation	Education	Development	Other
The Use of Simulation Hybrids in Skills																		
Teaching and Assessment	AEI2010	Descriptive	no	no	Katherine	Berg	MD	Thomas Jefferson University	X	X	X							
The Use of Virtual Humans in a Simulated		Innovative						University of Florida,										
OR for Surgical Education	AEI2018	Techniques	yes	no	Josue	Menard	MD	Jacksonville	X									
The Use of Virtual Reality Simulators in																		
Laparoscopic Colectomy Training	AEI2017	Original	no	no	Konstantinos	Mavrantonis	MD, PhD, FACS	Hygeia Hospital	X	X		Χ						
The Utility of Electronic Tablets in ATLS																		
Skills Evaluation	AEI2015	Descriptive	yes	no	Marie	Chotiner	BA	CAMLS			X	X						
Thinking it Through: Correlation of Mental																		
Rehearsal Attitudinal Gains with																		
Performance Parameters on Two Separate									V	V								
Laparoscopic Cholecystectomy Trainers	AEI2013	Original	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	Х	Х								
Through the Looking Glass: Comparison of																		
Self-, Peer-, and Observer-based																		
Assessment of Students during Inter- Professional Team Training	AEI2014	Original	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	X	Х	X	Х	Х					
Time Crunch: Increasing the Efficiency of	AE12014	Original	110	110	JOHN	raige	IVID, FACS	LSOFISC-New Offeatis	^	^	^	^						
Technical Surgical Skill Assessment via								Medical University of South										
Brief Video Clips	AEI2017	Original	ves	yes	John	Sawyer	BS	Carolina										
Tissue Morcellation: A Simulation	ALIZOTI	Poster	ycs	ycs	JOHN	Cawyor	50	Caronna										
Curriculum for Gynecology Residents	AEI2018	Presentation	yes	no	Stephanie	Delgado	MD	Boston Medical Center	X	X								
Toward "High Stakes" Certification in	7.2.20.0	1 1000111011011	,,,,		otop.iao	Doiguas	5	Design meanear Conter	,									
Central Line Placement: Construct																		
Validation of a Central Line Workshop																		
Performance Metrics	AEI2009	NA	no	no	Yue	Dong		Mayo Clinic Rochester							NA	NA	NA	
Toward the Development of an Observer-								,										
Based Tool for Assessing, Debriefing, and																		
Trending Higher-Order Skills During																		
Laparoscopic Surgery	AEI2011	Original	no	no	Charles	Shanley	MD, FACS	Beaumont Health System	X	X	X							
																		Surgeon-
Towards Surgeon-Authored VR Training:		Poster																Authored VR
the Authoring Interface	AEI2018	Presentation	yes	no	George	Sarosi	MD	University of Florida		Χ								Training
Trainee Impressions of Instructor Expertise									V		V	Х						
in Surgical Simulation and Education	AEI2016	Original	no	no	TK	Pandian	MD, MPH	Mayo Clinic Rochester	Х		Х	Χ						
Transfer Effectiveness for a Virtual Reality																		
Laparoscopic Appendectomy Curriculum	AEI2012	Original	yes	no	Amish	Acharya	BSc	Imperial College London	х	Χ		Х						
Transfer of skills between virtual	AEIZUIZ	Original	yes	110	AIIIISII	Acriarya	DOC	Imperial College London	^									
colonoscopy and laparoscopy	AEI2011	Original	ves	no	Lars	Enochsson	MD. PhD	Karolinska University Hospital		Χ		X						
Trauma Team Performance Training:	ALIZOTT	Original	you	no	Lais	LIIOOII330II	IND, I IID	Transmisia Shiverenty Floophan										
Development and Pilot of and															1	1		
Interprofessional Monthly Simulation on the		Work in																
Trauma Service	AEI2017	Progress	no	no	Tess	Aulet	MD	University of Vermont	Х									
Ultrasound guidance training enhancement		Poster						ĺ										
