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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)

									Research									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods		Evaluations	Safety		Investigation	Education	Development	Other
ACS AEI Curriculum Committee		The Future of Surgical Training: National	1			1		1										
Study Paper	AEI2013	Needs Assessment of Stakeholders	Original	yes	ves	Sara	Kim	PhD	Х			Х	Х					
ACS AEI Faculty Development		Faculty Development Practices at ACS		-														
Committee Study Paper	AEI2015		Research Idea	no	no	Jeffrey	Cooper	PhD	Х	Х								
		Surgical Skill Performance Prediction:																
		Application of a Cognitive Model to																
Air Force Research Laboratory/Wright-Patterson AFB	4510044	Laparoscopic Skill Retention Simulation	Original			Tiffany	Jastrzembski	PhD	х		х							
Laboratory/Wright-Fatterson AFB	AEIZU14	ACS Fundamentals of Surgery	Original	yes	no	тпапу	Jasuzembski	FIID	^		^							
		Curriculum®: Using Cognitive Simulation																
		to Develop Critical Thinking Skills in	Poster															
American College of Surgeons	AEI2018	Residents	Presentation	no	no	James	Hebert	MD, FACS	Х	Х								
		An interactive multicenter multi-national																-
Anne Arundel	AEI2016		Original	yes	no	Ivan	George				Х	Х						
		First Year of Virtual Grand Rounds: A																
		Report from the Technologies and	a · · ·															
Anne Arundel	AEI2017	Simulation	Original	yes	no	Ivan	George				-	-			-			
		"Live Cadaver" A realistic training model																
		for practicing neurovascular procedures																
Arkansas Neuroscience Institute	AEI2016	& Enhancing surgical skills	Descriptive	no	no	Emad	Aboud	MD										
		Development of an evidence-based virtual	l															
Assistance Publique des Hopitaux		reality training curriculum for laparoscopic																
de Marseille	AEI2015		Original	yes	no	Patrice	Crochet	MD	Х		Х			Х				
Assistance Dublique des Hâniteur		Current Use of Surgical Simulators in																
Assistance Publique des Hôpitaux de Marseille	AEI2014	Gynecology Across French Academic Schools : a National Survey	Original	Voc	20	Patrice	Crochet	MD		х								
	AEI2014	The Use of a Virtual Reality Trauma	Original	yes	no	Faulce	Ciochet	MD		^								
		Simulation to Teach Team Roles and	Innovative															
Banner University Medical Center	AEI2018		Techniques	yes	no	Amy	Sisley	MD		Х								
		Facilitating Accurate Team Self-		,														
		Assessments: Can Simulation Play a																
Baylor College of Medicine	AEI2018		Original Paper	yes	no	Aimee	Gardner	PhD		Х	Х						•	Teamwork
		Macrosystem Simulations in a New																
Baystate Health	AEI2017	Hospital Facility	Original	no	no	Gladys	Fernandez	MD										
		Development of high-fidelity simulated																
Baystate Medical Center	AEI2009	human tissue for surgical residency training	NA	no	no	Gladys	Fernandez	MD							x			
Daystate Medical Center	AEI2009	Roles of Simulation in Ebola	Work in	110	no	Glauys	remandez	MD			-				^			
Baystate Simulation Center	AEI2015		Progress	no	no	Gladys	Fernandez	MD		Х		х	Х					
			Ŭ			- ,												
		Assembling the Puzzle that is Surgical																ļ
		Education: A Look at a Proficiency-Based																
Beaumont Health System	AEI2010	Knot-Tying and Suturing Curriculum	Research Idea	no	no	S	Nagar	MD	Х	Х	Х							
D			Work in						v	v		v						
Beaumont Health System	AEI2010	Surgical In-situ Simulations The Missing Link: Integrating the Patient	Progress	no	no	William	Hamman	MD, PhD	Х	Х		Х						
		Population with Surgical Education																
		through Web-based Training and In-situ																ļ
Beaumont Health System	AEI2010	Simulation®	Research Idea	no	no	William	Hamman	MD, PhD	х	Х		х	х					ļ
,		-						,			1				1		1	
		Using Deliberate Practice to Train Higher-	Work in															ļ
Beaumont Health System	AEI2010	Order Skills in Laparoscopic Surgery	Progress	yes	no	Jeffrey	Beaubien	PhD	Х	Х	Х		Х	Х				
		Data-Driven Optimization of Surgeon																
		Skills for Enhanced Training, Simulation,	Work in							v								ļ
Beaumont Health System	AEI2011	and Assessment	Progress	yes	no	Noaman	Ali	MD		Х								

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	Abstract		Type of						Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Toward the Development of an Observer-																
		Based Tool for Assessing, Debriefing, and	1															
De sum ant la site Custam	AEI2011	Trending Higher-Order Skills During Laparoscopic Surgery	Original			Charles	Charley	MD. FACS	х	х	х							
Beaumont Health System	AEIZUTT	Utilization of Simulation Based Training	Original	no	no	Charles	Shanley	MD, FACS	^	^	^							
		and Objective Structured Assessment of																
		Technical Skills for Credentialing of																
		Central Venous and Arterial Line																
		Placement in the Surgical Intensive Care	Work in															
Beaumont Health System	AEI2011	Unit	Progress	no	no	Noaman	Ali	MD	Х	Х	Х		Х					
		Barriers to the Adoption of the ACS/APDS																
Beaumont Health System	AEI2012	Skills Curriculum	Original	no	yes	Patricia	Pentiak	MD	Х	Х								
		A Novel Educational Module for Subclavian Venous Catheter Placement																
Beaumont Health System	AEI2014	Using Ultrasound Guidance	Original	no	no	Andrew	Bavci	MD	x	х			х	х				
Beaumont Health System	AEIZU14		Onginal	no	no	Andrew	Баусі	IVID	~	~			~	~				
		A novel educational module for placement	t				1											
		of continuous intercostal nerve blockade																
Beaumont Health System	AEI2016	for traumatic rib fractures	Original	no	no	Shrunti	Sevak	MD			Х	Х						
		Gelatin paravertebral spine model – A																
		practical design for training general																
		surgery resident's basic skills in																
	4510040	placement of a continuous infusion				01	0				v	х						
Beaumont Health System	AEI2016	Solid, cystic and tubular – A compact	Original	no	no	Shrunti	Sevak	MD			Х	~						
		gelatin-training model for teaching basic																
		skills in ultrasound-guided procedures to																
Beaumont Health System	AEI2016	general surgery residents	Original	no	no	Shrunti	Sevak	MD			Х	Х						
		Tissue Morcellation: A Simulation	Poster															-
Boston Medical Center	AEI2018	Curriculum for Gynecology Residents	Presentation	yes	no	Stephanie	Delgado	MD	Х	Х								
		The Utility of Electronic Tablets in ATLS																
CAMLS	AEI2015	Skills Evaluation	Descriptive	yes	no	Marie	Chotiner	BA			Х	Х						
		Successful Computerizing the ATLS® Post-Test: Outcome of an AEI Multisite																
CAMLS	AEI2017	Study	Original	ves	no	Britany	Telford	BS	х		х							
o, meo		Simulation based teamwork training can	original	ycs	110	Dintariy	TCHOIG	50	Λ		X							
		reduce barriers between surgery and																
		anesthesia - focus group interviews with	Poster															
CAMST	AEI2018	experienced OR staff	Presentation	no	no	Cecilia	Escher	MD					Х					
		Increased Stress Levels May Explain the																
	AEI2009	Incomplete Transfer of Simulator-				District	Stefanidis	MD, PhD, FACS							х			
Carolinas Healthcare System	AEIZUU9	Acquired Skill to the Operating Room Lessons Learned from 10-year	NA	no	yes	Dimitrios	Steranidis	FACS							^			
		Experience with Postgraduate Courses for	r					MD. PhD.										
Carolinas Healthcare System	AEI2009	Surgeons	NA	no	no	Dimitrios	Stefanidis	FACS								х		
		Deficiencies of the Surgical Curriculum						-										
Carolinas Healthcare System	AEI2010	Exposed	Original	no	no	Paul	Montero	MD	Х	Х	Х	Х						
		Proving the Value of Secondary Task																
		Metrics for Performance Assessment on						MD, PhD,										
Carolinas Healthcare System	AEI2010	Surgical Simulators	Original	yes	no	Dimitrios	Stefanidis	FACS			Х			ļ				
		Assessing the Value of the State Trait Anxiety Inventory for the Assessment of				1									1			
		Intraoperative Stress Associated with Skill				1									1			
Carolinas Healthcare System	AEI2011	Transfer	Original	no	no	Dimitrios	Stefanidis	MD. PhD	х	х					1			
		Cadavers versus Pigs: Which are Better									1							
		for Procedural Training of Surgery					1	MD, PhD,										
Carolinas Healthcare System	AEI2012	Residents Outside the OR?	Original	no	yes	Dimitrios	Stefanidis	FACS	Х	Х	Х							

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									Categories of Research									
				Multi-	Manuscript				Recoulding									
	Abstract		Type of	Institutional	Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Who is the Ideal Partner for the						MD, PhD,										
		Interdisciplinary Training of Surgery	a · · ·			D	o	FACS,	N N	Ň	N/	N N	v					
Carolinas Healthcare System	AEI2014	Residents?	Original	no	no	Dimitrios	Stefanidis	FASMBS	Х	Х	Х	Х	Х					
		A Novel Mental Skills Curriculum Minimizes Deterioration of Simulator-																
		acquired Skill During Transfer to the						MD, PhD, FACS,										
Carolinas Healthcare System	AEI2015	Operating Room	Original	no	no	Dimitrios	Stefanidis	FASMBS	х	х	Х							
ouronnuo riouniouro oyotoni	ALIZOIO	oporating room	original	110	110	Diminio	otolamaio	MD. PhD.	X	~	Λ							
		Developing a Coaching Mechanism for						FACS,										
Carolinas Healthcare System	AEI2015	Practicing Surgeons	Original	no	ves	Dimitrios	Stefanidis	FASMBS	Х	Х	Х		Х	х				
		Mental Practice Enhances Retention of	Ň					MD, PhD,										
		Simulator-Acquired Surgical Skill: Results						FACS,										
Carolinas Healthcare System	AEI2016	of a Randomized Controlled Trial	Original	no	no	Dimitrios	Stefanidis	FASMBS										
		Teaching Professionalism in Graduate																
		Medical Education: What is the Role of	Work in															
Case Western	AEI2015		Progress	yes	yes	Eisha	Wali	BS	Х	Х		Х						
		Loss of skill retention of Intra-osseous																
Cedars Sinai	AEI2016	catheter placement among residents over time				Davi	Churren	MD	х		х	х						
	AEIZUTO	Introducing Tattoos to Advanced Trauma	Original	no	no	Rex	Chung	IVID	^		^	^						
CENTER FOR ADVANCED		Life Support (ATLS): A Process	Poster															
MEDICAL LEARNING AND	AEI2019	Improvement Initiative	Presentation	no	no	Luis	Llerena	MD. FACS				х						
	71212010	A Six-part Program for Teamwork	Work in	110	110	Laio	Liorona										1	
Center for Medical Simulation	AEI2009	Improvement in Surgery	Progress	yes	no	Jeffrey	Cooper	PhD								Х		
		Investigating of Surgeon's Vigilance on	, in the second se															
		Patient's Condition Using Eye-Tracking																
CESEI	AEI2010	Techniques	Original	yes	no	Bin	Zheng	PhD			Х		Х	Х				
		Quantifying Surgeon's Contribution to																
		Team Effectiveness on a Mixed Team																
CESEI	AEI2010	with a Junior Surgeon	Original	yes	yes	Bin	Zheng	PhD	Х		Х			Х				
	AEI2010	Simulation-based distance education:	Onininal) (al anti-	Kaual		х	х	х	х						
CESEI	AEI2010	practice and challenges Enlarging the Scope of ACS Accredited	Original	no	no	Valentyna	Koval		^	^	^	^						
		Education Institutes for Learners in																
CESEI	AEI2011	Different Disciplines	Descriptive	no	no	Bin	Zheng	MD, PhD	х	х								
02021		Mastering Instruments at Hands before	Decemptive	110	110	Dill	Zhong	100,110	Λ	~								
		Operating on Patient - Role of Simulation																
CESEI	AEI2011	in Training of Tool Use Skills	Original	no	no	Bin	Zheng	MD, PhD						Х				
		CORNERSTONE: Implementing					Ŭ											
		Universal Patient Safety Checklist																
		Discipline During the First Year of Medical																
Cleveland Clinic	AEI2015		Original	yes	no	Matthew	Moorman	MD, FACS	Х	Х		Х	Х					
		Simulation Training Improves Surgical																
		Resident Comfort with Airway	a · · ·				D		v									
Cleveland Clinic	AEI2017	Management Resident Opinions of the Value and	Original	no	no	Kaitlin	Ritter	MD	Х		 			ł			<u> </u>	
		Optimal Content of a Technical Skills	Poster															
Cleveland Clinic	AEI2019	Curriculum using Simulation	Presentation	no	no	Robert	Naples	DO	х									
	7612019	A Stepwise Approach for Simulation-	riesentation	TIU	110	TODEIL	1 vapies	00	^		1	1			1		+ +	
College of Medicine, King Saud		based Curriculum Development for						MD, PhD,										
University	AEI2015	Clinical Skills	Original	no	no	Nehal	Khamis	MEd	х	Х	х	х			1			
		Acquisition of New Skills By Novices:	Ĭ			İ	-			1				1				
		Effect of Three Different Instructional																
Conemaugh Memorial Hospital	AEI2012	Methods	Original	no	no	James	Gregory	MD	Х	Х	Х							
		Differences Between Resident																
		Specialties, Education & Faculty: Results				1.												
Conemaugh Memorial Hospital	AEI2012	of an All GME Resident Boot Camp	Original	no	no	James	Gregory	MD age 3	Х	Х	Х		Х	Х				

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Institute	Abstract Year	ster Presentation (2018-Current) Abstract Title	Type of Abstract	Multi- Institutional Study	Manuscript Published in Surgery	First Name	Last Name	Credentials	Categories of Research Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In- Development	Other
		Improving cross specialty recognition of			<u> </u>				· ·				<u>,</u>		<u> </u>			
		atypical skin lesions through experiential	0.1						N N	V			v					
Conemaugh Memorial Hospital	AEI2017	learning Direct Anterior Approach THA Course	Other	no	no	Jeffrey	Garon	MD, BA	Х	Х			Х					
		Curriculum: An Interprofessional and	Work in					DPM.										
CSTAR	AEI2016	Experiential Learning Model	Progress	no	no	Lara	Murphy	BSc(Hons)	х									
		Self/Peer Resident Assessment of the	1.109.000		110	2414	maiping	200(110110)										
		Basics of Open Laparotomy Training																
Drexel University	AEI2016		Original	no	no	Jessica	Fazendin	MD			Х	Х						
		Instituting a Surgical Skills Competition																
Duko University	4510047	Increases Technical Performance of	Original			Llavald	1	MA. BS	x									
Duke University	AEI2017	Surgical Clerkship Students Over Time Utilizing Brain Stimulation to Enhance	Original	no	no	Harold	Leraas	MA, BS	~									
			Innovative															
Duke University	AEI2018	Randomized Controlled Trial	Techniques	ves	no	Morgan	Cox	MD. MHS		Х								
	1	Implementation of the Structured Training		,		U		,					1	1				
		for Endovascular Techniques (STENT)	Poster															
Duke University	AEI2019	Curriculum	Presentation	no	no	Morgan	Cox	MD, MHS	Х									
		Collaboration: Key to the Evolution of						E 10		N N								
Duke University Medical Center	AEI2008	Surgical Education Augmenting Technical Skills Training	NA	no	no	Marnelle	Alexis	EdD		Х								
		Through Applications of Video, Neuro-																
Duke University Medical Center	AEI2011	feedback and Guided Imagery Training	Original	no	no	Ranian	Sudan	MD		Х								
		Skills Degradation of Seasoned General	2g		110	ranjan	oudun											
		Surgeons Subjected to Gaps in Standard																
Dwight D. Eisenhower Army		Practice Patterns Due to Combat																
Medical Center/Fort Gordon	AEI2014	Deployments	Original	yes	no	Yong	Choi	MD, FACS			Х		Х	Х				
		Assessment of subjects without																
		Assessment of subjects without experience in minimal access surgery																
EndoCAS	AEI2014	performing a suture task at da Vinci robot	Original	no	no	Andrea	Moglia	PhD	х	Х	х							
		Does previous exposure to videogames	5 g															
		and/or practice with musical instruments																
		influence performance on a virtual																
EndoCAS	AEI2016	simulator for robot-assisted surgery?	Original	no	no	Andrea	Moglia	PhD										
		Proficiency gain curve and skills retention at a virtual simulator for robot-assisted																
EndoCAS	AEI2017	surgery: a blind study	Original	no	no	Andrea	Moglia	PhD										
LINUCAS		Anatomy-focused videos to supplement	Original	no	110	Andrea	Moglia											
EVMS	AEI2011	surgical curriculum	Descriptive	no	no	Anjali	Arora	MD	Х	Х	Х		Х	х				
		Resident Perception of Barriers to																
EVMS	AEI2013	Adequate Patient Handoff	Original	no	no	Rebecca	Britt	MD	Х	Х								
		Intracorporeal Suturing: Transfer from																
EVMS	AEI2014	FLS to Cadavers Results in Substantial Increase in Mental Workload	Original	1/22	1/00	Robocco	Dritt	MD, FACS	х	x	х							
	AE12014	The Effects of a Retention Interval and	Original	yes	yes	Rebecca	Britt	IVID, FACS	^	^	<u> </u>							
		Refresher Session on Intracorporeal					1								1			
EVMS	AEI2016	Suturing Skill and Mental Workload	Original	yes	yes	Rebecca	Britt	MD, FACS			х	х			1			
		Dedicated Two Week Proficiency-based	Ĭ			1	1			İ		1	İ					
		Simulation Curriculum for Surgical	Work in				1								1			
Grainger (NorthShore University)	AEI2015	Residents	Progress	no	no	Ryota	Tanaka	MD, PhD	Х	Х	Х		ļ	Х				
		New Longitudinal Procedure-Specific																
Grainger (NorthShore University)	AEI2015	Curriculum for Minimally Invasive Surgery Skills Training and Retention	Original	P 0	no	Alexandre	Derevianko	MD. MA	x	x	х							
Graniger (NormShore University)	AEIZU13	Operation room fire simulation study	Unginal	no	10	Alexaliule		IVID, IVIA	^	^	^	1	<u> </u>		+			
		effectively prepares operating room staff																
Grainger/NorthShore	AEI2016	for fire	Original	no	no	Tomokazu	Kishiki	MD, PhD						1				

