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Type of	Abstract		Multi- Institutional	Manuscript Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Administrative Considerations																
Descriptive	AEI2009	When Implementing ACS Skills Curriculum	no	yes	Deborah	Rooney	PhD	Northwestern University							X			
Descriptive	AE12009	Interprofessional Education:	110	yes	Deboran	Rooney	FIID	Northwestern Onliversity							^			
		Simulation-based Mass Casualty																
Descriptive	AEI2009	Exercise	no	no	Rebecca	Wiatrek	MD	Texas A&M / Scott and White								X		
		A Navel Besis On as Taskaisel Okille																
		A Novel Basic Open Technical Skills Curriculum with Self- and Expert-	1															
Descriptive	AEI2010	administered Assessment Tools	no	no	Andrew	Wright	MD, FACS	University of Washington/ISIS	X		X	Х						
'		Development and Implementation of				g	, -											
		a System-Wide Central Venous							.,	.,		.,	.,					
Descriptive	AEI2010	Catheterization Curriculum  Non-Technical Skills Assessment in	no	no	Andrew	Wright	MD, FACS	University of Washington/ISIS	Х	Х		Χ	Х					
Descriptive	AEI2010	the Post Operative Setting	no	no	Bharat	Sharma	MD	University of Toronto			Х			Х				
2000p0	712010	The innovative use of consensus	110	110	Briarat	Charma	2	Charteredly or resemble						,,				
		methodology to develop a technical																
Descriptive	AEI2010	skills evaluation tool.	no	no	Vanessa	Palter	MD	University of Toronto	X		Х							
		The Use of Simulation Hybrids in																
Descriptive	AEI2010	Skills Teaching and Assessment	no	no	Katherine	Berg	MD	Thomas Jefferson University	X	Χ	X							
	. =	A Curriculum Using Simulation to							X									
Descriptive	AEI2011	Teach Interns Paracentesis Anatomy-focused videos to	no	no	Katherine	Berg	MD	Thomas Jefferson University										
Descriptive	AEI2011	supplement surgical curriculum	no	no	Anjali	Arora	MD	EVMS	X	Χ	X		Х	X				
		Are Medical Students Being Taught			ĺ													
Descriptive	AEI2011	Invasive Skills Using Simulation?	no	no	Katherine	Berg	MD	Thomas Jefferson University	X	Х	Х							
		Enlarging the Scope of ACS Accredited Education Institutes for																
Descriptive	AEI2011	Learners in Different Disciplines	no	no	Bin	Zheng	MD, PhD	CESEI	Х	Х								
2000p0	712.2011	Interdisciplinary team training			J	Lineing		0202.	,	,,								
		identified significant discrepancies																
D	4510044	between institutional policies and					DI- D	Links and the of Minks				V	V					
Descriptive	AEI2011	clinical practice Simulator leads to clinical practice	no	no	Pamela	Andreatta	PhD	University of Michigan				X	Х					
		changes for bimanual uterine																
Descriptive	AEI2011	compression to control	no	no	Pamela	Andreatta	PhD	University of Michigan		Χ		Χ						
		The Surgical Simulation Fellowship																
		Program: Developing International Surgical Leaders in the Art and						University of										
Descriptive	AFI2011	Sciences of Simulation	no	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL	Х	Χ		X						
2000p0	712.2011	A comparison of self versus external			1102011	0001		William Civity	,	,,								
		assessment for technical tasks in																
Descriptive	AEI2012	surgery.	no	no	Boris	Zevin	MD	University of Toronto			Х							
		Interprofessional Education: Simulation-based Mass Casualty																
Descriptive	AEI2012	Exercise	yes	no	J. Scott	Thomas	MD, FACS	Texas A&M / Scott and White	X			Х						
·		LVHN The Level II Accreditation	<b>1</b>															
Descriptive	AEI2012	Journey	no	no	Cathyann	Feher	RN, MSN	Lehigh Valley Health Network	X			Х						
		Nurse Training with Simulation: An																
		Innovative Approach to Teach						Penn State Hershey Medical										
Descriptive	AEI2012	Complex Microsurgery Patient Care	no	no	John	Potochny	MD, FACS	Center	X	Х		X						
·		Simulation Based Training in High																
Di4i	A E 10040	Risk/Low Frequency Situations: A			D i i	D - 4 - 1:# -	MD	Riverside Method Rate of Spital	X	X	X	Х	x	Х				