using Instrument tracking	AEI2018	Presentation	no	no	Nihar	Sheth		UIC		Χ								
Understanding Experiential Learning Styles																		
in Residency	AEI2013	Original	no	no	Jason	Zigmont	PhD	OhioHealth		Х	X					<u> </u>		
Unified Field Theory of Health Care															1			
Simulation	AEI2017	Descriptive	no	no	David	Hananel	BS	UW-CREST										
University of Minnesota PeriOperative																		
Resource for Training and Learning								University of										
(SimPORTAL)	AEI2008	NA	no	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL		Χ					ļ			
Update on the Progress to Establish																		
National and International Collaboration on																		
Curriculum Development - The ASSET and		D = = = == = = = = = = = = = = = = = =			Distant	0.1	MD FACO	Linius and the DE MARCH CO.				, I			1	1		
FRS Experience	AEI2012	Descriptive	no	no	Richard	Satava, Jr.	MD, FACS	University Page Ashington/ISIS	X			X			1	1		

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Categories of Research

Multi-Manuscript Abstract Type of Institutional Published in Curriculum Teaching Learner Program Patient Surgical In-First Name Evaluations Evaluations Safety Outcomes Investigation Education Development **Abstract Title** Year Abstract Study Surgery Last Name Credentials Institute Development Methods Other Urilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather Χ Χ conditions. AEI2013 Original MD Madigan Army Medical Cente Χ Χ Χ Robert Rush no no Use of a Colonoscopy Simulator to Improve the Learning Curve for General Surgery Residents AEI2009 NA El Youssef MBBS VirtuOHSU Χ no no Raphael Use of a Novel Thermal and Visual Facial Mapping System to Measure Stress in Surgeons May Provide a Valuable Metric in Surgical Skills Acquisition AEI2009 MITIE NA no Rohan Joseph no Use of decision based simulation to explore shared mental models in the Χ operating room AEI2011 Original no no Carla Puah MD, PhD Northwestern University Use of Error Analysis to Assess Resident AEI2014 MD University of Wisconsin Х Х Performance Original no yes Anne-Lise Maag Use of Innovative Approaches to Create a oster nnovative Specialty Specific Urology Skills Program AEI2018 Presentation yes Barbara ewis MS, RN University of Wisconsin Techniques Using 3-D Anatomy Models Facilitates Cross-sectional Radiological Anatomy Learning for Surgery Residents: a randomized controlled crossover trial Work in AEI2017 Progress MD Mayo Clinic Rochester Χ Χ Francisco Cardenas no Using a 24/7 Audiovisual System to Create a Dynamic Surgical Curriculum and Assess Work in Learners for Competency AEI2009 Progress no David Farley MD. FACS Mavo Clinic Rochester Х no Using a Many-Facet Rasch Measurement Approach for Validation of Central Venous Catheter Tool Used in Verification of Proficiency Examination AEI2012 Original PhD Northwestern University Х Χ Χ yes Deborah Rooney no Using Deliberate Practice to Train Higher-Х Х Order Skills in Laparoscopic Surgery PhD Х Х AEI2010 **Progress** Jeffrev Beaubien Beaumont Health System ves no Using Epistemic Network Analysis to Identify Targets for Educational Interventions in Trauma Team Χ Communication AEI2017 Original no Sarah Sullivan PhD University of Wisconsin Using Heart Rate Variability to Assess Acute Stress During Simulated Trauma Resuscitation AEI2016 Original MD, MPH Medstar/SiTEL no Shabnam Hafiz no Using Video Motion Analysis to Quantify AEI2013 Original MD Χ Technical Performance yes Glarner University of Wisconsin Χ Х yes Carly Utilization of Operating Room Simulation to Enhance Surgical Resident Participation in