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Institute	Abstract Year	Abstract Title	Type of Abstract	Institutional Study	Published	First Name	Last Namo	Credentials	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical	Invoctigation	Education	Development	Other
	Teal	Mentorless Training Program Results in	Abstract	Study	in Surgery	T II St Name	Last Name	Credentials	Development	Methous		Lvaluations	Salety	Outcomes	Investigation	Luucation	Development	Other
		Significant Improvement in Students'																1
Grainger/Northshore	AEI2017	Surgical Skills	Research Idea	no	no	Michelle	Leong	BS		Х								1
		Advanced Trauma Operative																
		Management Course: An Exemplar of																1
		Simulation Education Scenario						MD, MPH,										1
Hartford Hospital	AEI2009	Development	NA	no	no	Lenworth	Jacobs, Jr.	FACS								Х		<u> </u>
		Surgical Games: A Simulation-Based																Surgical skills assessment
		Structured Assessment of Orthopaedic																and simulator
Hospital for Special Surgery	AEI2019		Original Paper	no	no	Jason	Blevins	MD	x		x							training
	712010	I Have to Learn Laparoscopic Latero-	onginari apor	110	110	oucon	Biovino				~						-	<u></u>
		Lateral Small Bowel Anastomosis: How																ł
Hospital virtual Valdecilla	AEI2015	Long Will it Take?	Original	no	no	Carlos	Manuel-Palazuel	MD, PhD		Х	Х			Х				1
		A Review of Checklist Tools for the																1
		Assessment of Central Venous Catheter	Poster															1
Houston Methodist Hospital	AEI2019	Insertion: Are We Using Best Practices?	Presentation	no	no	John	Nguyen-Lee	MD			X		Х					
		Simulation Training for Endoscopic Management of Upper Gastrointestinal																ł
		Bleeding: A Nationwide Survey of Rural																ł
Houston Methodist Hospital &		Surgeons' Needs and Preferences																ł
University of Utah	AEI2019	Analysis	Original Paper	ves	no	Shawn	Purnell	MD		Х								ł
		The Use of Virtual Reality Simulators in		,				MD, PhD,										i
Hygeia Hospital	AEI2017	Laparoscopic Colectomy Training	Original	no	no	Konstantinos	Mavrantonis	FACS	Х	Х		Х						1
		A Multi-Disciplinary Approach to						MD, PhD,										1
Imperial College London	AEI2008	Innovation in Surgical Education	NA	no	no	Rajesh	Aggarwal	MA, FRCS				Х						
Imperial College London	AEI2008	Imperial College Competency Assessment Tool (ICCAT)	NA	no		Delech	A	MD, PhD, MA, FRCS				х						ł
1 0	AEI2008 AEI2010	Laparoscopic training in the UK	Original	no	no	Rajesh Daniel	Aggarwal Brown	IVIA, FRCS		Х		<u> </u>						
Imperial College London	AEIZUTU	Can virtual reality simulation be used for	Original	no	no	Daniel	Brown	MB, BS, BSc,		^		^						
Imperial College London	AEI2011	advanced bariatric surgical training?	Original	no	ves	Trystan	Lewis	MRCS		Х	х			Х				1
	712011	Patient-Specific Simulated Rehearsal for	original	110		nyotan	Louio			~	~~~~			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				í
Imperial College London	AEI2011	the Carotid Artery Stenting Procedure	Original	yes	no	Willem	Willaert	MD		Х		Х	Х	Х				1
		Prediction of Future Performance in																1
		Minimally Invasive Surgery – A Tool for						MD, PhD,										1
Imperial College London	AEI2011	Surgical Selection	Original	no	no	Rajesh	Aggarwal	MA, FRCS		Х	X							ł
		Simulation for Operative Laparoscopic						MD, MA,										1
Imperial College London	AEI2011	skill Advancement of Residents (SOLAR): A Global Study	Original Paper	no	no	Rajesh	Aggarwal	MD, MA, PhD, MRCS	x	х	х	Х						1
Impenal College London	AEIZUTT	A Global Study	Oliginal i apei	110	110	Rajesii	Ayyarwar	THD, MIXCO	~	~	~	~						·
		Transfer Effectiveness for a Virtual Reality	v															ł
Imperial College London	AEI2012	Laparoscopic Appendectomy Curriculum	Original	yes	no	Amish	Acharya	BSc	Х	Х		Х						ł
		A Comparison of Surgical Training Quality						MBBS, MA,										1
Imperial College London	AEI2013	Between the UK and the USA	Original	yes	no	Pritam	Singh	MRCS		Х		Х						
	1 = 100 40	International Consensus on Defining and				.	o:	MBBS, MA,				V	v					ł
Imperial College London	AEI2013	Measuring Quality in Surgical Training Simulation For the Assessment of Ward-	Original	yes	no	Pritam	Singh	MRCS				Х	Х					·
		based Surgical Care: Validation of the	1															I
		Simulated Ward and a Novel Assessment	t															I
Imperial College London	AEI2013		Original	no	no	Philip	Pucher	MD, MRCS	Х	Х	х							I
		The Rule of '4s': A Theory-Driven	Ť			1	1								1			. <u></u>
		Approach to Implementing Simulation into																1
Imperial College London	AEI2013	Surgical Training	Original	yes	no	Sonal	Arora	MD, PhD	Х	Х					ļ			
		A Devidenciated Constralled Chude to																1
		A Randomized Controlled Study to Evaluate the Role of Video-Based						MB, BS, MA,										1
Imperial College London	AEI2014	Coaching in Training Laparoscopic Skills	Original	yes	no	Pritam	Singh	MRCS	x	х	x	Х	х					I
inpenal College London	AEIZU14	Coaching in training Laparoscopic Skills	Unginal	yes	ΠŪ	n mann	ongn		Λ	~	~	~						

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

									Categories of									
				Multi-	Manuscript				Research									
	Abstract		Type of	Institutional					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Design of a Virtual Reality Training																
		Curriculum for Laparoscopic Colorectal																
Imperial College London	AEI2014		Original	yes	no	Laura	Beyer-Berjot	MD	Х	Х	X			Х				
		Escalation of Care in Surgery: a Systematic, Pro-active Risk Assessment																
Imperial College London	AEI2014	of Clinical Supervision	Original	no	no	Maximilian	Johnston	MB, BCh			x							
Impenal College London	ALIZOIT	Evaluation of the Effectiveness of Self-	Original	110	110	Maximilan	Conniston	MB, DOIT			~							
		Directed Learning Using a Take-Home						BSc(Hon),										
		Laparoscopic Simulator to Supplement						MB, BCh,										
Imperial College London	AEI2014		Original	yes	no	Kathleen	Elliott	MRCS		Х	Х		Х					
		Facilitating the Implementation of the																
		ACS/APDS Phase III Skills Curriculum:																
Imperial College London	AEI2014	Training Faculty in the Assessment of Team Skills	Original	Noc	no	Louise	Hull	PhD	х	х								
Impenal College London	AE12014	Surgical care checklists to optimise	Oliginal	yes	110	Louise	Hull	FILD	^	^	-	-						
		patient care following post-operative																
Imperial College London	AEI2014	complications	Original	ves	no	Philip	Pucher	MD, MRCS	Х			Х		х				
		Modern Paradigms in Surgical Training -	Ĭ	Í		1				1	1				1			
		An International Qualitative Study to																
		Determine Factors Affecting the						MB, BS,										
	4510040	Implementation of Simulation-based				01		BSc(Hons),	v				v					
Imperial College London	AEI2016	Training Programmes	Original	no	no	Shady	Hosny	MRCS	Х				Х					
		International Delphi Consensus on Critica																
		Components of the Safe Surgical Ward:						MB, BS,										
		Identification of Factors for Educational						BSc(Hons),										
Imperial College London	AEI2017	Interventions and Quality Assessment	Original	no	no	Yasmin	Hassen	MRCS					Х					
		Advanced Training in Laparoscopic																
Imperial College London/St.		Abdominal Surgery (ATLAS): a																
Mary's Hospital	AEI2013	Systematic Review	Descriptive	yes	no	Laura	Beyer-Berjot	MD		Х								
Imperial College London/St. Mary's Hospital	AEI2013	Surgical Training: Design of a Virtual Care Pathway Approach	e Descriptive	yes		Louro	Beyer-Berjot	MD	х	х			х	х				
Mary's Hospital	AEI2013	Performance Variability During Training	Descriptive	yes	yes	Laura	Beyer-Berjot		~	~			~	~			F	Performance
Indiana University	AEI2018	on Simulators Predicts Skill Transfer	Original Paper	ves	ves	John	Martin	MD			х							Assessment
······································	71212010	Automated Assessment of Surgical Knot	5 <u>5</u>	,	,	00111	maran				~~~~						-	
Indiana University	AEI2019	Tying	Original Paper	no	no	Elizabeth	Huffman	MD			Х							
		Residency preparatory courses effectively																
		prepare graduating medical students for	Poster								N/							
Indiana University	AEI2019	surgical internship Current Research Priorities in Surgical	Presentation	no	no	John	Martin	-		-	Х				-			lasela
Indiana University School of Medicine	AEI2018	Simulation	Original Paper	yes	yes	Nicholas	Anton	MS										Needs Assessment
	ALIZOTO	Mental Skills Training Limits Operative	Original r aper	yes	yes	NICHOIAS	Anton	MO									r	SSCSSITICITE
		Skill Decay Under Stressful Conditions:																
Indiana University School of		Results of a Multi-Site Randomized	Poster															
Medicine	AEI2018	Controlled Study	Presentation	yes	no	Nicholas	Anton	MS	Х									
Indiana University School of		What Errors Do Surgical Residents				L .												Veeds
Medicine	AEI2018	Commonly Commit?	Original Paper	yes	no	Tomoko	Mizota	MD	+			ł			ł		A	Assessment
INOVA	AEI2017	Operating Room Crisis Checklists: Development of Simulation Training	Work in Progress	no	no	Amber	Trickey	PhD, MS	х				х					
		Development of a Laparoscopic	i iogress	10	110	Ambel	HUKEY		^		1	1	^		1			
		Appendectomy Silicone Training Model		1					1						1			
		Using Three-Dimensional Printing		1					1						1			
INOVA Health System	AEI2016	Technology	Original	no	no	Jonathan	Dort	MD, FACS										
		Inter-professional Education and																
		Simulation to Improve Knowledge		1					v						1			
INOVA Health System	AEI2016	Retention of CAUTI Patient-Centered Communication for	Original	no	no	Paula	Graling	DNP, RN	Х		Х	Х			ł		├	
		Surgical Residents: A Simulation-Based		1					1						1			
INOVA Health System	AEI2016	Curriculum	Original	no	no	Amber	Trickey Pa	ige f êhD, MS		х	х	Х						
	1.2010		Singinia	10	10			1 112, 100	1	~		Λ		1	1	1	1	

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									Research									
				Multi-	Manuscrip	t			• • •	-		_						
Institute	Abstract Year	Abstract Title	Type of Abstract	Institutional		First Name	Last Name	Cradantiala	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	•	Investigation	Education	In-	Other
Institute	rear	ADSTRACT LITTLE	ADStract	Study	In Surgery	FIrst Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Pooling Resources: Creation of a Surgical																
INOVA Health System	AEI2016	Bootcamp that Straddles Specialty Lines	Original	no	no	Sharon	Bachman	MD, FACS			х	х						
into vA ricalar Oystern	ALIZOTO	Transfer of skills between virtual	Original	110	110	Charon	Daonnan	ND, I AOO			~	~						
Karolinska University Hospital	AEI2011	colonoscopy and laparoscopy	Original	yes	no	Lars	Enochsson	MD, PhD		Х		х						
· · · · · · · · · · · · · · · · · · ·	71212011			,		2010	Linconscent	,		~								
		Skills transfer between basic laparoscopic																
Karolinska University Hospital	AEI2012	and colonoscopic simulator training	Original	no	no	Lars	Enochsson	MD, PHD		Х	Х	Х		Х				
- · · ·		Technical and non-technical skills																
		influencing laparoscopic performance																
Karolinska University Hospital	AEI2013		Original	no	no	Lars	Enochsson	MD, PhD	Х	Х	Х			Х				
		Basic skills training - black box or high																
Karolinska University Hospital	AEI2015	fidelity simulators?	Original	yes	no	Lars	Enochsson	MD, PhD	Х	Х	Х			Х				
		Video Analysis of Path Length in Basic																
		Skills Training: A Way to Expand the																
Kanalinalya University Usanital	AEI2016	Value and Use of Basic Skills BlackBox	Onininal			1	F acabasaa	MD. PhD			х	х						
Karolinska University Hospital	AEI2016	Training? Will eye tracking video feedback enhance	Original	yes	no	Lars	Enochsson	MD, PhD			^	^						
Karolinska University Hospital	AEI2018	simulator performance?	Presentation	ves	no	Markus	Castegren	MD, PhD		х								
Narolinska Oniversity Hospital	AEIZUTO	Validation of a Novel Needle Holder to	Tresentation	yes	110	IVIAINUS	Casleyren	ND, THD		~								
Karolinska University Hospital		Train Advanced Laparoscopy Skills to	Poster															
Sweden	AEI2019		Presentation	ves	no	Ninos	Oussi	MD						Х				
	71212010	Optimizing Simulation-Based	riccontation	,		111100	0400.							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
		Interdisciplinary Teamwork Training for																
		Medical and Nursing Students and																
Lahey Clinic	AEI2017	Evaluating Its Long-term Effects	Original	no	no	Darlene	Bourgeois	MSN, RN										
		Calculating the Return on Investment -																
		Quantifying the Value of Simulation																
Lahey Clinic	AEI2018		Original Paper	r yes	no	Dmitry	Nepomnayshy	MD				Х						
		Integration of a Curriculum for the																
		Surgeons Training Endoscopic Proficiency																
		(STEP) Program into General Surgery	Work in						V	N/								
Lahey Health System	AEI2011		Progress	no	no	Andrew	Kastenmeier	MD	Х	Х								
		Initial Steps Towards the Development of	Manda in															
Labor Lastin Cretan	4510040	a De Novo Simulation-Based Anesthesia	Work in			E de de	0	MD, PhD	v	х			х					
Lahey Health System	AEI2012	Curriculum An Interdisciplinary Boot Camp Where	Progress	no	no	Edwin	Ozawa	MD, PND	Х	~			~					
Lahey Health System	AEI2013		Descriptive	no	no	Darlene	Bourgeois	MSN. RN	х	х		х						
Laney Health System	AL12013	Preparing to Save a Life - Simulation	Descriptive	110	110	Danene	Dourgeois	WON, IN	~	~		Λ						
		Course for Penetrating Thoracic Trauma																
Lahey Health System	AEI2013	in a Low Volume Hospital	Descriptive	no	no	Dmitry	Nepomnayshy	MD, FACS	х	Х	х							
		The Implementation of a Body Donation																
		Program to Support Surgical Education at																
Lahey Health System	AEI2014	an Accredited Education Institute	Descriptive	no	no	Jirina	Truneckova	BS										
		Creating a Policy Development																
		Methodology Utilizing Simulation and																
		Implementation of an Operating Room																
Lahey Health System	AEI2015	Emergency Checklist	Descriptive	no	no	Theodore	Delmonico	MD					Х					
												1						
		Do Teamwork and Communication										1						
		Concepts Learned in the Simulated		1		D I	D		V V	v		V						
Lahey Health System	AEI2015	Environment Transfer to the Trauma Bay?	Original	no	no	Darlene	Bourgeois	MSN, RN	Х	Х	Х	Х					├ ──── ↓	
Labov Hoalth Svatam	AE12045	Teaching With Technology – What Do	Original			Morodith	Cody Thomas	DA.	Х			1						
Lahey Health System	AE12015	Millennial Learners Need? The Effects of Team Training Utilizing	Original	no	np	Meredith	Cody Thomas	BA	^									Patient
		Simulation and Mindfulness on Colleague		1														atisfaction and
		Engagement and Patient Satisfaction in	Innovative	1				EdD(c), MSN,										olleague
Lahey Hospital & Medical Center	AEI2019	the Healthcare Setting	Techniques	no	no	Darlene	Bourgeois	RN				1						ngagement
Landy hospital & mouloal Cellier	112013	and ribuithoure octaing	1 Sol Iniques	10	10	Danono	- Dourgeois Pa		1	1	1	I		1	1		e	igagement