Descriptive	AEI2012	Case Presentation	no	no	Benjamin	Radcliffe	MD	Riverside Methodist#iospital	λ	Å		Λ	٨	٨		<u> </u>		

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			B.A 14:	Manusorint					Research									
Type of Abstract	Abstract Year	Abstract Title	Multi- Institutional Study	Manuscript Published in Surgery	First Name	Last Name	Credentials	Institute	Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In- Development	Other
Abotract	T	Update on the Progress to Establish	I	l	T II OT HUILIO	Laot Hamo			Bovolopinione	Iniotriodo	Lvaidationo	Lvaidationo	Culoty	Cutoomoo	invooligation	Luudutioii	Dovolopilioni	
		National and International Collaboration on Curriculum Development - The ASSET and																
Descriptive	AEI2012	FRS Experience	no	no	Richard	Satava, Jr.	MD, FACS	University of Washington/ISIS	X			X						
		Variations in Procedure Time Based on PGY Level of General Surgery							.,		,,	.,						
Descriptive	AEI2012	Residents Advanced Training in Laparoscopic	yes	no	Jeremy	Johnson	MD	University of Oklahoma	X	Х	Х	Х		Х				
Descriptive	AEI2013	Abdominal Surgery (ATLAS): a Systematic Review	ves	no	Laura	Beyer-Berjot	MD	Imperial College London/St. Mary's Hospital		X								
Воссирато	712.2010	An Interdisciplinary Boot Camp Where Interns and Nurses Learn	,,,,,	0	Laara	Doye. De.jet		many o moophan										
Descriptive	AEI2013	Together	no	no	Darlene	Bourgeois	MSN, RN	Lahey Health System	X	Х		X						
Descriptive	AEI2013	Learning to round before rounds	no	no	William	Yi	MD	SiTEL's Clinical Simulation Center of MedStar Health	Х	Х	Х							
		Preparing to Save a Life - Simulation Course for Penetrating Thoracic Trauma in a Low Volume																
Descriptive	AEI2013	Hospital	no	no	Dmitry	Nepomnayshy	MD, FACS	Lahey Health System	Х	Х	Х							
	7.2.20.0	Surgical Training: Design of a			y	i toponinajonj	,,,	Imperial College London/St.										
Descriptive	AEI2013	Virtual Care Pathway Approach	yes	yes	Laura	Beyer-Berjot	MD	Mary's Hospital	Х	Х			X	Х				
Descriptive	AEI2013	The Community as a Learner Group The Effects of the Addition of a	no	no	Cathyann	Feher	RN, MSN	Lehigh Valley Health Network				Х	Х					
		Pediatric Surgery Fellow on the Operative Experience of the						Oklahoma University Health										
Descriptive	AEI2013	General Surgery Resident	no	no	Alexander	Raines	MD	Sciences Center		Х		Х						
		The Process and Content of Biostatistical Consultation within						UT Center for Advanced			,,	.,						
Descriptive	AEI2013	Simulation Emergency Medical Simulation	no	no	Robert	Heidel	PhD	Medical Simulation/UTMCK		Х	Х	Х						
Descriptive	AEI2014	Training for the General Dental Resident	no	no	Andrew	Young	DDS, DNB	UT Center for Advanced Medical Simulation/UTMCK	X	X			Х					
		Maximizing Benefit: Five Strategies for Getting the Most from Your				Ţ,		UT Center for Advanced										
Descriptive	AEI2014	Survey Assessment Instruments	no	no	Patrick	Barlow	BA	Medical Simulation/UTMCK	Х			Х						
		Methods for Increasing the Internal Validity of Assessment in Simulation: Lessons Learned in the Applied Perioperative Surgical						UT Center for Advanced										
Descriptive	AFI2014	Simulation Environment	no	no	Robert	Heidel	PhD	Medical Simulation/UTMCK	X		Х	Χ						
Босоприто	74212011	Practicality of Using Galvanic Skin Response to Measure Intra- operative Physiological Autonomic		9	T to Zort	Troise.		The state of the s										
Descriptive	AEI2014	Activation in Operating Room Team Members	no	yes	Roy	Phitayakorn	MD, MEd	MGH		X	X		X					
		The Implementation of a Body Donation Program to Support Surgical Education at an Accredited		,		,	·						-					
Descriptive	AEI2014	Education Institute	no	no	Jirina	Truneckova	BS	Lahey Health System										
		The Relationship between Intra- operative Teamwork and Quality of							_			_			_			
Descriptive	AEI2014	Patient Care	no	yes	Roy	Phitayakorn	MD, MEd	MGH			Х	Х	Χ	Х				