Х Χ Χ Χ the Surgical Timeout Checklists AEI2013 Original no no Edward Dominguez Riverside Surgical Associates Utilization of Simulation Based Training and Objective Structured Assessment of Technical Skills for Credentialing of Central Venous and Arterial Line Placement in the Work in Surgical Intensive Care Unit AEI2011 MD Beaumont Health System Х Χ Χ Progress no Noaman no Utilizing Brain Stimulation to Enhance Laparoscopic Technical Skills Training: A Innovative Randomized Controlled Trial AEI2018 MD, MHS **Duke University** Χ Techniques yes Morgan Cox Validation and A New Pump for the "Live MD, FACS, Cadaver" Exercise for Improving Trauma FRCS Team Training AEI2016 Original Richard UIC no no Pearl

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	Abstract		Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Validation of a Low-cost Ultrasound																		1
Compatible Suprapubic Catheter Insertion		Poster								.,								ı
Training Model	AEI2018	Presentation	no	no	Yuding	Wang	MD	McMaster University		Х								
Validation of a Novel Assessment Tool for Central Venous Catheterization	A E10044	Original			A	\	MD, FACS	University of Washington/ISIS	X	Х	Х	Х	Х					ı
Validity of Leak Pressure Testing for Bowel	AEI2011	Originai	no	no	Andrew	Wright	MD, FACS	University of Washington/1515	^	^	^	^						
Anastomosis Quality	AEI2009	NA	no	no	Aaron	Jensen	MD	University of Washington/ISIS							X			ı
Value-based Simulator Selection: The	ALIZOUS	10.1	110	110	Adion	OCHSCH	IVID	Chivelenty of Washington Field										
Creation and Evaluation of the Simulator																		ı
Value Index Tool	AEI2017	Original	yes	yes	Deborah	Rooney	PhD	University of Michigan										ı
Variations in Procedure Time Based on																		1
PGY Level of General Surgery Residents	AEI2012	Descriptive	yes	no	Jeremy	Johnson	MD	University of Oklahoma	X	X	X	X		Х				
																		ı
Video Analysis of Path Length in Basic Skills Training: A Way to Expand the Value																		i
and Use of Basic Skills BlackBox Training?		Original	ves	no	Lars	Enochsson	MD. PhD	Karolinska University Hospital			×	Х						i
Video Skills Curricula and Simulation: A	AEIZUIU	Original	yes	110	Lais	EHOCHSSOH	IVID, FIID	Ratolitiska Offiversity Hospital			^	^						
Synergistic Way to Teach Two-Layered																		ı
Handsewn Small Bowel Anastomosis	AEI2014	Original	no	no	Phillip	Rowse	MD	Mayo Clinic Rochester	Х	Х	X							i
Video Training Works for Professional	1	j . j			<u>'</u>													·
Sports, Might it be Effective in Training		Poster																i
Resident Eyes and Minds for the OR?	AEI2018	Presentation	no	no	Nicholas	Prabhakar	BA	Mayo Clinic Rochester			X							1
What Errors Do Surgical Residents								Indiana University School of										Needs
Commonly Commit?	AEI2018	Original Paper	yes	no	Tomoko	Mizota	MD	Medicine										Assessment
What would be the Role of Haptics if	A = 1004 =	Oni min m			Cuintinu	Lucione	PhD	UIC	X	Х	X			X				ı
Incorporated in Robotic Surgery? When Do Physicians Learn Invasive	AEI2015	Originai	no	no	Cristian	Luciano	PND	UIC	^	^				_ ^				
Clinical Skills?	AEI2010	Original	no	no	Katherine	Berg	MD	Thomas Jefferson University			X	Х						i
Who is the Ideal Partner for the	ALIZOTO	Original	110	110	Ratificinic	Doig	IVID	Themas concreen critically										
Interdisciplinary Training of Surgery							MD, PhD,											i
Residents?	AEI2014	Original	no	no	Dimitrios	Stefanidis	FACS, FASMBS	Carolinas Healthcare System	X	X	X	X	Χ					ı
Will eye tracking video feedback enhance		Poster																