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									Research									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	•		Evaluations		•	Investigation	Education	Development	Other
		Evaluation of Stress on Laparoscopic											Í					
		Skills of Surgical Residents in Simulation-																
Lehigh Valley Health Network	AEI2012	Based Education	Research Idea	no	no	William	Boyer	DHSc		Х	Х		Х					
Lehigh Valley Health Network	AEI2012	LVHN The Level II Accreditation Journey	Descriptive	no	no	Cathyann	Feher	RN. MSN	х			х						
Lehigh Valley Health Network	AEI2013	The Community as a Learner Group	Descriptive	no	no	Cathyann	Feher	RN, MSN				X	Х					
		Team Based Simulation: Another Tool to						MD, MPH,										
Lifebridge Health Sinal Hospital	AEI2017	Teach Operating Room Fire Safety	Descriptive	yes	no	Vanita	Ahuja	MBA					Х					
		Face, content, construct validity and																
		learning curve in robotic surgery simulation training: results of a																
Lorraine University	AEI2013	multicentric evaluation of dV-Trainer®	Original	ves	no	Cyril	Perrenot	MD	х	Х	х	х						
		Attitude Adjustment? Impact of	Ŭ	Í														
		Simulation-based, High-fidelity Inter-																
		Professional Team Training on Senior	Durter															
LSU Health New Orleans	AEI2019	Medical Students' Short-Term Teamwork Attitudes	Poster Presentation	no	no	Laura	Bonanno	PhDc, DNP, CRNA				х						Curriculum implementation
	ALIZ013	Evaluating the Quality of Video-taped	Tresentation	no	110	Laura	Donanno	ORINA				~						Implementation
LSUHSC SCHOOL OF		Debriefings after Simulation Team																
MEDICINE	AEI2018	Training	Original Paper	yes	yes	John	Paige	MD		Х								
		LSUHSC-NO Expands Surgical Education	1															
LSUHSC-New Orleans	AEI2008	through Innovative Developments and Collaborations	NA	no	no	Sheila	Chauvin	MEd		х								
	ALIZOUU	Role of Instruction Method in Novices'		110	110	Shella	Chauvin	MEG		~								
		Acquisition of Minimally Invasive Surgical																
LSUHSC-New Orleans	AEI2009	(MIS) Basic Skills	NA	no	no	John	Paige	MD, FACS							Х			
		Behavioral Impact of Inter-Professional																
LSUHSC-New Orleans	AEI2011	Student Operating Room Team Training using High Fidelity Simulation	Original	no	no	John	Paige	MD, FACS	x	х	х		х					
		Laparoscopic Cholecystectomy	Oliginal	110	110	001111	i aige	MD, 1700	~		~		~					
		Simulation-Based Training: Does the																
LSUHSC-New Orleans	AEI2012		Original	no	no	John	Paige	MD, FACS	Х	Х	Х	Х	Х	Х				L
		Thinking it Through: Correlation of Mental Rehearsal Attitudinal Gains with																
		Performance Parameters on Two																
		Separate Laparoscopic Cholecystectomy																
LSUHSC-New Orleans	AEI2013		Original	no	no	John	Paige	MD, FACS	Х	Х								
		Through the Looking Glass: Comparison																
		of Self-, Peer-, and Observer-based Assessment of Students during Inter-																
LSUHSC-New Orleans	AEI2014	Professional Team Training	Original	no	no	John	Paige	MD, FACS	х	х	х	х	х					
		Hemostasis in a non-compressible	- 5			-	5	, -										
		hemorrhage model: an end-user																
	4 510040	evaluation of hemostatic agents in a				0	0				x	х	х	x				
Madigan Army Medical Center	AEI2012	proximal arterial injury Urilization of the Human-Worn Partial	Original	no	no	Steven	Satterly	MD			^	^	^	^	-			l
		Task Surgical Simulator in Extreme																
		environmental terrain and weather																
Madigan Army Medical Center	AEI2013	conditions.	Original	no	no	Robert	Rush	MD	Х	Х	Х	Х	Х					
MASTRI	AEI2008	The MASTRI Center	NA	no	no	Adrian	Park	MD				Х						
		External Review and Endorsement in Support of Business Plans for Simulation							1									
MASTRI	AEI2009	Centers	NA	no	no	Gerald	Moses	PhD	1								х	
		Implementation and Educational								1	1	1		1		1		
		Outcomes for a Central Line Workshop																
Maya Clinia Dashaatar		Subtitle: A Simulation Center and	NIA				Duran	мр				v						
Mayo Clinic Rochester	AEI2008	Procedural Skills Lab Collaborative	NA	no	no	Willliam	Dunn	MD	L			Х		L	1	L		

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innovative Techniques, Origir	ial Paper and Po	oster Presentation (2018-Current)							Categories of									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Research Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Simulation Drives Our General Surgery																
Mayo Clinic Rochester	AEI2008		NA	no	no	David	Farley	MD, FACS	Х									
		\$500 REWARD: What Millennial Surgery				. · ·										v		
Mayo Clinic Rochester	AEI2009	Residents Will Do for a Buck	Progress	no	no	David	Farley	MD, FACS						-		Х		
		Toward "High Stakes" Certification in Central Line Placement: Construct																
		Validation of a Central Line Workshop																
Mayo Clinic Rochester	AE12009	Performance Metrics	NA	no	no	Yue	Dong								NA	NA	NA	
Mayo onnio recencica	ALIZOUS	Using a 24/7 Audiovisual System to	101	110	110	Tuc	Dong								10/1	10/1	10/1	
		Create a Dynamic Surgical Curriculum	Work in															
Mayo Clinic Rochester	AEI2009	and Assess Learners for Competency	Progress	no	no	David	Farley	MD, FACS								Х		
		Improving Surgical Skills Through	Ť				, i i i i i i i i i i i i i i i i i i i											-
Mayo Clinic Rochester	AEI2010	Simulation Education	Original	no	no	Benjamin	Zendejas		Х	Х	Х							
		YouTube Video + Simulation = Master	Work in															
Mayo Clinic Rochester	AEI2010	TEP Hernia Surgeon?	Progress	no	no	Benjamin	Zendejas		Х	Х		Х						
		No More Hotel Stays for ABS Examiners																
		or Examinees: A Pilot Study to Assess the																
Mayo Clinic Rochester	AEI2011	Internet as an Oral Exam Platform	Research Idea	yes	no	David	Farley	MD		Х	Х							
		Setting Mastery Learning Standards for																
Mayo Clinic Rochester	AEI2011	Laparoscopic TEP Inguinal Hernia Repair Simulator Training	Original			Poplamin	Zendejas	MD	x	х	х							
Mayo Clinic Rochester	AEIZUTT	Adding Audio-Visual On-line Learning to a		no	no	Benjamin	Zendejas	MD	^	^	^							
		Surgery Simulation Curriculum Will																
		Decrease Cognitive Load and Facilitate																
Mavo Clinic Rochester	AEI2012		Original	no	no	Shahzad	Ali	MD	Х	х	Х			х				
		Evaluating General Surgery Residents: Is																
Mayo Clinic Rochester	AEI2012	it Worth an Olympic Effort?	Original	no	no	Roberto	Hernandez-Irizarr	BS	Х	Х	Х	Х						
		A \$4.87 Model for Teaching and																-
		Assessing Basic Tube Thoracostomy																
Mayo Clinic Rochester	AEI2013	Techniques	Original	no	no	Raaj	Ruparel	MD		Х								
	1 5100 40	Perceptions of Surgical Task Trainers –	a · · ·			<u> </u>			v	v	v	v						
Mayo Clinic Rochester	AEI2013	What Do Trainees Prefer?	Original	no	no	Raaj	Ruparel	MD	X	Х	Х	Х						
		Pushing the Milestone Project Further: Using X-Games (Simulation-Based																
		Assessment) to Determine Promotional																
		Eligibility among General Surgery																
Mayo Clinic Rochester	AEI2013	Residents – A Preliminary Experience	Original	no	no	Raaj	Ruparel	MD		х	Х	Х						
		Teaching the Essentials of Endocrine	- 0			,												
		Surgery via Low-Cost, Low-Fidelity																
		Simulation – A Clever Use of Yarn and																
Mayo Clinic Rochester	AEI2013	Felt	Original	no	no	Raaj	Ruparel	MD	Х	Х	Х			Х				
		The Rationale for Combining Surgical																
		Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater																
Mayo Clinic Rochester	AEI2013	Resident Engagement and Satisfaction	Original	no	yes	Yazan	AlJamal	MD	x	х	х	х						
Mayo Chine Rochester	AL12013	A surgical educators armamentarium:	Original	110	yes	Tazan	Aljamai	MD	~	~	Λ	~						
		Using Jeopardy to assess residents'	1															
		retention and improvement of medical	1															
Mayo Clinic Rochester	AEI2014	knowledge	Original	no	no	Jad	Abdelsattar	MB, BS	Х	Х	Х	Х						
		Complications Related to Chest Tube																
		Placement at the Mayo Clinic and a Plan	1							1			l .					
Mayo Clinic Rochester	AEI2014	for Quality Improvement	Original	no	no	Raaj	Ruparel	MD	Х	Х		Х	Х	Х				
		Simulating Azygos Vein Ligation -						l		N N	v							
Mayo Clinic Rochester	AEI2014	Deliberate Practice is Invaluable	Original	no	no	Phillip	Rowse	MD	X	Х	Х					<u> </u>		
		Video Skills Curricula and Simulation: A	1															
Mayo Clinic Rochester	AE12014	Synergistic Way to Teach Two-Layered Handsewn Small Bowel Anastomosis	Original	no	no	Phillip	Rowse Page	Mid	x	х	х							
mayo cililic Rochestel	AEIZU14	Tanusewit Stildit Dowel Anastoffiosis	Unginal	ΠU	ΠU	n niiih	1.00050 0	טואו	∧	^	^			l		l		

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Institute	Abstract Year	Abstract Title	Type of Abstract	Institutional Study		First Name	Last Name	Credentials	Curriculum Development	Teaching Mothodo	Learner	Program	Patient	Surgical	Investigation	Education	In- Development	Other
Institute	Teal		ADSITACI	Study	in Surgery	First Maille	Last Name	Credentials	Development	Wethous	Evaluations	Evaluations	Salety	Outcomes	Investigation	Education	Development	Other
		Cadaveric Dissection vs. Homemade Model: What is the Best Way to Teach																
		Endoscopic Totally Extraperitoneal																
Mayo Clinic Rochester	AEI2016	Inguinal Hernia Repair?	Original	no	no	Yazan	AlJamal	MB. BS			Х	Х						
	71212010	Oh, The Stress of Simulation! Role of Skir				- azur	, abarriar											
		Conductance as A Stress Indicator in	Work in															
Mayo Clinic Rochester	AEI2016	Surgical Education.	Progress	no	no	Monali	Mohan	MD			Х	Х						
-		Serving Up Your Service: How Can YOU																
Mayo Clinic Rochester	AEI2016		Descriptive	no	no	Becca	Gas	BS	Х		Х	Х						
		Trainee Impressions of Instructor																
		Expertise in Surgical Simulation and																
Mayo Clinic Rochester	AEI2016	Education	Original	no	no	ТК	Pandian	MD, MPH	Х		Х	Х						
		Outcomes Fallowing Introduction of a																
		Outcomes Following Introduction of a																
Mayo Clinic Rochester	4512017	Standardized Process To Improve Transitions of Care in a Surgical Practice	Original		20	Yazan	AlJamal	MD	x			Х	х	х				
Mayo Clinic Rochester	AEI2017	Personalized video feedback to improve	Original	no	no	razan	Aljamal	MD	^			^	^	^				
		"at home" pre-residency preparation of																
Mayo Clinic Rochester	AEI2017	surgical interns	Original	yes	ves	Nimesh	Naik	MD										
	7.12.12011	Using 3-D Anatomy Models Facilitates	- · · · · · ·	<i>,</i>	,													
		Cross-sectional Radiological Anatomy																
		Learning for Surgery Residents: a																
		randomized controlled crossover trial	Work in															
Mayo Clinic Rochester	AEI2017		Progress	no	no	Francisco	Cardenas	MD	Х	Х	Х							
		Knot Tying: Transforming Novice to																
		Proficient Performance in less than 60	Poster															
Mayo Clinic Rochester	AEI2018	minutes. Can it be done?	Presentation	no	no	Mohamed	Baloul	MBBS		Х	Х							
		Laparoscopic Peg Transfer Simulation																
		Tasks with Two Difficulty Levels: Analysis																
	4510040	of Two Years Interns' Performance and				•	A.L. J. L. J				х							
Mayo Clinic Rochester	AEI2018	Workload Low Fidelity Materials Yield High	Original Paper	yes	no	Amro	Abdelrahman	MBBS			~							
		Resolution Assessment of Anatomical																
Mayo Clinic Rochester	AEI2018		Original Paper	no	ves	Humza	Saleem	MD	x		х							
Mayo Onnie Roonester	AL12010	Microsurgical Skills Training Course: The		110	yes	Tumza	Jaleenn	NID	Λ		Л							
		Effect on Microsurgery Trainees'	Poster															
Mayo Clinic Rochester	AEI2018	Confidence and Workload	Presentation	no	no	Anita	Mohan	MBBS			Х							
		Surgical Interns in 2017: Objective																
		Assessment Suggests they are Better but																
Mayo Clinic Rochester	AEI2018		Original Paper	no	yes	Yazan	AlJamal	MD			Х	Х						
		Video Training Works for Professional																
		Sports, Might it be Effective in Training	Poster															
Mayo Clinic Rochester	AEI2018	Resident Eyes and Minds for the OR?	Presentation	no	no	Nicholas	Prabhakar	BA			Х							
		3-D Anatomy Models Facilitates Cross-																
		sectional Radiological Learning for	_															
Maya Clinia Destantes	4510040	Surgery Residents: a randomized	Poster			Francisso	Cordonas Las	MD		х								
Mayo Clinic Rochester	AE12019	controlled crossover trial	Presentation	yes	no	Francisco	Cardenas Lara	MD		^								
		Analysis of General Surgery Intern Performance on Simulation-Based	Poster															
Mayo Clinic Rochester	AE12010	Anatomy Examinations	Presentation	no	no	Abhishek	Chandra	вА	x	х	х							
mayo onnio Roonester	AE120 19	Development and Evaluation of a Low-	Tesentation	no	10	ADHISHEK	Chanuia		^	^	^						├	
		Cost Laparoscopic Cholecystectomy	Poster															
Mayo Clinic Rochester	AEI2019		Presentation	no	no	Rafael	Azevedo	MD	х	х								
	, , , , , , , , , , , , , , , , , , , ,	Development and Evaluation of a Low-		10	110				~								<u> </u>	
		Cost Sentinel Lymph Node Model for	Innovative		1													
Mayo Clinic Rochester	AEI2019	Axillary Dissection and Biopsy	Techniques	no	no	Courtney	Backstrom	BS		Х								
							1		1		0	0	0			0		