Descriptive	AEI2014	Worth a thousand words: Google Glass in surgery	no	no	Gabriel	Wallace	MD	University of Washington/ISIS		Х			Х	Х				

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			Multi-	Manuscript					Research									
Type of	Abstract			Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations		Safety	Outcomes	Investigation	Education	Development	Other
		A Simulator and two tools:																
		Validation of performance measures																
		from a novel neurosurgery simulator																
Descriptive	ΛΕΙ201 <b>5</b>	using the current Standards framework	no	yes	Deborah	Rooney	PhD	University of Michigan	X	Х	X		Х	X				
Descriptive	ALIZUIJ	Hamework	110	yes	Deborari	Rooney	TIID	Oniversity of whoringan						^				
		Creating a Policy Development																
		Methodology Utilizing Simulation																
		and Implementation of an Operating																
Descriptive	AEI2015	Room Emergency Checklist	no	no	Theodore	Delmonico	MD	Lahey Health System					X					
		Pressurized Cadaver Flow Model (PCM): a Novel Model for						Navy Medical Center San										
Descriptive	AEI2015	Endovascular Surgical Training	ves	no	Joseph	Ayers	MD	Diego	X	Х								
Descriptive	ALIZOTO	Surgical Skills Simulation	yes	110	оозорп	rycis	IVID	Biege										
		Workshops Enhance the																
		Effectiveness of Surgical Interest																
Descriptive	AEI2015	Groups	no	no	James	Harmon	MD, PhD	University of Minnesota	X	Χ								
		Teaching Teamwork and Checklists																
		Through Live 'Simulations' in the OR with Intact Care Teams																
Descriptive	AEI2015	Improves Buy-In	no	no	Jason	Zigmont	PhD	OhioHealth		Χ	X	X	Х					
Bessiipiire	ALIZOTO	proved Buy	110		ouss	g	5	Cinci idami						t				
		The Creation of PGY Level Specific																
		FLS Proficiency Benchmarks Allows																
		for Longitudinal Tracking of Multiple																
Decementive	AEI2015	General Surgery Milestones			Dam.	Cmimba	MD, FACS	VirtuOHSU	x	Х	Х							
Descriptive	AEIZU15	Domains The Utility of Electronic Tablets in	no	no	Donn	Spight	MD, FACS	VIIIUOHSU	^	^	^							
Descriptive	AEI2015	ATLS Skills Evaluation	ves	no	Marie	Chotiner	ВА	CAMLS			X	X						
'		"Live Cadaver" A realistic training	,															
		model for practicing neurovascular																
		procedures. a Enhancing						Arkansas Neuroscience										
Descriptive	AEI2016	surgical skills A Flexible Platform for Building	no	no	Emad	Aboud	MD	Institute						1				
		Cumulative Milestone-Based																
Descriptive	AEI2016	Surgical Resident Portfolios	no	no	Avni	Khatri	BS	мдн	X		X	Х						
		Serving Up Your Service: How Can																
Descriptive	AEI2016		no	no	Becca	Gas	BS	Mayo Clinic Rochester	X		X	X						
		A Comprehensive Surgical																
		Simulation Laboratory Improves																
Descriptive	AEI2017	Student Preparation for Surgical Internship	no	no	Andrew	Sundin	MD	University of Minnesota	X	Х	Х							
Descriptive	AEIZU17	A novel platform for simulation in	110	110	Andrew	Surium	IVID	Offiversity of Militiesota	^		^			1				
Descriptive	AEI2017	transanal robotic surgery	no	no	Ciro	Andolfi	MD	University of Chicago	X									
·		Development of In-Situ Simulation																
		Lab for Training Gynecology																
	. = =	Residents in Basic Laparoscopic				l		San Antonio Military Medical	V	V								
Descriptive	AEI2017	and Hysteroscopic Operative Skills	no	no	Maria	Molina	MD	Center	Х	X								
		Out of the OR and Before the Bench: How to Prepare Surgical																
		Residents for their First Interaction																
		with Attorneys				1	1											
Descriptive	AEI2017		no	no	Alessandra	Landmann	MD	University of Oklahoma HSC					Χ					
		Point-of-care Bedside Ultrasound																
		Training: Expansion within a																
Doccrinting	AE12047	Surgical Internship Preparation Curriculum			Victor	Vokovil	MB, BS	University of Minnesota 3	Х	X	X	Х						
Descriptive	AEIZU1/	Cumculum	no	no	Victor	Vakayil	פם ,טועו	Oniversity of Millinesota	^	^	_ ^	^				l .		