simulator performance?	AEI2018	Presentation	yes	no	Markus	Castegren	MD, PhD	Karolinska University Hospital		X								<u></u>
Workshop Using Standardized Patients to																		i
Evaluate the Communication Skills of	4 E10000				0	1.11		M. Cill Heimerite								х		ı
Surgical Residents Worth a thousand words: Google Glass in	AEI2009	NA	no	no	Sender	Liberman		McGill University								^		
surgery	ΛΕΙ201 <i>4</i>	Descriptive	no	no	Gabriel	Wallace	MD	University of Washington/ISIS		Х			Х	Х				i
YouTube Video + Simulation = Master TEP	ALIZUIA	Work in	110	110	Gabrier	VVallace	IVID	Offiversity of Washington/1818										
Hernia Surgeon?	AEI2010	Progress	no	no	Benjamin	Zendejas		Mayo Clinic Rochester	Х	Х		Х						i
3-D Anatomy Models Facilitates Cross-		Ĭ			,	,												
sectional Radiological Learning for Surgery	,																	i
Residents: a randomized controlled		Poster																i
crossover trial	AEI2019	Presentation	yes	no	Francisco	Cardenas Lara	MD	Mayo Clinic Rochester		Х								
A Laboratory Model for	A E10046	Poster			D. fri i	M - 17	MD, FACS, FAAP	Linius maide and NAC and a significant	X									İ
Ureteroneocystotomy	AEI2019	Presentation	no	no	Patrick	McKenna	FAAP	University of Wisconsin	Х									
A prospective, Randomised, Controlled Trial assessing the rate of decay of virtual reality colonoscopy (psychomotor) skill	AEI2019	Poster Presentation	yes	no	Yash	Verma	MBBS/Bsc	Queen Elizabeth Hospital, Birmingham	×		x							Rate of decay of psychomotor skill (by extension surgical skill) using VR colonoscopy simulator.
A Review of Checklist Tools for the																		
Assessment of Central Venous Catheter Insertion: Are We Using Best Practices?	AEI2019	Poster Presentation	no	no	John	Nguyen-Lee	MD	Houston Meable மேல் Hospital			X		Х					1

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			8.0141															
			Multi-	Manuscript								_	-					
All advant Title	Abstract		Institutional	Published in		1 4 11	0	La adda da	Curriculum	Teaching	Learner	Program	Patient	Surgical		Ed	In-	041
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Analysis of General Surgery Intern																		
Performance on Simulation-Based		Poster																
Anatomy Examinations	AEI2019	Presentation	no	no	Abhishek	Chandra	B.A.	Mayo Clinic Rochester	X	X	X							
Attitude Adjustment? Impact of Simulation-																		
based, High-fidelity Inter-Professional																		
Team Training on Senior Medical Students'		Poster					PhDc, DNP,											Curriculum
Short-Term Teamwork Attitudes	AEI2019	Presentation	no	no	Laura	Bonanno	CRNA	LSU Health New Orleans				X						implementation
Automated Assessment of Surgical Knot	ALIZOIS	riccomation	110	110	Laura	Donamo	OT CITE O	ESS FISAILITIES STICKLES							+			Impromontation
_	AEI2019	Original Paper	no	no	Elizabeth	Huffman	MD	Indiana University			X							
Tying	AEI2019	Original Papel	TIO	110	Elizabetri	пиннан	IVID	indiana University			^				-			
Comparing reverse half-hitch alternating																		
post surgical knots and square knots for																		
closure of enterotomy in a simulated deep																		
body cavity: A Randomized Controlled								Queen's University, School of										
Trial.	AEI2019	Original Paper	yes	no	Edward	Sykes	PhD	Medicine		X								
Development and Evaluation of a Low-Cost																		
Laparoscopic Cholecystectomy Simulation		Poster																
Model	AEI2019	Presentation	no	no	Rafael	Azevedo	MD	Mayo Clinic Rochester	Х	X								
Development and Evaluation of a Low-Cost			110	110	raidoi	71207040		inaye emile recinecte.										