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

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

									Research									
				Multi-	Manuscript					-		_						
In a 414 - 4 a	Abstract		Type of	Institutional			Last Name	Cue de utiele	Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	Other
Institute	Year	Abstract Title	Abstract	Study	In Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Grouped-based Video Feedback is as Effective and More Efficient than																1
		Personalized Video Feedback for																1
Mavo Clinic Rochester	AFI2019	Enhancing Skills of Surgical Interns	Original Paper	no	no	Yazan	AlJamal	MD	х		х							1
Mayo onnie Rochester	ALIZOIS	Knot-tying Struggles for Surgical Interns:		no	110	1 42411	Albama	ND	Λ		Λ							
		Bare Hands vs. Gloves vs. Gloves with																1
Mayo Clinic Rochester	AEI2019		Original Paper	no	no	Nizamuddin	Shaikh	MBBS	Х	Х	Х							1
		Laparoscopic Port Placement Concepts;	Poster															
Mayo Clinic Rochester	AEI2019		Presentation	yes	no	Nimesh	Naik	MD		Х								
		Workshop Using Standardized Patients to																
		Evaluate the Communication Skills of																1
McGill University	AEI2009		NA	no	no	Sender	Liberman									Х		
MaCill Liniterative	4510045	Patient Specific Simulation for Aortic	Onininal			Kaula	Lashanalla	MD, FACS,	v	х								1
McGill University	AEI2015		Original	no	no	Kevin	Lachapelle	FRCSC	Х	×								
		Simulation versus Operating Room: Examining Relations between Emotional																1
		States, Learning Processes, and																1
		Technical Skills Performance across	Work in															1
McGill University	AEI2015		Progress	ves	no	Melissa	Duffy	МА		Х	х							1
	71212010	Development of a Breast Reconstruction		900			,			~~~~	~~~~							
McGill University	AEI2017		Original	no	no	Alex	Viezel-Mathieu	MD, BS										1
		Simulation-based Multiple Mini-interviews	, i i i i i i i i i i i i i i i i i i i															
		vs. Traditional Interviews in the																1
		Postgraduate Year 1 Cardiac Surgery																1
McGill University	AEI2017		Original	no	no	Marina	Ibrahim	MD			Х							
		Force during Simulation-Based	. .															
		Orotracheal Intubation is predictive of	Poster			. ·												Objective
McGill University	AEI2018	Clinical Competency Conflicting Opinions on the Use of	Presentation	no	no	Qasim	Al Abri	MD										Assessment
		Simulation for Nontechnical Skill																1
		Development at the Onset of Residency																1
McMaster University	AEI2017		Original	no	no	Natalie	Wagner	BSc(Hons)	Х	Х								1
	712017		original		110	. Tutuno	ragnoi	200(110110)										
		Development, Implementation, and																1
		Evaluation of a Competency-Based																1
		Urology Bootcamp for Training First-year																1
																		1
McMaster University	AEI2018		Techniques	yes	no	Yuding	Wang	MD	Х									
		Validation of a Low-cost Ultrasound	. .															1
McMaster University	4510040	Compatible Suprapubic Catheter Insertion Training Model	Poster Presentation			Muslin e	10/	MD		х								1
McMaster University	AE12018	Time Crunch: Increasing the Efficiency of	Presentation	no	no	Yuding	Wang	NID										
Medical University of South		Technical Surgical Skill Assessment via																1
Carolina	AEI2017	Brief Video Clips	Original	yes	ves	John	Sawyer	BS										1
	ALIZOTI	Using Heart Rate Variability to Assess	original	y00	ycs	00111	Callyon	50										
		Acute Stress During Simulated Trauma																1
Medstar/SiTEL	AEI2016		Original	no	no	Shabnam	Hafiz	MD, MPH							1			
		Expansion of Surgical Simulation Through								1			1					
		the Development of Economic														1		
		Laparoscopic Simulators and Student-run																
Meharry Medical College	AEI2019		Original Paper	yes	no	Jordan	Baechle	BS	Х	Х								. <u> </u>
		The Tell-Tale Heart and Team Crisis						MD, MEd,							1			
MGH	AEI2015	Simulation in an In-Situ Operating Room	Original	no	no	Roy	Phitayakorn	FACS		Х	Х		ļ					
		A Flexible Platform for Building														1		
MGH	AE10040	Cumulative Milestone-Based Surgical Resident Portfolios	Descriptive	no		Avni	Khatri	BS	x		х	х			1			
	AEIZU IO	Resident Portionos	Descriptive	no	no	Avni	Khatri	60	^	I	∧	^	I	1	1	1	1	

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

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cond Physical Algorithm frame fr																			
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Mail Mail	МСН	AE12014		Descriptive	no	Ves	Rov	Phitavakorn	MD MEd		×	x		x					
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Market Aussentier Market Market <td>MITIE</td> <td>AEI2009</td> <td></td> <td>NA</td> <td>yes</td> <td>no</td> <td>Alvin</td> <td>Goh</td> <td>MD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td> <td></td>	MITIE	AEI2009		NA	yes	no	Alvin	Goh	MD									Х	
MTE Account Number of Numb			GEARS: An assessment tool to measure	1	-													l l	
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MATE Account Product Struider (1975) Nu rot Rota Joseph Image Image<																			
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Mapping System to Measure System to Measure Stress in a Sygnet MM Price Value V	MITIE	AEI2009	Portable Human Patient Simulator (HPS)	NA	no	no	Rohan	Joseph										Х	
Mapping System to Measure System to Measure Stress in a Sygnet MM Price Value V																			
MILE Surgeom SMP, Provide V Value Methic No																			
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AP Professory-based Da Viroles Skills Original no No X MTRE Excellent of a cost-effect preference from metrical Creation of a cost-effect preference from metrical Education Institute (AE) - a node for use Calleger of Sygners Assertised No X No No MTRE APPOINT Creation of a cost-effect preference from metrical Education Institute (AE) - a node for use Calleger of Sygners Assertised No No X No No MTRE APPOINT Creation of a cost-effect preference from metrical Education Institute (AE) - a node for use Calleger of Sygners Assertised No Kattach BA X No No MTRE APPOINT Creation Institute (AE) - a node for use Calleger of Sygners Assertised No Fragmetic for use Calleger of System (Cost Cost Cost Cost Cost Cost Cost Cost	MITIE	4512000			20		Dohon	leseph								v			
MITE AE2015 Simularity intraining Curring Marine and State of the second state of the	INITIE	AEI2009		INA	110	no	Ronan	Joseph					1			^			
AE2010 Cheation of a local-effect proview modical subset work forces for a busy more frame and the U(k) - a model for use busy more and consider methods assessment of the U(k) - a model for use busy more and the U(k) - a model fore and the U(k) - a mode	MITIE	AEI2013		Original	no	no	Victor	Wilcox Ir	MD	x									
MITIE AE2001 Study American Collegie of Study American Collegie of Study American Education Institute (AE) - a model for Lue Original no no no No Lauren Kabach BA X - <td></td> <td>AL12013</td> <td></td> <td>- 5</td> <td>no</td> <td>110</td> <td>VICIOI</td> <td>WIICOX, JI</td> <td>MD</td> <td>Λ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		AL12013		- 5	no	110	VICIOI	WIICOX, JI	MD	Λ									
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MITIE AEDD Education Institute (AED) = anole for use Original On Lauren BA X Los																			
With Hould we leach in a general surgery simulation curiculating multiplication of a Normality and resident needs assessment Poster Presentation Normality and resident needs assessment Poster Presentation MITIE AEIG019 and resident needs assessment Presentation yes no Karen Dickinson MD, FRCS X MO Heart Center AEIG018 Biodiador CF1 Demonstrating Reduced Volume Loss for Open Surgery Reduced Volume Loss for Open Surgery reterion rates for akits startift through an intersive laboratory-based surgical skills no no<				e															
MTEE Alter of the surgery simulation curriculum? A facture personance of the serial on yes no Karen Dickinson MD, FKCS X L <thl< th=""> L <thl< th=""> L <thl< th=""> L</thl<></thl<></thl<>	MITIE	AEI2013	by consortium members	Original	no	no	Lauren	Karbach	BA	Х									
MITIE AE [2019] and resident needs assessment Presentation yes no Karen Dickinson MD, FRCS X Image: Control of the control of th			What should we teach in a general																
Martificial Blood CF1 Demonstrating Reduced Volume Loss for Open Suggery Orliginal no				Poster															
Metached Volume Loss for Open Surgery Bernarde In Human Cadavers Original Original on no no loss Fernancez MD, FACS Image: Construction of the co	MITIE	AEI2019		Presentation	yes	no	Karen	Dickinson	MD, FRCS	Х									
MD Heart Center AEI2010 Simulation in Human Cadavies ¹ Original no no loss Fernandez MD, FACS L <thl< th=""> L L L</thl<>																			
Ortopaedic boot carp II: Examining retention rates for skills laught through a intensive laboratory-based surgical skills Original original yes yes Ranil Sonnadara PhD, MSc X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
Interview laboration released sorgical stage with through and interview laboratory-based surgical stage with through and interview laboratory-based surgical stage with under stage	MO Heart Center	AEI2016		Original	no	no	Joss	Fernandez	MD, FACS										
Mount Sinal Hospital Litensive laboratory-based surgical skills Original yes Ranit Sonnadara PhD, MSc X X X Image: Construction of the constructi																			
Mount Sinal Hospital AE[2011 course Original yes yes Ranil Sonnadara PhD, MSc X X C C C C Naval Hospital Original Operationary Obsetive Team Training Operationary Obsetive Saming or Operational Medicine Providers: Design and Impermentation of a Noval No No Joy Greer RN, BSN K X X K <																			
In Stitu Multidisciplinary Obstetric Team In Stitu Multidisciplinary Obstetric Team In Stitu Multidisciplinary Obstetric Team Naval Hospital Portsmouth AEI2017 Latent Threats to Patient Safety Original no	Mount Singi Haapital	4510044		Original			Denil	Commondore			v		~						
Naval Hospital Portsmouth AE12017 Training Opportunities wile Sensing Latent Threats to Patient Safety Original no no Joy Greer RN, BSN No X X X Naval Hospital Portsmouth AE12017 Latent Threats to Patient Safety (Latent Threats to Patient Safety) Original no no no Joy Greer RN, BSN X		AEIZUTT		Onginal	yes	yes	Rann	Sonnauara	FIID, WISC		^		^						
Naval Hospital Portsmouth AE(207) Training Opportunities while Sensing Latent Threads to Patient Safety Original no no dow Greer RN, BSN A X X X X Naval Hospital Portsmouth AE(207) STOMP- Skills Training for Operational Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns Novel educational module for placement of continuous intercostal nerve blockade Original no no no Travis Polk MD, FACS X X X X X Naval Med Ctr Portsmouth AE(2016) for U.S. Navy Interns Original no																			
Naval Hospital Portsmouth AEI2017 Latent Threats to Patient Safety Original no no Joy Greer RN, BSN Image: Component of the comparison of the comparison of the comparison of the comparison of a Novel (comprehensing Skills-Based Curriculum original) Noval Med Cir Portsmouth AEI2016 Kanadian and the comparison of the compar																			
Naval Med Ctr Portsmouth AEI2016 For Law and the providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum Original no no no Travis Polk MD, FACS X X Naval Med Ctr Portsmouth AEI2016 for U.S. Navy Interns Original no no <td< td=""><td>Naval Hospital Portsmouth</td><td>AEI2017</td><td></td><td>Original</td><td>no</td><td>no</td><td>Jov</td><td>Greer</td><td>RN BSN</td><td></td><td></td><td></td><td></td><td>х</td><td></td><td></td><td></td><td></td><td></td></td<>	Naval Hospital Portsmouth	AEI2017		Original	no	no	Jov	Greer	RN BSN					х					
Naval Med Ctr Portsmouth Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns Original no no Travis Polk MD, FACS X Implementation Implementation (Signal Implementation (Signal <t< td=""><td></td><td></td><td></td><td><u>Grig</u>inal</td><td></td><td></td><td></td><td></td><td>, = =</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				<u>Grig</u> inal					, = =										
Naval Med Ctr Portsmouth AEI2016 Implementation of a Novel Comprehensive Skills-Based Curriculum of continuous intercostal nerve bickade original no no ravis Polk MD, FACS X Implementation Implementation of a Novel comprehensive Skills-Based Curriculum of continuous intercostal nerve bickade original no no ravis Polk MD, FACS X Implementation																			
Naval Med Ctr Portsmouth AEI2016 for U.S. Navy Interns Original no no Travis Polk MD, FACS X Image: Construction of the construction of the construction of the construction of the construction of continuous intercostal nerve blockade for traumatic rib fractures Original no no no Travis Polk MD, FACS X Image: Construction of the construction of the construction of continuous intercostal nerve blockade for traumatic rib fractures Original no no <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																			
Naval Med Ctr San Diego A novel educational module for placement of continuous intercostal nerve blockade (or traumatic rib fractures) no no no Jonathan Gower MD X X Image: Composition of traumatic rib fractures Image: Composition of traumatic rib fractures Original no no no no Carmen Spalding PhD X X Image: Composition of traumatic rib fractures Image: Composition of traumatic rib fractures Original no no no Carmen Spalding PhD X X Image: Composition of traumatic rib fractures Image: Composition of traumatic rib fractures Image: Composition of traumatic rib fractures Original no no no Carmen Spalding PhD X X X Image: Composition of traumatic rib fractures Image: Composition of traumatic rib																			
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Naval Med Ctr San Diego AEI2016 of continuous intercostal nerve blockade for traumatic rib fractures Original no carmen Spalding PhD No No <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																			
Naval Med Ctr San Diego AEI2016 for traumatic rib fractures Original no no no no no no Maxia Maxia Maxia X X X Image: Composition of the comp				t			1												
Naval Med Ctr San Diego AEI2016 CPR Devices & Impact on Infant Chest Compressions Original no no Carmen Spalding PhD X X Image: Compression of the complex								-				N/	X						
Naval Med Ctr San Diego AEI2016 Compressions Original no no Carmen Spalding PhD X X M Image: Compression of the complex space	Naval Med Ctr San Diego	AEI2016		Original	no	no	Jonathan	Gower	MD			X	X				-		
Peroral Endoscopic Myotomy Curriculum Eor The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms	Nevel Med Ctr Sep Diago	4512016		Original			Cormon	Coolding	DFD			v	v						
Eor The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms□	Traval Meu Cu Sall Diego	AEIZU 10		Unginal	nu	nu	Carmen	Spaining	שווק		<u> </u>	<u> </u>	<u> </u>			1		├	
Eor The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms□			Peroral Endoscopic Myotomy Curriculum													1			
Esophageal Motility Disorders Using Simulation & Animal Platforms□							1												
Simulation & Animal Platforms																1	1		
Naval Med Ctr San Diego AEI2016 Original no no Andrew Wang MD X																1			
	Naval Med Ctr San Diego	AEI2016		Original	no	no	Andrew	Wang	MD	Х						1	1		