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Team Based Simulation: Another																
		Tool to Teach Operating Room Fire					MD, MPH,	Lifebridge Health Sinal										
Descriptive	AEI2017	Safety	yes	no	Vanita	Ahuja	MBA	Hospital					Х					
		The Development and																
	. = =	Implementation of a Pressurized			l		D.O.		· ·		· · ·							
Descriptive	AEI2017	Cadaver Simulation Curriculum	no	no	Michael	Minneti	BS	USC	Х		Х							
D	4510047	Unified Field Theory of Health Care			<b>D</b>	l	DO	LIM ODEST										
Descriptive	AEI2017	Simulation	no	no	David	Hananel	BS	UW-CREST										
		Challenges for Maintaining																
l		Professionalism When Faced with						Habaaaita af Obiaa aa										
Innovative	A E 10040	Patient Discrimination and			Maliana	Cammaant	N4.0	University of Chicago	X									
Techniques	AEI2018	Harassment by Patients/Caregivers Development and Early Evaluation	no	no	Melissa	Cappaert	MA	Medicine	^		-							
		of a Web-based Pediatric																
		Craniofacial Simulation Course																
Innovative		Utilizing a 3D-Printed Surgical																
Techniques	AE12019	Simulator	no	no	Chelsea	Reighard	MS	University of Michigan	Х	Х		X						
recilliques	AEIZU 16	Development, Implementation, and	110	110	Crieisea	Reignaru	IVIO	Offiversity of Michigan	^	^		^						
		Evaluation of a Competency-Based																
		Urology Bootcamp for Training First-																
		year Urology Residents, A																
Innovative		Prospective Cohort Pilot Study with																
Techniques	ΛEI2019	Historical Controls	ves	no	Yudina	Wang	MD	McMaster University	Х									
recririques	ALIZUIO	I listorical Cortifols	yes	110	ruding	wang	IVID	Wiciwaster Offiversity	^									
		Effects of Sequential, Supervised																
		Simulation Training on the																
Innovative		Acquisition and Long-term						West Virginia University										
Techniques	ΔEI2018	Retention of Vascular Surgical Skills	no	no	Cara	Lyle	MD	Hospitals	Х	Х				Х				
rconniques	ALIZUIU	Efficacy of Simulation-Based	110	110	Cara	Lyle	IVID	riospitais										
Innovative		Training for Laparoscopic																
Techniques	ΔFI2018	Intraoperative Cholangiography	no	no	Tyler	Sbrocchi	MD	Riverside Methodist Hospital	X	X								
Toomingaoo	ALIZOTO	Michigan Hip Curriculum: Early	110	110	1 yici	ODIOCCIII	- IVID	Trivered Wiethediet Fleepital			-							
		evaluation of a new curriculum for																
Innovative		diagnosis of developmental hip																
Techniques	AFI2018	dysplasia	no	no	Deborah	Rooney	PhD	University of Michigan	X									
	7 12.20 10	The Use of a Virtual Reality Trauma			D o D o i di i				, ,									
Innovative		Simulation to Teach Team Roles						Banner University Medical										
Techniques	AEI2018	and Communication	ves	no	Amy	Sisley	MD	Center		X								
'		The Use of Virtual Humans in a			1													
Innovative		Simulated OR for Surgical						University of Florida,										
Techniques	AEI2018	Education	yes	no	Josue	Menard	MD	Jacksonville	Х									
,		Utilizing Brain Stimulation to																
		Enhance Laparoscopic Technical																
Innovative		Skills Training: A Randomized																
Techniques	AEI2018	Controlled Trial	yes	no	Morgan	Cox	MD, MHS	Duke University		X								
		Development and Evaluation of a			Ŭ			· ·										
		Low-Cost Sentinel Lymph Node																
Innovative		Model for Axillary Dissection and																
Techniques	AEI2019	Biopsy	no	no	Courtney	Backstrom	BS	Mayo Clinic Rochester		X								
Innovative		Development of a Breast Abscess																
Techniques	AEI2019	Management Curriculum	no	no	Amanda	Phares	MD	University of California, Davis	Х	1								
·		_	1			1		<u> </u>		1								Low cost
lanavativ-		Tanahina Dum Managanas t Haisa								1								simulator
Innovative	A E 100 40	Teaching Burn Management Using			A -:+		МБ	Objet to althe Lagrentine										
recnniques	AEI2019	a Low Cost Escharotomy Trainer	no	no	Asit	Misra	MD	OhioHealth Learning		Х								development

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		The Effects of Team Training																Patient
		Utilizing Simulation and Mindfulness																satisfaction