Sentinel Lymph Node Model for Axillary	·	Innovative																
Dissection and Biopsy	AEI2019	Techniques		200	Courtney	Dookstrom	DC.	Mayo Clinic Rochester		Х								
	AEI2019		no	no	Courtney	Backstrom	BS	Mayo Clinic Rochester		^					<u> </u>			
Development of a Breast Abscess		Innovative																
Management Curriculum	AEI2019	Techniques	no	no	Amanda	Phares	MD	University of California, Davis	X									
Development of a Laparoscopic Trocar																		
Placement Simulation Model: A Preliminary		Poster						University of Minnesota										Simulation
Evaluation	AEI2019	Presentation	no	no	Edward	Walczak	BS	Medical School	X									Model
Development of a Tendon Repair		Poster						University of Minnesota										
Simulation Model: A Preliminary Evaluation	AEI2019	Presentation	ves	no	Jillian	Schommer	BS	Medical School		Х								
Does Variability Among Surgical Skills			<u> </u>															
Diminish Throughout Residency Training?																		
Analysis of a 5-Task Surgical Simulation		Poster						NYP-Weill Cornell Medical										
Curriculum Starting Day 1.	AEI2019	Presentation	ves	ves	Jessica	Limbera	MD	Center	Х	Х	X							
Expansion of Surgical Simulation Through	AEIZU19	i resemation	yes	yes	Jessica	Lilliberg	IVID	Center	^	^	^							
the Development of Economic																		
Laparoscopic Simulators and Student-run									.,	.,								
Organizations	AEI2019	Original Paper	yes	no	Jordan	Baechle	BS	Meharry Medical College	X	Χ								
Experienced Surgeons Versus Novice																		
Residents: Validating a Novel Knot Tying		Poster																Validation of a
Simulator for Vessel Ligation	AEI2019	Presentation	yes	yes	Roi	Anteby	BS	Tel Aviv University										novel simulator
Feasibility of a Simulation-Based Elective																		
in Robotic and Minimally Invasive Surgery		Poster						The Ohio State University										
for Medical Students	AEI2019	Presentation	no	no	Sophia	Roberts	BS	Medical Center	X									
Grouped-based Video Feedback is as				1	<u> </u>													
Effective and More Efficient than																		
Personalized Video Feedback for																		
Enhancing Skills of Surgical Interns	AEI2019	Original Paper	no no	no	Yazan	AlJamal	MD	Mayo Clinic Rochester	Х		X							
How Well do Dynamic Models of	ALIZUIS	Original Laper	110	110	i azaii	AlJamai	IVID	Mayo Oliffic Rochester							+			
Teamwork in Surgical Simulations Reflect		Dootor						UCLA School of Medicine /										Curainal
those of Live Patient Encounters?	A E10040	Poster			Damala	Ctavana	DPD											Surgical
	AEI2019	Presentation	yes	no	Ronald	Stevens	PhD	The Learning C							 			Research
Implementation of the Structured Training		L .																
for Endovascular Techniques (STENT)		Poster																
Curriculum	AEI2019	Presentation	no	no	Morgan	Cox	MD, MHS	Duke University	X									
																		Using
		1																simulation for
International Collaboration through		Poster																international
Simulation in the Health Sciences	AEI2019	Presentation	yes	no	Erik	Norbie	BA	University of Minnesota										collaboration
	,		1 1												1		1	·

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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)

Categories of Research

Multi-Manuscript Abstract Type of Institutional Published in Curriculum Teaching Learner Program Patient Surgical In-First Name Outcomes Investigation Education Development **Abstract Title** Year **Abstract** Study Surgery Last Name Credentials Institute Development Methods Evaluations Evaluations Safety Other Introducing Tattoos to Advanced Trauma Life Support (ATLS): A Process CENTER FOR ADVANCED Poster Improvement Initiative AEI2019 Presentation MD, FACS MEDICAL LEARNING AND Χ no no Llerena Knot-tying Struggles for Surgical Interns: Bare Hands vs. Gloves vs. Gloves with Butter AEI2019 Original Paper MBBS Mayo Clinic Rochester Х Х Χ Nizamuddin Shaikh no no Laparoscopic Port Placement Concepts: Х It's All About Fundamentals AEI2019 Presentation Nimesh Naik MD Mavo Clinic Rochester ves no Medical Student Perception and Confidence in