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									Research									
	Abstract		Type of	Multi- Institutional	Manuscrip Published	t			Curriculum	Teaching	Learner	Program	Patient	Surgical			In	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods		Evaluations		-	Investigation	Education	Development	Other
		Safe Adoption Of Robotic Training In							2010iopiiioiii				- Cullety		J		2010:00	
		Residency With a Eundamentals Of																
		Robotic Surgery Curriculum -A 5 Year																
Naval Med Ctr San Diego	AEI2016	Experience In a Military Institution	Original	no	no	Alwin	Albert	MD	Х		Х	Х						
		Enhancing Computer-Based Central Line																
		Training for Surgery Residents Across	Poster															
Naval Medical Center Portsmouth	AEI2018		Presentation	no	no	Jenny	Held	MD		Х								
		Using a Simulation Based Curriculum to																
Nevel Madical Contan Dartematik	4 510040	Teach General Surgeons Obstetric &	Poster Presentation			Durald	D.I.	PHD	v									
Naval Medical Center Portsmouth	AEI2019	Gynecological Skills Proficiency Based Training Program For	Presentation	no	no	Donald	Delorey	PHD	Х									
		Performing Complex Gastrointestinal																
		Surgery – How And Why To Learn The																
		Robotic-Assisted Laparascopic Gatric																
Naval Medical Center San Diego	AEI2019		Original Paper	no	no	Gordon	Wisbach	MD. MBA		х								
		Pressurized Cadaver Flow Model (PCM):				-		,										
		a Novel Model for Endovascular Surgical																
Navy Medical Center San Diego	AEI2015	Training	Descriptive	yes	no	Joseph	Ayers	MD	Х	Х								
								MD, PhD,										
Northwestern University	AEI2008		NA	no	no	Carla	Pugh	FACS			Х							
		A Model for Strengthening Faculty																
		Teaching Effectiveness in a Skills														X		
Northwestern University	AEI2009		NA	no	no	Debra	DaRosa	PhD								Х		
Northweatern University	4 510000	Administrative Considerations When	Descriptive	20		Daharah	Deeneu	PhD							х			
Northwestern University	AEI2009	Implementing ACS Skills Curriculum Organization of a curriuclum Designed to	Descriptive	no	yes	Deborah	Rooney	PhD							~			
		Transfer Learning from skills Lab to																
Northwestern University	AEI2009		NA	no	no	Debra	DaRosa	PhD								х		
		Outcome Measures for Surgical		110	110	Debra	Dartosa									~		
		Simulators: Is the focus on technical skills						MD, PhD,										
Northwestern University	AEI2009	the best approach?	Original	yes	yes	Carla	Pugh	FACS							Х			
		Psychometric Analysis of the Phase I																-
		ACS/APDS Skills Curriculum, Verification																
Northwestern University	AEI2009	of Proficiency Examination	Original	no	no	Eric	Hungness	MD							Х			
		The Theoretical Basis for Fabricating High	ו															
N I water a state of the transition		Fidelity Simulation Tools for Honing						MD, PhD,							v			
Northwestern University	AEI2009		Original	yes	no	Carla	Pugh	FACS							Х			
		Can Skills Coaches be Used to Assess Resident Performance in the Skills																
Northwestern University	AEI2011	Laboratory?	Original	ves	ves	Deborah	Rooney	PhDc	х	х	х							
Northwestern Oniversity		Fundamentals of Laparoscopic Surgery	Original	yes	yes	Deboran	Rooney	THEC	Λ	~	~							
		(FLS) Manual Skills Assessment: Surgeor	h															
Northwestern University	AEI2011	Versus Non-surgeon Raters	Original	yes	no	Deborah	Rooney	PhDc				Х						
		Use of decision based simulation to	Ŭ	Í			,											
		explore shared mental models in the																
Northwestern University	AEI2011	operating room	Original	no	no	Carla	Pugh	MD, PhD			Х		Х					
		Can Peers be Used to Assess Resident																
Northwestern University	AEI2012	Performance in the Skills Laboratory?	Original	no	no	Deborah	Rooney	PhD	Х	Х	Х	Х	L	Х				
		Survey-Based Team Assessments: A					1				1							
Northwestern University	AEI2012	Critical Evaluation Of Behavioral	Original			Carla	Duch	MD, PhD, FACS		х	х							
Northwestern University	AEIZU12	Constructs And Item Selection Using a Many-Facet Rasch Measurement	Original	no	no	Carla	Pugh	PAGS		^	^							
		Approach for Validation of Central Venous					1				1							
		Catheter Tool Used in Verification of		1				1										
Northwestern University	AEI2012		Original	yes	no	Deborah	Rooney	PhD	Х	х	х							
		Does Variability Among Surgical Skills		,				1				1			1			
		Diminish Throughout Residency Training?					1				1							
		Analysis of a 5-Task Surgical Simulation	Poster				_	10			1							
NYP-Weill Cornell Medical Center	AEI2019	Curriculum Starting Day 1.	Presentation	yes	yes	Jessica	Limberg Page	°MAD	Х	Х	Х							
The model of the medical of the	ALIZU19	Carried and Otarting Day 1.	rosoniation	yes	yes	0000100	Linberg			~	~	I	I	L	I	I		

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									Research									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods					Investigation	Education	 Development	Other
		Efficacy of a simulation-based training											/		1			
		program for improving the communication																ł
		skills of general surgery and obstetrics																ł
Ohio Health	AEI2016	and gynecology residents	Original	no	no	Ngan	Nguyen	PhD			Х	Х						ł
		Understanding Experiential Learning																1
OhioHealth	AEI2013	Styles in Residency	Original	no	no	Jason	Zigmont	PhD		Х	Х							I
		Innovative Approach to Faculty																ł
OhioHealth	AEI2014	Development Utilizing Simulation	Original	no	no	Jason	Zigmont	PhD	Х	Х			Х	Х				l
		Teaching Teamwork and Checklists																ł
		Through Live 'Simulations' in the OR with					_ . ,			X	V	N/	v					ł
OhioHealth	AEI2015	Intact Care Teams Improves Buy-In	Descriptive	no	no	Jason	Zigmont	PhD		Х	Х	Х	Х					
		Taashina Dum Manananant Haina a Laur	lum av cationa															Low cost simulator
OhioHealth Learning	AEI2019	Teaching Burn Management Using a Low Cost Escharotomy Trainer	Innovative Techniques	20		A ait	Misra	MD		х								development
Onionealth Learning	AEIZUI9	Use of a Low Cost Task Trainer for	rechniques	no	no	Asit	IVIISIA	IVID		^								development
		Emergency Department Thoracotomy																ł
		Training in a General Surgery Residency	Innovative															Simulator
OhioHealth Learning	AEI2019		Techniques	no	no	Asit	Misra	MD		Х	х							Development
Childricalar Edanning		Use of Mock Oral Boards as an	rooninquoo	110	110	Asit	IVIISIA	MD		~	X							Bevelopment
		Assessment Tool in Simulation Based	Poster															ł
OhioHealth Learning	AEI2019	Burn Management Training.	Presentation	no	no	Asit	Misra	MD		х	Х							ł
		The Effects of the Addition of a Pediatric																1
		Surgery Fellow on the Operative																ł
Oklahoma University Health		Experience of the General Surgery																ł
Sciences Center	AEI2013	Resident	Descriptive	no	no	Alexander	Raines	MD		Х		Х						ł
		Interprofessional Simulations to Inform																í
		Perioperative Facility Planning and																ł
Penn Medical Simulation Center	AEI2017	Design	Original	no	no	Kristoffel	Dumon	MD, FACS										ļ
		A Focused and Dedicated One Week																ł
		Basic Skills Curriculum Is Adequate To																ł
		Reach The Expected Proficiency Level																ł
Penn Medicine Clinical Simulation		For First Year Surgery Residents In A	a · · ·						v	v	v	v						ł
Center	AEI2010	Busy Residency Program.	Original	no	no	Ben Selvan	Chandrakaladhar	MS	Х	Х	Х	Х						
Penn State Hershey Medical		Nurse Training with Simulation: An Innovative Approach to Teach Complex																ł
Center	AEI2012	Microsurgery Patient Care	Descriptive	20		lohn	Detechny	MD, FACS	x	х		х						ł
Center	AEIZUTZ	Microsurgery Patient Care	Descriptive	no	no	John	Potochny	IVID, FACS	^	^		^						
		Enhancing a General Surgery Residency																ł
Penn State Hershey Medical		Curriculum through Integration of an						MD, FAAP,										ł
Center	AEI2008	Online Content Management System	NA	no	no	Andreas	Meier	FACS	Х									ł
		Laboratory Simulation is Useful in				/ indiodeo												í
Providence Hospital and Medical		Training Residents in Bowel and Vascular																ł
Centers	AEI2013	Anastomosis	Research Idea	no	no	Vijay	Mittal	MD	Х	Х				Х				ł
																		i
																		Rate of decay
																		of psychomotor
																		skill (by
																		extension
						1	1											surgical skill)
		A prospective, Randomised, Controlled																using VR
Queen Elizabeth Hospital,	l	Trial assessing the rate of decay of virtual																colonoscopy
Birmingham	AEI2019		Presentation	yes	no	Yash	Verma	MBBS/Bsc	Х		Х							simulator.
		Implementation and Evaluation of a																i i
		Comprehensive Proficiency-Based Upper	D t															1
Que ente l'Iniversity	4510040	GI Curriculum: A Multi-Institutional	Poster			D	7	MD, PhD,	v	v								i i
Queen's University	AEI2018	Canadian Experience	Presentation	yes	no	Boris	Zevin	FRCSC	Х	Х					I			·

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									Research									
				Multi-	Manuscript							_	-					
Institute	Abstract Year	Abstract Title	Type of Abstract	Institutional Study	Published	Eirot Nomo	Loot Name	Credentials	Curriculum Development	Teaching Methods	Learner Evaluations	Program	Patient Safety	Surgical	Investigation	Education	In-	Other
Institute	rear	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	methous	Evaluations	Evaluations	Salety	Outcomes	Investigation	Education	Development	Other
		Surgery Tutor – An Open Source Platform																
		for Assessment of Technical Proficiency:	Poster															
Queen's University	AEI2018	A Validation Study in a Simulated Setting	Presentation	no	no	Caitlin	Yeo	MD			Х							
		Comparing reverse half-hitch alternating																-
		post surgical knots and square knots for																
Queente University, Cabaal of		closure of enterotomy in a simulated deep																
Queen's University, School of Medicine	AEI2019	body cavity: A Randomized Controlled	Original Paper	ves	no	Edward	Sykes	PhD		х								
Medicine	AEIZUI9	Simulation Based Training in High		yes	no	Euwaiu	Sykes	FIID		~								
		Risk/Low Frequency Situations: A Case																
Riverside Methodist Hospital	AEI2012	Presentation	Descriptive	no	no	Benjamin	Radcliffe	MD	Х	Х	Х	Х	Х	Х				
		Efficacy of Simulation-Based Training for																-
		Laparoscopic Intraoperative	Innovative															
Riverside Methodist Hospital	AEI2018	Cholangiography	Techniques	no	no	Tyler	Sbrocchi	MD	Х	Х								
		Utilization of Operating Room Simulation to Enhance Surgical Resident																
		Participation in the Surgical Timeout																
Riverside Surgical Associates	AEI2013	Checklists	Original	no	no	Edward	Dominguez	MD	х	х	х		х					
	ALIZOIO	Effects of a Surgical Simulation Course on		110	no	Lawara	Dominguez	in D	Λ	~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~					
		Undergraduate Surgical Clerkship																
Rocky Vista University	AEI2017	Performance	Original	no	no	Michael	Tieman	MD, FACS										
Rocky Vista University School of		Immersion Training in Simulation Brings																
Medicine	AEI2014	Hyper-Realism to Training	Original	yes	no	Anthony	LaPorta	MD, FACS	Х	Х	Х	Х	Х	Х				
		The Correlation of Salivary Cortisol and																
Rocky Vista University School of		Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and																
Medicine	AEI2015	Medical Student Training	Original	yes	no	Anthony	LaPorta	MD, FACS	х	х	х	х						
	712010	Effect of Team Training on Resuscitation	onginai	yoo		, and only	Lui orta		~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		1				
		Times and Critical Errors in Simulated																
		Trauma Following Shipboard Surgical																
Rocky Vista University School of		Trauma Training (S2T2)																
Medicine	AEI2016	Curriculum—Cumulative Data	Original	no	no	Ross	Mullinax	MD										
Rocky Vista University School of		Measuring the Tools of the Future: How																
Mediicne	AEI2016	Will We Tell the Effectiveness of Training	Original	ves	no	Anthony	LaPorta	MD. FACS	х		х	х	х					
	71212010	Modernizing educational paradigms by	original	,		, and long	Lui orta		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~						
		integrating surgical simulation across	Poster															
Rush University Medical Center	AEI2018	surgical specialties	Presentation	no	no	Nicole	Siparsky	MD	Х									
		Simulation-based Training for Safety			1													
Buch University Medical Conten		Incidents: Lessons from Analysis of	Work in															
Rush University Medical Center (University of Chicago)	AEI2015	Adverse Events in Robotic Surgical Systems	Progress	yes	no	Jaishankar	Raman	MD	x	х			х					
	AEIZ015	Development of In-Situ Simulation Lab for	Flogless	yes	no	Jaishahkai	Naman	MD	~	~			~					
		Training Gynecology Residents in Basic			1										1			
San Antonio Military Medical		Laparoscopic and Hysteroscopic																
Center	AEI2017	Operative Skills	Descriptive	no	no	Maria	Molina	MD	Х	Х								
		Development of a sustainable simulation-																
		based training curriculum in a community-			1										1			
Sinai Hospital of Baltimore	AEI2018	based teaching program: scenarios, benefits, and implications.	Poster Presentation	1/22		Vanita	Ahuia	MD, MPH, MBA		х			х					
	AEIZU 18	The Anatomy of Bronchoscopy	Fresentation	yes	no	Vanita	Anuja	IVIDA		^			^					
		Simulation: Enhancing Experiential			1													
SiTEL's Clinical Simulation Center		Learning through Embedded Research	Work in		1													
of MedStar Health	AEI2012	Algorithms (EMA)	Progress	no	no	Robert	Hafey	BS	Х	Х	Х	х	Х					
SiTEL's Clinical Simulation Center	-		-							I .								
of MedStar Health	AEI2013	Learning to round before rounds	Descriptive	no	no	William	Yi	MD	Х	Х	Х							