		on Colleague Engagement and																
Innovative		Patient Satisfaction in the					\ /·	, Lahey Hospital & Medical										and colleague
Techniques	AEI2019	Healthcare Setting	no	no	Darlene	Bourgeois	RN	Center										engagement
		Use of a Low Cost Task Trainer for																
		Emergency Department																Simulator
Innovative		Thoracotomy Training in a General																
Techniques	AEI2019	Surgery Residency Program.	no	no	Asit	Misra	MD	OhioHealth Learning		Х	X							Development
		A Multi-Disciplinary Approach to					MD, PhD,											
NA	AEI2008	Innovation in Surgical Education	no	no	Rajesh	Aggarwal	MA, FRCS	Imperial College London				Х						
	4.510000	Automated and Centralized				01.					V							
NA	AEI2008	Simulation Data Repository	no	no	Woojin	Shim		University of Michigan			Х							
NIA	4 E10000	Collaboration: Key to the Evolution			NA II -	A1	ריים	Duke University Medical		X								
NA	AEI2008	of Surgical Education	no	no	Marnelle	Alexis	EdD	Center		^								
		Enhancing a General Surgery Residency Curriculum through																
		Integration of an Online Content					MD, FAAP,	Penn State Hershey Medical										
NA	AEI2008	Management System	no	no	Andreas	Meier	FACS	Center	X									
INA	ALIZUUU	Four-Year Curriculum for Urology	110	110	Alluleas	Melei	MD, FRCSC,		^									
NA	AEI2008	Residency Training	no	no	Elspeth	McDougall	MHPE	UC Irvine	X									
	/ ILIZOOO	Imperial College Competency		110	Liopotii	MoDougun	MD, PhD,	00										
NA	AEI2008	Assessment Tool (ICCAT)	no	no	Rajesh	Aggarwal	MA, FRCS	Imperial College London				Х						
	7.2.2000	Implementation and Educational			r tajoo	7.gga	11111, 1, 11100	mperial conege zeriaen				, ,						
		Outcomes for a Central Line																
		Workshop Subtitle: A Simulation																
		Center and Procedural Skills Lab																
NA	AEI2008	Collaborative	no	no	William	Dunn	MD	Mayo Clinic Rochester				X						
		Long-term Impact of the Robot																
		Assisted Laparoscopic																
		Prostatectomy Mini-Residency																
		Training on Post-Graduate Urologic																
NA	AEI2008	Practice Patterns	no	no	Michael	Louie	MD	UC Irvine				X		X				
		LSUHSC-NO Expands Surgical																
		Education through Innovative																
NA	AEI2008	Developments and Collaborations	no	no	Sheila	Chauvin	MEd	LSUHSC-New Orleans		Χ								
		Proficiency – Targeted Simulation																
		Training of Novice Surgeons																
		Results in Improved Laparoscopic																
		Skills Measured in the Operating												.,				
NA	AEI2008	Room	no	no	Paul	Gauger	MD	University of Michigan						X				
		Regional Collaboration for Technical																
NIA.	4.510000	Skills Training in Surgery			<b>D</b>		MD EAGO	LIT Constitution of the same				V						
NA	AEI2008	Residencies Simulation Drives Our General	no	no	Daniel	Scott	MD, FACS	UT Southwestern				Х				1		
NA	AEI2008	Surgery Training Curriculum: A Work in Progress	no	no	David	Farley	MD, FACS	Mayo Clinic Rochester	×									
14/4	AEIZUU	WORK III FIOGIESS	110	110	David	raney	MD, PhD,	wayo Cililic Nocilestei	^									
NA	AEI2008	The Cognitive Side of Surgery	no	no	Carla	Pugh	FACS	Northwestern University			X							
NA	AEI2008	The MASTRI Center	no	no	Adrian	Park	MD	MASTRI				Х				1		
INA	AEIZUU	THE WASTRI CEILLEI	110	110	Auliali	FdIK	טועו	MISOLIKI				^						
		University of Minnesota																
		PeriOperative Resource for Training	J					University of										
NA	AEI2008	and Learning (SimPORTAL)	no	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL		Χ								
14/-1	/1L12000	and Loaning (Onlin OltriAL)	110	110	LYONELL	OWEEL	ואום, ז אטט	MINICOOLA/OINTI OTTAL	ll		1		1			1		

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Part				Multi-	Manuscript					Research									
Abstract First   Study   Surgery   Pirst Num   Surgery   Pirst N	Type of	Abstract				1				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
A Abbotic Not Strongware years   A Strongware years   A Abbotic Strongwa			Abstract Title				Last Name	Credentials	Institute		•					Investigation	Education		Other
Max			A Model for Strengthening Faculty	1						<u> </u>				-				<u> </u>	
No.																			