Informed Consent, A Core Original Paper Х AEI2019 MD Stanford University Tiffany Anderson no ves VA Pittsburgh Healthcare Poster Multiuse low-cost hematemesis manneguin AEI2019 Presentation Lara-Gutierrez MD Svstem nnovation. no no Jorae Proficiency Based Training Program For Performing Complex Gastrointestinal Surgery - How And Why To Learn The Robotic-Assisted Laparascopic Gatric Naval Medical Center San Bypass In The Military Х MD, MBA AEI2019 Original Paper no Gordon Wisbach Diego Reconstruction of Marginal Mandibular Defects Utilizing Bone Marrow Aspirate Concentrate from the Anterior Iliac Crest: A Poster Thomas Jefferson University Less Morbid Osteogenic Option AEI2019 Presentation Shachika Khanna BDS, DMD Hospital no no Residency preparatory courses effectively prepare graduating medical students for Poster surgical internship AEI2019 Presentation Martin Indiana University Χ no John no Resident Opinions of the Value and Optimal Content of a Technical Skills Poster Curriculum using Simulation AEI2019 Presentation DO Cleveland Clinic Χ no no Robert Naples Simulation Training for Endoscopic Management of Upper Gastrointestinal Bleeding: A Nationwide Survey of Rural Houston Methodist Hospital & Surgeons' Needs and Preferences Analysis AEI2019 MD Х Original Paper University of Utah yes no Shawn Surgical skills Surgical Games: A Simulation-Based assessment Structured Assessment of Orthopaedic and simulator Surgery Resident Technical Skill AEI2019 Original Paper MD Hospital for Special Surgery Χ Χ no Jason Blevins training Low cost Teaching Burn Management Using a Low Innovative simulator Cost Escharotomy Trainer Χ AEI2019 Techniques MD OhioHealth Learning development no Asit Misra no The Effects of Team Training Utilizing Patient Simulation and Mindfulness on Colleague satisfaction and Engagement and Patient Satisfaction in the Innovative EdD(c), MSN, Lahey Hospital & Medical colleague Healthcare Setting AEI2019 Techniques Bourgeois engagement no Darlene no The Use of Virtual Humans to Assess Surgeon Communication Skills in a University of Florida -Simulated Laparotomy. AEI2019 Original Paper MD Jacksonville Χ no David Lind no Training Multidisciplinary Teams in Nontechnical Skills and OR Safety Using University of Rochester Poster Χ Χ Simulation Based Training AEI2019 Presentation Katherine Jackson MD Medical Center Χ no no Use of a Low Cost Task Trainer for Emergency Department Thoracotomy Training in a General Surgery Residency Innovative Simulator AEI2019 MD Х Χ Techniques Asit OhioHealth Learning Development Program. no Misra Use of Mock Oral Boards as an Assessment Tool in Simulation Based Burn Poster MD Management Training. AEI2019 Presentation OhioHealth Learning no no Asit Misra

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

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			Multi-	Manuscript														
	Abstract	Type of	Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			ln-	
Abstract Title	Year	Abstract	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Use of Sensors to Quantify Procedural Idle																		
Time: Validity Evidence for a New Mastery																		
Metric	AEI2019	Original Paper	yes	yes	Kenneth	Perrone	MD	Stanford University			X							
Using a Simulation Based Curriculum to																		
Teach General Surgeons Obstetric &		Poster						Naval Medical Center										
Gynecological Skills	AEI2019	Presentation	no	no	Donald	Delorey	PHD	Portsmouth	X									
Using Causal Models in Psychomotor								University of Minnesota										
Performance Assessment	AEI2019	Original Paper	no	no	Alex	Otto	BA	Medical School	X	X	X							
Validation of a Novel Needle Holder to																		
Train Advanced Laparoscopy Skills to		Poster						Karolinska University Hospital										
Novices in a Simulator Environment.	AEI2019	Presentation	yes	no	Ninos	Oussi	MD	Sweden						X				
What should we teach in a general surgery																		
simulation curriculum? A faculty and		Poster					MBBS, MSc,											
resident needs assessment	AEI2019	Presentation	yes	no	Karen	Dickinson	MD, FRCS	MITIE	X									