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	Abstract		Type of	Multi- Institutional	Manuscrip Published	t			Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods		Evaluations		-	Investigation	Education	Development	Other
		Developing a Proficiency-Based Virtual		1											J			
		Reality Technical Skills Training																
St. Michael's Hospital/University		curriculum for Laparoscopic Colorectal																
of Toronto	AEI2011		Original	yes	no	Vanessa	Palter	MD	Х									
St Michael's Heepitel/University		Crew resource management training in																
St. Michael's Hospital/University of Toronto	AEI2013	surgical residency programs: A survey of North American program directors	Original	no	no	Nicholas	Dedy	MD	х	х		x						
			Original	110	110	NICIOIAS	Dedy	MD	~	~								
		Introduction of a Comprehensive Training																
St. Michael's Hospital/University		Curriculum in Laparoscopic Surgery for																
of Toronto	AEI2013	Medical Students: a Randomized Trial.	Original	no	yes	Nada	Gawad	HBSc	Х	Х	Х			Х				
		A novel approach to the resident skills																
		curriculum: modules on rare and common																
Chanfand Madiaal Cantan	4510044	procedures linked together with simulators	S Onininal			X. dia	7-1		х	х	х							
Stanford Medical Center	AEI2011	created by the learner. Student Perceptions of a Simulation-	Original	no	no	Yulia	Zak	MD	^	^	~							
		Based Surgery Clerkship Flipped																
Stanford University	AEI2015	Classroom	Original	no	yes	Cara	Liebert	MD	х	х		х	х					
	7 12010	Faculty perceptions of barriers to	original		,	oulu	2.00011		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~			~					
		completing surgical resident																
		assessments: A multi-institutional																
Stanford University	AEI2016		Original	no	no	Laura	Mazer	MD			Х	Х						
		Intensive, Integrated Pre-clinical Surgical																
		Immersion Curriculum for Early Exposure																
Stanford University	AEI2017		Progress	no	no	Brittany	Hasty	MD	Х		Х							
		Medical Student Perception and Confidence in Informed Consent, A Core																
Stanford University	AEI2019		Original Paper	no	yes	Tiffanv	Anderson	MD	х									
	AEIZ019	Use of Sensors to Quantify Procedural	Original Taper	no	yes	Tillally	Anderson	NID	~									
		Idle Time: Validity Evidence for a New																
Stanford University	AEI2019		Original Paper	yes	yes	Kenneth	Perrone	MD			Х							
		Experienced Surgeons Versus Novice																-
		Residents: Validating a Novel Knot Tying																Validation of a
Tel Aviv University	AEI2019		Presentation	yes	yes	Roi	Anteby	BS									l l	novel simulator
		Can surgical skills training of novice																
		medical students in the laboratory improve their technical skill and																
Temple University Hospital	AEI2009		Original	no	no	Harsh	Grewal	MD. FACS							х			
	7 12000	Introducing team training and crisis	J		110	Tharon	Cional								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
		management in the surgical residency																
Temple University Hospital	AEI2009	program.	NA	no	no	Harsh	Grewal	MD, FACS								Х		
· · ·		Relevance of various components of																-
Temple University Hospital	AEI2009		NA	no	no	Irene	Yang								Х			
		An Evaluation of the Usefulness of the																
		Standardized Patient Methodology in the																
Texas A&M / Scott and White	AEI2009	Assessment of Surgery Residents' Communication and Professionalism	Work in Progress	no		Mahaan	Shahahang	MD, PhD									х	
Texas Adivi / Scott and White	AE12009	Interprofessional Education: Simulation-	Progress	no	no	Mohsen	Shabahang	ND, PHD									^	
Texas A&M / Scott and White	AEI2009		Descriptive	no	no	Rebecca	Wiatrek	MD								х		
	7.2.2000	Residents' Perspectives on the Value of				liceboood	That on									~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
		Simulation in a General Surgery																
Texas A&M / Scott and White	AEI2011		Original	yes	yes	Hania	Wehbe-Janek	PhD			Х	Х						
		Interprofessional Education: Simulation-																
Texas A&M / Scott and White	AEI2012		Descriptive	yes	no	J. Scott	Thomas	MD, FACS	Х		ļ	Х						
		Feasibility of a Simulation-Based Elective]	1						
The Ohio State University Medical	A E 10040	in Robotic and Minimally Invasive Surgery				Sanhi-	Deborts	BC	х			1						
Center The Ohio State University Wexner	AEI2019	for Medical Students A Robotic Surgical Curriculum for Chief	Presentation Poster	no	no	Sophia	Roberts	BS	^									
Medical Center		Resident Exposure and Experience	Presentation	no	no	Michael	Meara Pag	e 16, FACS	х	х		х						
		Resident Exposure and Experience	i rescritation	ΠU	10	INICIACI	Inical a	ND, PACO	^	^	1	^	1	1	1		1	

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Institute	Year	Abstract Title	Type of Abstract	Study		First Name	Last Name	Credentials	Development	Methods		Evaluations		-	Investigation	Education	Development	Other
	i cui	The Development and Implementation of	Abstract	olddy	In ourgery	Thornanic	Lust Nume	orecenticats	Development	Methoda	Evaluations	Evaluations	Galety	Outcomes	Investigation	Luucation	Development	
		a Simulation-based Curriculum to Teach																
Thomas Jefferson University	AEI2010	Interns Invasive Skills	Original	no	no	Carmen	Sultana	MD, FACS	Х	Х	Х	х						
		The Use of Simulation Hybrids in Skills	Ű			-												
Thomas Jefferson University	AEI2010	Teaching and Assessment	Descriptive	no	no	Katherine	Berg	MD	Х	Х	Х							
		When Do Physicians Learn Invasive																
Thomas Jefferson University	AEI2010	Clinical Skills?	Original	no	no	Katherine	Berg	MD			Х	Х						
The second		A Curriculum Using Simulation to Teach	Description					MB	v									
Thomas Jefferson University	AEI2011	Interns Paracentesis A Simulation Assessment Tool for Tubal	Descriptive Work in	no	no	Katherine	Berg	MD	Х									
Thomas Jefferson University	AEI2011	Ligation	Progress	no	no	Carmen	Sultana	MD	х	х	х							
Thomas benefacility	ALIZUTT	Are Medical Students Being Taught	T TOGICOS	10	110	Carmen	Sultana		Λ	~								
Thomas Jefferson University	AEI2011	Invasive Skills Using Simulation?	Descriptive	no	no	Katherine	Berg	MD	Х	Х	Х							
		- 5					, j											
		Integration of Procedural Skills Simulation	1															
		and Just In Time Training into an	Work in															
Thomas Jefferson University	AEI2011	Advanced Physical Diagnosis Program	Progress	no	no	Edward	Jasper	MD	Х	Х	Х		Х					
		Development of a Disaster Preparedness	Destan															
Thomas Jefferson University	AEI2018	Interprofessional Education (IPE) Program for Health Profession Students	Presentation	no	no	Edward	Jasper	MD, MPH	х									
Thomas Sellerson Oniversity	AEIZUTO	Reconstruction of Marginal Mandibular	Tresentation	10	110	Euwaru	Jaspei		~	1								
		Defects Utilizing Bone Marrow Aspirate																
Thomas Jefferson University		Concentrate from the Anterior Iliac Crest:	Poster															
Hospital	AEI2019	A Less Morbid Osteogenic Option	Presentation	no	no	Shachika	Khanna	BDS, DMD						Х				
		The American College of Surgeons /																-
		Association of Program Directors in																
		Surgery National Skills Curriculum:																
Talana University Ocharda (Adoption Rate, Challenges and Strategies						MD. MHPE.										
Tulane University School of Medicine	4512012	for Effective Implementation into Surgical	Original	20		lamaa	Korndorffer, Jr.	MD, MHPE, FACS			х	х						
Medicine	AEIZUIZ	Residency Programs Effectiveness of Systems Changes	Original	no	yes	James	Komuomer, Jr.	FACS		ł	^	^			+		+ +	
Tulane University School of		Suggested by Simulation of Adverse																
Medicine	AEI2014	Surgical Outcomes	Original	no	no	Meghan	Garstka	MD, MS		Х		х	Х					
			Ű			Ŭ												
		Endovascular Procedure Simulation as an																
UC Davis	AEI2010	Assessment Tool for Vascular Surgeons	Non-AEI	yes	no	David	Dawson	MD, FACS			Х							
		Successful Implementation and																
	AEI2017	Improvements Identified with in-situ	Work in			Dahart	Deiner	MD					х					
UC Davis	AEI2017	Simulated Resuscitation Cases Four-Year Curriculum for Urology	Progress	no	no	Robert	Doiron	MD, FRCSC,					^					
UC Irvine	AEI2008	Residency Training	NA	no	no	Elspeth	McDougall	MHPE	х									
	71212000	Long-term Impact of the Robot Assisted		110	110	Liopour	MoDougun			1					1			
		Laparoscopic Prostatectomy Mini-																
		Residency Training on Post-Graduate																
UC Irvine	AEI2008	Urologic Practice Patterns	NA	no	no	Michael	Louie	MD				Х		Х				
		Developing A Performance Assessment															I T	
	4 510000	Device for the Laparoscopic				E 1		MD, FRCSC,										
UC Irvine	AEI2009	Transperitoneal Nephrectomy Procedure	NA	yes	no	Elspeth	McDougall	MHPE							Х			
		Longterm Impact of a Laparoscopic Renal																
		Surgery Mini-Fellowship on Postgraduate						MD, FRCSC,										
UC Irvine	AEI2009	Urologic Practice Patterns.	NA	no	no	Elspeth	McDougall	MHPE							х			
			1			1			1	İ					1			
		How Well do Dynamic Models of													1			
UCLA School of Medicine / The		Teamwork in Surgical Simulations Reflect																urgical
Learning C	AEI2019	those of Live Patient Encounters?	Presentation	yes	no	Ronald	Stevens	PhD									R	Research

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Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	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																
UIC	AEI2014	Answer to an Ancient Dilemma	Original	no	no	Antonio	Gangemi	MD, FACS		Х	Х	Х						
		Preliminary results of our simulation-																
		based experience on the management of																
		"blue codes" and emergent open																
UIC	AEI2015	conversion in the robotic operating room	Original	no	no	Antonio	Gangemi	MD	Х	Х		Х	Х					
		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-																
UIC	AEI2015	based curriculum	Original	no	no	Antonio	Gangemi	MD	Х	Х	Х	Х		Х				
		What would be the Role of Haptics if																
UIC	AEI2015	Incorporated in Robotic Surgery?	Original	no	no	Cristian	Luciano	PhD	Х	Х	Х			Х				
		Does Musical Instrument Experience																
		Correlate With Higher Performance On																
UIC	AEI2016	The Robot Simulator?	Original	no	no	Antonio	Gangemi	MD, FACS			Х	Х						
		Validation and A New Pump for the "Live																
		Cadaver" Exercise for Improving Trauma						MD, FACS,										
UIC	AEI2016	Team Training	Original	no	no	Richard	Pearl	FRCS										
		Ultrasound guidance training	Poster															
UIC	AEI2018	enhancement using Instrument tracking	Presentation	no	no	Nihar	Sheth			Х								
		Immersion Team Training In Realistic																
United States Medical Corps.		Environment Improves Performance In																
(Naval Medical Center San Diego	AEI2015		Original	no	yes	Kris	Siriratsivawong	MD	Х	Х	Х	Х	Х					
		Simulated Trauma and Procedural																
		Training in a Collaborative Human																
		Cadaver Lab Integrating Emergency																
		Medicine and General Surgery Residents:																
University of Illinois, Peoria	AEI2017		Original	yes	no	Joe	Esparaz	MD		Х								
		Modeling Operative Thinking in a																
		Simulation-Based Continuing Medical																
		Education Course on Laparoscopic Hernia																
University of Wisconsin	AEI2017	Repair	Original	no	no	Andrew	Ruis	PhD		Х								
		Deconstructing Laparoscopic																
		Competence in a Virtual Reality																
University of Athens	AEI2010	Simulation Environment	Original	no	yes	Costas	Loukas	PhD			Х	Х						
		Evaluating the Effectiveness of Virtual																
		Reality Simulation Training in Intravenous				_												
University of Athens	AEI2010	Cannulation	Original	no	no	Costas	Loukas	PhD	Х	Х	Х			Х				
		A Comparison Study of Basic Skills																
		Acquisition with Virtual Reality and	<u></u>						N/	v	N/		v					
University of Athens	AEI2011	Physical Reality Simulation Training	Original	no	no	Constantinos	Loukas	PhD	Х	Х	Х		Х					
		The Relative Contribution of Mixed																
		Training in the Acquisition of Advanced	<u></u>			a <i>i</i>				v								
University of Athens	AEI2013	Laparoscopic Skills	Original	no	no	Costas	Loukas	PhD	ł	Х				1	↓			
		Fire Come Observation Affairs Design		1						1								
University of Calgary (University	A E1004 5	Eye-Gaze Strategies Affect Performance	Original			luction	LoBlong		v	v	v							
of Toronto)	AEI2015	on Arthroscopic Simulators	Original	yes	no	Justin	LeBlanc	MD, FRCSC	Х	Х	Х	}			├ ───┤			
University of Colifornia David	4 5100 40	Development of a Breast Abscess	Innovative					MD		1								
University of California, Davis	AEI2019	Management Curriculum	Techniques	no	no	Amanda	Phares	MD	Х	ł	l	ł – – – – – – – – – – – – – – – – – – –		+	├ ───┤			
		Should the American Board of Surgery		1						1								
Liniversity of Colifernia		(ABS) Require Ultrasound Education	Destar							1								
University of California,	10040	Program for General Surgery	Poster			laha	Agonion	MD, FACS,	x	1								
Riverside/RUHS	AEI2018	Certification?	Presentation	no	no	John	Agapian	FCCM	Λ									

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	A la a fue a f		Turne of	Multi-	Manuscript				Council a colorest	Teeching		Descenter	Detiont	Cumulant			1	
Institute	Abstract Year	Abstract Title	Type of Abstract	Institutional Study		First Name	Last Name	Credentials	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	Development	Other
institute	i cai		Abstract	olddy	In ourgery	i ii st iidine	Last Name	oreactitudas	Development	Methoda	Evaluations	Evaluations	Ourety	Outcomes	Investigation	Education	Development	Other
		Introduction of VR Simulation Based																
		National Training Course on Neurosurgery	(
		at Congress of Neurological Surgeons																
University of Chicago	AEI2013	(CNS): Preliminary Results	Research Idea	no	no	Ben	Roitberg	MD	Х	Х	Х	Х		Х				
		Physician Perception of Frailty and Role	Work in															
University of Chicago	AEI2013	in Surgical Risk Assessment	Progress	no	no	Mark	Ferguson	MD	Х									
		Pilot Study Using Virtual Reality Simulation to Create a Novel Objective																
		Test Battery of Sensory-motor Skills in	Work in															
University of Chicago	AEI2013	Candidates for a Surgical Residency.	Progress	no	no	Ben	Roitberg	MD	х	Х	х							
	71212010	A Model Curriculum of Immersive			110	2011	rtentserg			~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
		Simulation of Airway Emergencies to																
		Enhance Professionalism in Resident	Work in															
University of Chicago	AEI2014	Education	Progress	no	no	Angela	Blood	MPH, MBA	Х	Х	Х							
		Innovations In 3D Modeling And Surgical	Work in			0.					V	V	v					
University of Chicago	AEI2016	Planning In General Surgery	Progress	no	no	Ciro	Andolfi	MD			Х	Х	Х					
University of Chicago	AEI2017	A novel platform for simulation in transanal robotic surgery	Descriptive	no	no	Ciro	Andolfi	MD	x									
	ALIZUTI	Challenges for Maintaining	Descriptive	10	110	0110	Andoin	MD	Λ									
		Professionalism When Faced with Patient																
		Discrimination and Harassment by	Innovative															
University of Chicago Medicine	AEI2018	Patients/Caregivers	Techniques	no	no	Melissa	Cappaert	MA	Х									
																		Surgeon-
		Towards Surgeon-Authored VR Training:	Poster				. ·			v								Authored VR
University of Florida	AEI2018	the Authoring Interface The Use of Virtual Humans to Assess	Presentation	yes	no	George	Sarosi	MD		Х								Training
		Surgeon Communication Skills in a																
University of Florida - Jacksonvill	le AEI2019	Simulated Laparotomy.	Original Paper	no	no	David	Lind	MD					Х					
		The Use of Virtual Humans in a Simulated	Innovative															
University of Florida, Jacksonville	e AEI2018	OR for Surgical Education	Techniques	yes	no	Josue	Menard	MD	Х									
		Sepsis Training using Interactive Virtual																
University of Illinois-Urbana	AEI2017	Reality (IVR)	Original	yes	no	Naveen Kuma	r Sankaran	MS	Х	Х	Х	Х						
Liniversity of lower Contenter		Implementation of Institution-wide Central	Destan															
University of Iowa Center for Procedural Skills and Simulation	AEI2018	Venus Catheter Insertion Certification	Poster Presentation	no		Julie	Hartman	DC, MS					х					
	AEIZU IO	Bridging the Gap between Acute Care	Fresentation	no	no	Julie	naruman	DC, 1V13		ł	-		^	ł				
		Surgeons and Endovascular Techniques:																
		Simulation Training for Resuscitative																
		Endovascular Balloon Occlusion of the						MD, MS,										
University of Maryland	AEI2017	Aorta (REBOA)	Original	yes	no	Megan	Brenner	FACS										
		Automated and Centralized Simulation									X							
University of Michigan	AEI2008	Data Repository	NA	no	no	Woojin	Shim				Х							
		Proficiency – Targeted Simulation Training of Novice Surgeons Results in					1											
		Improved Laparoscopic Skills Measured																
University of Michigan	AEI2008	in the Operating Room	NA	no	no	Paul	Gauger	MD						Х				
, j			1				Ť	EdD, MFA,	1	İ				İ	1			
University of Michigan	AEI2009	Healthcare Teams Typology	NA	no	no	Pamela	Andreatta	MA								Х		
Linite mathematical Statistics		The Impact of Stress Factors in			l .	D	A	EdD, MFA,							~			
University of Michigan	AEI2009	Simulation-based Laparoscopic Training" A low cost simulator to reduce global	NA	no	yes	Pamela	Andreatta	MA		ļ	 				Х			
University of Michigan	AEI2010	rates of maternal mortality	Original	no	no	l.	Perosky		x	х			х					
		Simulation-based mock code curriculum		10	10	<u> </u>	i crosky		~	~			~					
		correlates with increased pediatric CPA					1	EdD, MFA,										
University of Michigan	AEI2010	survival rates	Original	no	no	Pamela	Andreatta	MA	Х	Х		Х	Х	Х	1			
-	·	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

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

nnovano roomiquoo, ongi		oster Presentation (2018-Current)							Categories of									
				Multi-	Manuscript				Research									
	Abstract		Type of	Institutional					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Simulation-based training improves																
University of Michigan	4510040	applied clinical placement of ultra-sound quided PICCs	Original			Demole	A malana atta	EdD, MFA, MA		х	х		x					
Oniversity of Michigan	AEI2010	Interdisciplinary team training identified	Onginal	no	no	Pamela	Andreatta	IVIA		^	^	-	^	1	-			
		significant discrepancies between																
University of Michigan	AEI2011	institutional policies and clinical practice	Descriptive	no	no	Pamela	Andreatta	PhD				Х	Х					
		Interdisciplinary team training led to																
		successful management of a rare																
University of Michigan	AEI2011	Obstetric emergency	Original	no	no	Pamela	Andreatta	PhD		Х		Х	Х	Х				
		Low-Hanging Fruit: Using Clementines for																
University of Michigan	AEI2011	laparoscopic surgery training in gynecological oncology	Original	no	no	Pamela	Andreatta	PhD	x	х	х		x	х				
Oniversity of Michigan	AEIZUTT	Simulator leads to clinical practice	Oligiliai	no	no	Pameia	Andreatta	FIID	^	^	^		^	^	-			
		changes for bimanual uterine																
University of Michigan	AEI2011	compression to control	Descriptive	no	no	Pamela	Andreatta	PhD		х		Х						
		Sticky Situations: Using foam stickers for																
		precision and tissue handling in																
University of Michigan	AEI2011	laparoscopic training	Original	no	no	Pamela	Andreatta	PhD	Х	Х	Х							
		Filling a void: Developing standard																
		subjective assessment tool for surgical simulation through systematic review of																
University of Michigan	AEI2013	current practices	Original	no	yes	F. Jacob	Seagull	PhD		х	х							
Oniversity of Michigan	AL12013	Fundamentals of Laparoscopic Surgery	Oliginal	ΠO	yes	I.Jacob	Jeagui			~	~							
		Manual Test: Is videotaped performance	Work in															
University of Michigan	AEI2013		Progress	no	no	Deborah	Rooney	PhD	Х		Х	Х						
		A Video-based Method for Assessing																-
		Proctors' Scoring of the Fundamentals of																
		Laparoscopic Surgery (FLS) Manual Skills					_				N/	X						
University of Michigan	AEI2014		Original	no	no	Deborah	Rooney	PhD	-		Х	Х			-			
		A Simulator and two tools: Validation of performance measures from a novel																
		neurosurgery simulator using the current																
University of Michigan	AEI2015	Standards framework	Descriptive	no	yes	Deborah	Rooney	PhD	Х	Х	х		х	х				
		Evaluation of a Multispecialty, Self-			,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
		Directed, Simulation-based Learning																
University of Michigan	AEI2016	Program	Original	no	no	Deborah	Rooney	PhD			Х	Х						
		AEI best practices: A review of 2011 to																
University of Michigan	AEI2017	present Value-based Simulator Selection: The	Original	yes	yes	James	Cooke	MD										
		Creation and Evaluation of the Simulator																
University of Michigan	AEI2017	-	Original	yes	yes	Deborah	Rooney	PhD										
enterenty et menigan	71212017	Development and Early Evaluation of a	ongina	,00	y00	Bobolali	. to only											
		Web-based Pediatric Craniofacial																
		Simulation Course Utilizing a 3D-Printed	Innovative															
University of Michigan	AEI2018	Surgical Simulator	Techniques	no	no	Chelsea	Reighard	MS	Х	Х		Х						
		Michigan Hip Curriculum: Early evaluation	1															
Liniversity of Michigan	AE10040	of a new curriculum for diagnosis of developmental hip dysplasia	Innovative	-		Doboroh	Booner	PhD	x									
University of Michigan	AEI2018	Cadaveric Model for Training and	Techniques	no	no	Deborah	Rooney		^	1		<u> </u>	<u> </u>	ł	<u> </u>		┟───┤	
		Assessment of Traumatic Wound																
University of Minnesota	AEI2015	Management and Hemorrhage	Original	no	no	Troy	Reihsen		Х	Х			Х	Х				
		· · · · ·								1		1			1			
		Comparing Mechanical Tissue Properties																
University of Minnesota	AEI2015		Original	no	no	Sneha	Somani	BS	Х	Х		Х		ļ				
		Surgical Skills Simulation Workshops																
University of Minnesota	AEI2015	Enhance the Effectiveness of Surgical Interest Groups	Descriptive	no	no	James	Harmon	MD, PhD	x	х								
University of Minnesola	AE12015	interest Oroups	Descriptive	10	10	James	Indimon	וויום, דוום	<u>^</u>	^	1	1	I		1			

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		ster Presentation (2018-Current)							Categories of Research									
				Multi-	Manuscript							_						
	Abstract		Type of	Institutional					Curriculum	Teaching	Learner	Program	Patient	-			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Crowdsourcing Unmet Needs in																
		Simulation-Based Education and																
University of Minnesota	AEI2016	Technology	Original	no	no	Cory	Schaffhausen	PhD										
		Defining and Simulating Needle Insertion																
University of Minnesota	AEI2016	Forces for Percutaneous Renal Access	Original	no	no	Lauren	Poniatowski	MS										
		Enhancing the realism of a surgical																
		simulation cadaver lab using intravascular																
University of Minnesota	AEI2016	pressurization technique	Original	no	no	Lauren	Poniatowski	MS										
		Interprofessional Collaboration Facilitates																
		Enhancements of a Preparation for																
University of Minnesota	AEI2016	Internship Curriculum	Original	no	no	Brent	Bauman	MD	Х		Х	Х						
		A Comprehensive Surgical Simulation																
		Laboratory Improves Student Preparation																
University of Minnesota	AEI2017	for Surgical Internship	Descriptive	no	no	Andrew	Sundin	MD	Х	Х	Х							
		Development of Amputation Training																
University of Minnesota	AEI2017		Original	no	no	Shumaila	Anwer	MS		Х	Х							
		Increasing survival of healthcare																
		personnel during an active shooter attack:																
		Establishing Face Validity of an																
	1		Work in					115	v									
University of Minnesota	AEI2017	teaching modality	Progress	no	no	Marcos	Molina	MD	Х		-				-			
		Multiple Simulation Modalities Enhanced																
Linius anity of Minanasata	AEI2017	a Preparation for Surgical Internship	Onininal			Durant	Deverser		х	х								
University of Minnesota	AEI2017	Point-of-care Bedside Ultrasound	Original	no	no	Brent	Bauman	MD	^	^								
		Training: Expansion within a Surgical																
University of Minnesota	AEI2017	Internship Preparation Curriculum	Descriptive	no	no	Victor	Vakayil	MB, BS	х	х	х	Х						
	ALIZOTI		Descriptive	110	110	VICIOI	vakayii	MB, BC	~	~	Λ	~						
		A Preclinical Cadaveric Evaluation of the																
			Poster															
University of Minnesota	AEI2018		Presentation	no	no	Zachary	Miller	BS					Х					
,,,	7.2.2010	Laparoscopic Repair of Perforated Peptic				Laonary							~~~~					
		Ulcers: A Low Fidelity Simulator and																
		Training Curriculum for Surgical Skill	Poster															
University of Minnesota	AEI2018	Development	Presentation	no	no	Kristen	Cox			Х								
		One's SIM trash is another's SIM treasure:					-											
		SimPortal experience in the building of a																
		percutaneous gastrostomy (PEG) skill	Poster															
University of Minnesota	AEI2018	trainer.	Presentation	no	no	Marcos	Molina	MD		Х								
																	L	Jsing
																		imulation for
		International Collaboration through	Poster														ir	nternational
University of Minnesota	AEI2019	Simulation in the Health Sciences	Presentation	yes	no	Erik	Norbie	BA									c	ollaboration
		Development of a Laparoscopic Trocar																
University of Minnesota Medical		Placement Simulation Model: A	Poster															Simulation
School	AEI2019	Preliminary Evaluation	Presentation	no	no	Edward	Walczak	BS	Х								N	lodel
		Development of a Tendon Repair	. .															
University of Minnesota Medical	1510040	Simulation Model: A Preliminary	Poster			rur	0.1	DC		х								
School University of Minnesota Medical	AEI2019	Evaluation	Presentation	yes	no	Jillian	Schommer	BS		^								
School	AE12010	Using Causal Models in Psychomotor Performance Assessment	Original Paper	20	20	Alex	Otto	BA	х	х	х							
	AE12019	The Role of Posture Assessment Tools in		no	no	Alex		DA		^	^						┼───┼	
University of Minnesota/Mayo		Identifying Trainees' Postures during			1													
Clinic	AEI2018	Surgical Simulation	Original Paper	yes	no	Christopher	Curry			Х	x							
		University of Minnesota PeriOperative		yes	10	Simstopher	Juny	+	1	~	~			1	1	1	<u>├</u>	
University of		Resource for Training and Learning			1													
Minnesota/SimPORTAL	AEI2008	(SimPORTAL)	NA	no	no	Robert	Sweet	MD, FACS		Х								
University of		A Novel 3D Video Telemedicine System		1		1		,	1		1	1		1		1		
Minnesota/SimPORTAL	AE12000		NA	no	no	Troy	Reihsen Pag	ge 21		1			1		1	Х		

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									Categories of Research									
				Multi-	Manuscript				Research									
	Abstract		Type of	Institutional	Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
University of		Critical Response Simulations: Works in																-
Minnesota/SimPORTAL	AEI2009	Progress	NA	no	no	Jeffrey	Chipman	MD, FACS								Х		
		A Hybrid 3-D VR/Physical Pelvis for																
University of		Training Surgically Relevant Anatomic																
Minnesota/SimPORTAL	AEI2011	Principles	Original	no	no	Erlan	Santos	MD	Х	Х	Х							
		The Surgical Simulation Fellowship																
		Program: Developing International																
University of	1 = 100 / /	Surgical Leaders in the Art and Sciences	Description						V	V		v						
Minnesota/SimPORTAL	AEI2011	of Simulation	Descriptive	no	no	Robert	Sweet	MD, FACS	X	Х		Х						
		Companies Circulators and Live tionus for																
Liniversity of		Comparing Simulators and Live tissue for life-saving hemorrhage and airway																
University of Minnesota/SimPORTAL	4512015	а а ,	Original			Dehart	Sweet	MD, FACS	x	х	Х							
WINNESOLA/SIMPORTAL	AEI2015	procedures: Evaluation of Critical Failures Simulation enhances surgery residents	Original	yes	no	Robert	Sweet	IVID, FACS	^	^	^							
		opinion on the importance of team																
University of Nice	AEI2012		Original	no	no	Jean	Breaud	MD, PhD		х		х	х					
		French language adaptation of the	Signal	10	110	Jean	Dieauu			^		^	^		+			
		O.S.A.T.S score for a technical skills :	1															
		methodology and preliminary results of																
University of Nice	AEI2013	the score adaptation	Research Idea	yes	no	Jean	Breaud	PhD			х							
	/ 1212010	Pediatric inguinal hernia tutorial using		<i>j</i>		ooun	Diodad				~							
		simulation. Development and validation of	:															
University of Nice	AEI2014	clinical and surgical models	Original	yes	no	Jean	Breaud	PhD	Х	Х	Х							
			Ű	ý														
		Variations in Procedure Time Based on																
University of Oklahoma	AEI2012	PGY Level of General Surgery Residents	Descriptive	yes	no	Jeremy	Johnson	MD	Х	Х	Х	Х		Х				
		Out of the OR and Before the Bench: How																
		to Prepare Surgical Residents for their																
		First Interaction with Attorneys																
University of Oklahoma HSC	AEI2017		Descriptive	no	no	Alessandra	Landmann	MD					Х					
		Development and implementation of a																
		clinical pathway approach to simulation-																
University of Pennsylvania	AEI2014	based training for foregut surgery	Original	no	no	Kiyoyuki	Miyasaka	MD	Х	Х		Х						
		From the Trauma Bay to the ICU: a novel																
		horizontal simulation curriculum for	o · · · ·			10 11			N/	N/	N/	X	v					
University of Pennsylvania	AEI2014	surgical residents	Original	no	no	Kiyoyuki	Miyasaka	MD	Х	Х	Х	Х	Х					
		Do Non-Technical Skills Improve with																
		Technical Skills Training? A Comparison of Non-Technical Skills Rating and																
		Operative Performance Rating in																
University of Pennsylvania	AEI2016	Simulation	Original	no	no	Rao	Raghavendra	MD	х		х	х						
	712010	Training Multidisciplinary Teams in	original	no	110	1100	Ragilavenara	in D	~		~	~						
University of Rochester Medical			Poster															
Center	AFI2019	Simulation Based Training	Presentation	no	no	Katherine	Jackson	MD	х	Х			х					
		The Educational Value of the da Vinci		110	110						1	1		1	1 1			
		Skills Simulator at a Regional Medical	Poster															
University of Tennessee	AEI2018		Presentation	no	no	Robert	Heidel	PhD			х							
· · · · · · · · · · · · · · · · · · ·	1	Emergency Medical Simulation Training	1	1		1		1	1	1	1	1	1				1	
University of Tennessee Knoxville	AEI2015		Original	no	no	Chelsea	Balderson	DDS, DNB	Х	Х	Х		Х					
		Impact of a Structured Training and	1	1	1	1			1	1	1		l	1				
		Assessment Curriculum (STAC) on the	Work in			1				1								
University of Toronto	AEI2009	Quality of Skill Acquisition in MIS	Progress	no	no	Neil	Orzech	MD									Х	
		A Comprehensive Curriculum for																
University of Toronto	AEI2010	Advanced Laparoscopic Skills	Original	no	no	Neal	Orzech	MD		Х	Х			Х				
		Non-Technical Skills Assessment in the																
University of Toronto	AEI2010	Post Operative Setting	Descriptive	no	no	Bharat	Sharma	MD			Х			Х				
		Orthopaedic boot camp: Examining the																
	L	effectiveness of an intensive surgical	1				- Por	19 22 -										
University of Toronto	AEI2010	skills course	Original	no	yes	Ranil	Sonnadara Pag	ም ₱ĥD, MSc	Х	Х	Х	Х		Х				

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Innovative Techniques, Original	r aper and r e								Categories of Research									
				Multi-	Manuscript													
	Abstract		Type of	Institutional	Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study	in Surgery	First Name	Last Name	Credentials	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		The innovative use of consensus																-
		methodology to develop a technical skills																
University of Toronto	AEI2010	evaluation tool.	Descriptive	no	no	Vanessa	Palter	MD	Х		Х							
		Assessing the Impact of Debriefing on																
University of Toronto	AEI2011	Mental Workload	Original	no	no	Bharat	Sharma	MD		Х	Х		Х					
		Design and Validation of a Model for																
		Training and Assessment of Procedural																
University of Toronto	AEI2011	Skills in Open Surgery	Original	yes	no	Neil	Rittenhouse	MHSc	Х	Х	Х			Х				
		Design and Validation of a Surgical Skills																
			Work in															
University of Toronto	AEI2011	en-Y Gastric Bypass	Progress	yes	no	Boris	Zevin	MD	Х		Х		Х					
I had a second sec		A comparison of self versus external	Description			- ·	_ .				v							
University of Toronto	AEI2012	assessment for technical tasks in surgery.		no	no	Boris	Zevin	MD			Х			-	-	-		
		Orthopaedic Boot Camp III: Examining the												1				
		efficacy of student-regulated learning												1				
University of Toronto		during an intensive laboratory-based surgical skills course	Original			Danil	Connodere	PhD	x	х	х			1		1		
	AEIZUIZ	Assessing Technical Competence in	Unginal	no	yes	Ranil	Sonnadara	PIID	^	^	^							
University of Toronto	AEI2014	Surgical Trainees: A Systematic Review	Original	yes	no	Peter	Szasz	MD		х	х	x		х				
	AE12014	Hazard Zones: For Focused Complex	Onginal	yes	110	Felei	SZASZ	ND		^	^	^		^	-	ł		
University of Toronto	AEI2014	Laparoscopic Surgical Skills Training	Original	no	no	Marisa	Louridas	MD	х	х			х					
	AL12014	Implementation and Evaluation of a	Oliginal	110	110	Ivialisa	Loundas		~	~			~			1		
		Comprehensive Simulation-Enhanced																
		Upper GI Training Curriculum in a Large																
		Academic General Surgery Residency																
University of Toronto	AEI2014	Training Program	Original	no	no	Boris	Zevin	MD	х	х	Х	Х						
	7 12 12 0 1 1	Identifying Learning Needs through	g						~	~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
		Analysis of Coaching Profiles in																
University of Toronto	AEI2015	Laparoscopic Bariatric Surgery	Original	no	no	Esther	Bonrath	MD	Х	Х	Х							
		Optimizing the selection of general	Č.			1												
University of Toronto	AEI2015	surgery residents: a national consensus	Original	yes	no	Marisa	Louridas	MD			Х							
		Characteristics in Response Rates for																
		Surveys Administered to Surgical																
University of Vermont	AEI2012	Residents	Original	no	yes	John	Yarger	MD	Х		Х	Х						
		Enhancing Interprofessional Collaboration																
		through Simulation-Based Team Training						MD, MS,										
University of Vermont	AEI2014	in Clinical Oncology	Original	no	no	Ted	James	FACS	Х	Х	Х	Х	Х					
		A Comparison of Rotation-Integration and																
			Work in					MB	v	v	v	V						
University of Vermont	AEI2017	Surgical Skills Curriculum	Progress	no	no	George	Ormond	MD	X	Х	Х	Х		-	-	-		
		Trauma Team Performance Training:																
		Development and Pilot of and Interprofessional Monthly Simulation on	Work in															
University of Vermont	4512017	the Trauma Service	Progress	20		Tasa	Aulet	MD	x									
	AEIZUT7	Faculty Retention Strategies at Institute	Flogless	no	no	Tess	Aulei	ND	^									
		for Simulation and Interprofessional																
University of Washington/ISIS	AEI2009	Studies (ISIS)	NA	no	no	Sara	Kim	PhD									х	
	AL12009	Methodologies for Establishing Validity in		110	110	Guia											~	
University of Washington/ISIS	AEI2009	Surgical Simulation Studies	NA	no	yes	Sara	Kim	PhD						1	х	1		
		Phantom-Based Curriculum for Basics of	1		,	24.4				1	1	1	t	1		1		
University of Washington/ISIS	AEI2009	Interventional Ultrasound	NA	no	no	Todd	Cannon									х		
,		Problem Based Learning (PBL) with	1	1	1.0	1	1	1	1	1	1	1	İ	1	1			
		Supplemental Interactive Medical						1						1		1		
University of Washington/ISIS	AEI2009	Multimedia (PBL-SIMM)	NA	no	no	Dayne	Mickelson	1						1		Х		
		Validity of Leak Pressure Testing for		1	1			1		l			İ	1		1		
University of Washington/ISIS	AEI2009	Bowel Anastomosis Quality	NA	no	no	Aaron	Jensen	MD	1	1		1			Х			

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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)

									Research									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods		-		-	Investigation	Education		Other
		A Novel Basic Open Technical Skills											Ĺ					
		Curriculum with Self- and Expert-																
University of Washington/ISIS	AEI2010	administered Assessment Tools	Descriptive	no	no	Andrew	Wright	MD, FACS	Х		Х	Х						
		Development and Implementation of a																
University of Washington/ISIS	AEI2010	System-Wide Central Venous Catheterization Curriculum	Descriptive	no	no	Andrew	Wright	MD, FACS	х	х		х	х					
University of Washington/1010	ALIZOTO	A Structured Self-Directed Basic Skills	Descriptive	110	110	Andrew	wingin	MD, I ACO	~	~		~						
		Curriculum for Novices Results in																
		Technical Performance Approaching that																
University of Washington/ISIS	AEI2011	of Intermediate-level Residents	Original	no	yes	Andrew	Wright	MD, FACS		Х	Х							
		Enterprise Deployment of a Simulation-																
University of Washington/ISIS	AEI2011	based Training and Management program for Central Venous Catheters	Original	no	no	Mika	Sinanan	MD, PhD	х				х	x				
oniversity of washington/iolo		Validation of a Novel Assessment Tool for		110	110	IVIIKa	Omanan	MD, THD	~				~	~				
University of Washington/ISIS	AEI2011	Central Venous Catheterization	Original	no	no	Andrew	Wright	MD, FACS	Х	Х	Х	Х	Х					
		Creating the Pre-Trained Novice: A																
		Structured Central Venous Catheterization				L .			N/		X							
University of Washington/ISIS	AEI2012	Curriculum Report on the First Consensus	Original	no	no	Edgar	Figuredo	MD	Х		Х			-				
		Conference on the Fundamentals of																
University of Washington/ISIS	AEI2012	Robotic Surgery: Outcome Measures	Original	yes	no	Richard	Satava, Jr.	MD, FACS	NA	NA	NA	NA	NA	NA				
, ,		Update on the Progress to Establish	Ŭ	, í			1 -											
		National and International Collaboration																
		on Curriculum Development - The ASSET							N/			N/						
University of Washington/ISIS	AEI2012	and FRS Experience	Descriptive	no	no	Richard	Satava, Jr.	MD, FACS	Х			Х		-				
		Development and assessment of a simulator for open abdominal procedures:																
University of Washington/ISIS	AEI2014	The DeepCAV	Original	no	no	Cameron	St. Hilaire			Х								
, ,		Worth a thousand words: Google Glass in																
University of Washington/ISIS	AEI2014	surgery	Descriptive	no	no	Gabriel	Wallace	MD		Х			Х	Х				
		Determination of Standardized Tasks and Assessment for a Simulation-Based																
University of Western Ontario	AEI2011	Curriculum in Arthroscopic Knee Surgery	Research Idea	a no	no	Marie-Eve	LeBel	MD, FRCSC	х	х								
	712011	Simulation-augmented training program			110		20201		~	~								
		for Off-Pump Coronary Artery Bypass																
		surgery: Developing and validating																
University of Western Ontario	AEI2011	performance assessments	Original	no	yes	Sayra	Cristancho	PhD	Х		Х			Х				
		Observational Learning During Simulation based Training In Arthroscopy: Is It Usefu						MD. MHPE.										
University of Western Ontario	AEI2015	To Novices?	Original	no	no	Marie-Eve	LeBel	FRCSC	х	х	х							
- <u>,</u>		Assessing the Validity and Reliability of	- J															
		Two GME Performance Assessment						MD, PhD,										
University of Wisconsin	AEI2013	Tools for CME	Original	yes	no	Carla	Pugh	FACS			Х							
Liniversity of Missensin	4510040	Using Video Motion Analysis to Quantify Technical Performance	Original			Carly	Claman	MD	х		х			x				
University of Wisconsin	AEI2013	Use of Error Analysis to Assess Resident	Original	yes	yes	Carly	Glarner	IVID	^		^			^				
University of Wisconsin	AEI2014	Performance	Original	no	ves	Anne-Lise	Maaq	MD		Х	х							
		Error Tolerance: A New Psychomotor	- J		,													
		Performance Metric in Laparoscopic				1			1									
University of Wisconsin	AEI2015		Original	no	no	Eran	Gwillim	MD		Х	Х		ļ					
		Using Epistemic Network Analysis to				1			1									
		Identify Targets for Educational Interventions in Trauma Team				1			1									
University of Wisconsin	AEI2017	Communication	Original	no	yes	Sarah	Sullivan	PhD	1		х							
					,				1				<u> </u>					
		Use of Innovative Approaches to Create a																Innovative
University of Wisconsin	AEI2018	Specialty Specific Urology Skills Program	Presentation	yes	no	Barbara	Lewis	MS, RN	Х									Techniques

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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)

									Research									
	Abstract		Type of	Multi- Institutional	Manuscript Published				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Institute	Year	Abstract Title	Abstract	Study		First Name	Last Name	Credentials	Development	Methods	Evaluations	-		-	Investigation	Education	Development	Other
		A Laboratory Model for	Poster					MD, FACS,					· · ·		<u> </u>			
University of Wisconsin	AEI2019	Ureteroneocystotomy	Presentation	no	no	Patrick	McKenna	FAAP	Х									
		Teaching Practicing Surgeons What Not																
		to Do: An Analysis of Instructor Coaching	D t															
	4510040	Fluidity During a Simulation Based CME	Poster			Mantha	Cadfrau			х								
University of Wisconsin, Madison	AEI2018	Course The Successful Integration of a Non-	Presentation	yes	yes	Martha	Godfrey	MD		^								
		Clinical Skills Curriculum into Surgery																
UPENN	AFI2018	Intern Boot Camp	Original Paper	no	no	Veronica	Zoghbi	MD		Х								
0. 2	712010	The Development and Implementation of	onginari apor	110	110	Voroniou	Lognor			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1							
		a Pressurized Cadaver Simulation																
USC	AEI2017	Curriculum	Descriptive	no	no	Michael	Minneti	BS	Х		Х							
		Computerizing the ATLS® Post-Test:																-
USF	AEI2016	Implications for Further Study	Original	no	no	Jenny	Guido	MD										
		Performance on a Physical Endoscopic																
		Simulation Platform Predicts Performance																
	4510047	on the Fundamentals of Endoscopic Surgery (FES) Manual Skills Exam	Original			Zashami	Taulan	DO	х		х							
USU	AEI2017	Assessment of the core competencies in	Original	yes	no	Zachary	Taylor	DO	^		^							
UT Center for Advanced Medical		general surgery residents: A single																
Simulation/UTMCK	AEI2010	institution experience	Non-AEI	no	no	Daniel	Alterman	MD			х	х		х				
UT Center for Advanced Medical		Development and Evaluation of an Open	NON-ALI	110	110	Daniel	Alternan	NID			X	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~				
Simulation/UTMCK	AEI2010	Aortic Aneurysm Repair Simulation	Non-AEI	no	no	Matt	Jones		Х	х	Х							
UT Center for Advanced Medical		The Process and Content of Biostatistical																
Simulation/UTMCK	AEI2013	Consultation within Simulation	Descriptive	no	no	Robert	Heidel	PhD		Х	Х	Х						
UT Center for Advanced Medical		Emergency Medical Simulation Training																
Simulation/UTMCK	AEI2014	for the General Dental Resident	Descriptive	no	no	Andrew	Young	DDS, DNB	Х	Х			Х					
		Maximizing Benefit: Five Strategies for																
UT Center for Advanced Medical	4 510044	Getting the Most from Your Survey	Description			Detrials	Devlary	DA	v			v						
Simulation/UTMCK	AEI2014	Assessment Instruments	Descriptive	no	no	Patrick	Barlow	BA	X			Х						
		Methods for Increasing the Internal Validity of Assessment in Simulation:																
		Lessons Learned in the Applied																
UT Center for Advanced Medical		Perioperative Surgical Simulation																
Simulation/UTMCK	AEI2014	Environment	Descriptive	no	no	Robert	Heidel	PhD	Х		Х	х						
		The Implementation of Surgical Crisis																
UT Center for Advanced Medical		Checklists in Perioperative Team																
Simulation/UTMCK	AEI2014	Simulation	Original	no	no	Paul	Huffstutter	MD, FACS		Х			Х	Х				
		Regional Collaboration for Technical																
UT Southwestern	AEI2008	Skills Training in Surgery Residencies	NA	no	no	Daniel	Scott	MD, FACS				Х			ļ			
		An examination of the "seductive details					1											
	4510045	effect" in acquisition and transfer of	Oniminal			A :	Candran	DED	х	х	х	х						
UT Southwestern	AEI2015	laparoscopic suturing skills Team-based Simulations for New	Original	yes	yes	Aimee	Gardner	PhD	X	Ă	×	~						
		Surgeons: Does Early and Often make a																
UT Southwestern	AEI2017	Difference?	Original	ves	ves	Kareem	AbdelFattah	MD	х									
				,	y03	. tarooni	, as don attain		~ ~									
		Assessing Quality and Resources During	Poster				1											
UT Southwestern	AEI2018	Campus-wide Simulation Integration	Presentation	no	no	Joshua	Weis	MD	Х									
		Do Great Teams Think Alike? An													T			
		Examination of Team Mental Models and																
UT Southwestern	AEI2016	their Impact on Team Performance	Original	no	yes	Aimee	Gardner	PhD										

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innovative recriniques, Original Pa	aper and P	oster Presentation (2018-Current)							Categories of									
									Research									
	A la a fue a f			Multi- Institutional	Manuscript				Current and uner	Teeching		Due anno 11	Detient	Cumula al			1	
Institute	Abstract Year	Abstract Title		Study		First Name	Last Name	Credentials	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomos	Invoctigation	Education	In- Development	Other
	leai	Designing and Evaluating an	Abstract	Study	in Surgery	Thistinaine	Last Name	Credentials	Development	Methous	Lvaluations	Lvaluations	Jalety	Outcomes	Investigation	Luucation	Development	Other
		Interpersonal and Communication Skills																
		Curriculum Incorporating ACGME General																
		Surgery Milestones: Opportunities and																
		Challenges in Simulation-Based	Work in															
UTCAMS	AEI2017		Progress	no	no	Paul	Huffstutter	MD. FACS	Х	Х	Х	Х						
		The Translation of Simulation-Based	<u>g</u>					,,										
1		Sharps Safety Education to Clinical	Work in															
UTCAMS	AEI2017	Surgical Practices	Progress	no	no	Melinda	Klar	RN		Х		Х	Х					
		Pilot Testing of a Simulation Based Model																
		for Suture Repair of Laparoscopic																
UTMB	AEI2016		Original	no	no	James	McClintic	MS			Х	Х						
		Unified Field Theory of Health Care																
UW-CREST	AEI2017		Descriptive	no	no	David	Hananel	BS										
		Competence-based Mastery Learning for				1	1											
1		Chest Tube Placement: A Study of																
UWSMPH	AEI2018		Original Paper	no	yes	Andrew	Velic	BS	Х	Х								
		Multiuse low-cost hematemesis	Poster			1.												
VA Pittsburgh Healthcare System	AEI2019		Presentation	no	no	Jorge	Lara-Gutierrez	MD										nnovation.
		Does Participation in Case-based Cadaver Labs that Include Both Meta-																
		cognitive and Technical Skills Correlate																
		with Trainees' Performance on Surgical	Poster															
Virginia Commonwealth University	AE12018		Presentation	no	no	Susan	Haynes	MS. MEd	х									
Virginia Commonwealth Oniversity		Development of a Basic Vascular Specific		no	no	Ousan	Tidyfica	MO, MEG	Λ									
VirtuOHSU	AE12009	Surgical Skills Laboratory	NA	no	no	Erica	Mitchell	MD, FACS							х			
	71212000	Lower Gastrointestinal Endoscopy		110	110	Liida	Wiltonion	1112, 17100							~~~~~			
		Simulation Training in a Surgical Skills																
VirtuOHSU	AEI2009		NA	no	no	Raphael	El Youssef	MBBS								Х		
		Use of a Colonoscopy Simulator to				· ·				1								
1		Improve the Learning Curve for General																
VirtuOHSU	AEI2009	Surgery Residents	NA	no	no	Raphael	El Youssef	MBBS									Х	
		The Current Educational Value of																
VirtuOHSU	AEI2010		Original	no	no	Erica	Mitchell	MD, FACS			Х	Х						
		The Creation of PGY Level Specific FLS																
		Proficiency Benchmarks Allows for																
		Longitudinal Tracking of Multiple General					a		v	v	V							
VirtuOHSU	AEI2015	Surgery Milestones Domains	Descriptive	no	no	Donn	Spight	MD, FACS	Х	Х	Х							
		Comparison of ELC Tools When Tools in				1												
		Comparison of FLS Tasks When Training on Standard FLS Platform Versus an				1												
Walter Reed/Uniformed Svc	ΔE12016	Ergonomically Different Platform	Original	no	no	Sarah	Haviland	BS			х	х						
Water Need/Onitornied 3VC		A Pilot Study on Real-Time Measures of	Unginai	10	110	Jaran		50			^	^					+ +	
Washington University School of		Surgical Motions in Minimally Invasive				1												
Medicine	AEI2011		Original	no	no	Michael	Awad	MD. PhD		Х	х							
measure		Effects of Sequential, Supervised						,	1						1		<u>├</u>	
		Simulation Training on the Acquisition and				1												
						1												
West Virginia University Hospitals	AEI2018	Skills	Techniques	no	no	Cara	Lyle	MD	Х	Х				Х				