A EFFOOD   System for Schedulers   Property   Sys	NA	AEI2009		no	no	Debra	DaRosa	PhD									X		
No.																	V		
Management Currier An Exception   Control Service   Control Serv	NA	AEI2009		no	no	Troy	Reihsen		Minnesota/SimPORTAL								X		
Mathematics																			
NA								MD, MPH,											
ACCOUNT   Proceedings   April   Process   Pr	NA	AEI2009		no	no	Lenworth	Jacobs, Jr.		Hartford Hospital								X		
Developing A Performance   Accessment Developing A Performance   Accessment Developer of Turnipershared   yes   Development of Sasta Vascular   X																			
Accessment Device for the	NA	AEI2009		no	no	Jeffrey	Chipman	MD, FACS	Minnesota/SimPORTAL								X		
NA   AEDOO   Response   Temperature and   Yes   10   Deput   McDougat   MPF   Color   Virtual   No.   AEDOO   Service   Color   Colo																			
NA								MD EBCSC											
NA   A2000   Severite Surgerised Side Laboratory   No   Etica   Michael   MD, FACS   VirtuCHSU   No   No   Etica   Michael   MD, FACS   VirtuCHSU   No   No   No   Etica   Michael   MD, FACS   VirtuCHSU   No   No   No   No   No   No   No   N	NA	AFI2009		ves	no	Fleneth	McDougall		UC Irvine							×			
NA		/ ILIZOOO		,,,,	110	Liopotii	Wobougun		00										
NA   APE2000   Partial Review and Exponent	NA	AEI2009	Specific Surgical Skills Laboratory	no	no	Erica	Mitchell	MD, FACS	VirtuOHSU							X			
NA													-						
Extramal Review and Endorsement   Support of Subsense Plane for   Subsense Plane	l															V			
NA   AE2009   Simulation Centers   NA   Support of Business Plans for   NA   NA   NA   NA   NA   NA   NA   N	NA	AEI2009		no	no	Gladys	Fernandez	MD	Baystate Medical Center							Х			
NA   AE(2009   Simulation Centers   no   no   Gerald   Moses   PhD   NASTRI																			
Faculty Retertion Strategies at Institute of Simulation and Simulation and Part Simulation American Simulation Simulation American Simulation American Simulation Simulation American Simulation Simulatio	NA	AFI2009		no	no	Gerald	Moses	PhD	MASTRI									X	
NA		7 12.2000				- Co. a.a													
Fundamentals of Robolic Surgery (FRS): Inaminate lasks for robotic surgical skills assessment and surgical skills assessment and praining surgical skills assessment tool to praining surgical skills assessment tool tool tool surgical skills assessment tool tool tool tool tool tool tool to			Institute for Simulation and																
CFRS : Inanimate tasks for robotic surgical skills assessment and surgical skills assessment tool to facility and the state of the st	NA	AEI2009		no	no	Sara	Kim	PhD	University of Washington/ISIS									X	
NA																			
NA AEIZOOB Iranling ves no Aivin Goh MD MITE X  AEIZOOB measure robotic surgical skills ves no Aivin Goh MD MITE  NA AEIZOOB Healthcare Teams Typology no no No Pamela Andreatta MA University of Michigan  NA AEIZOOB Operating Room no ves Stefanidis FACS Carolinas Healthcare System X  NA AEIZOOB Operating Team Typology no no no Pamela Andreatta MA University of Michigan  NA AEIZOOB Operating Room no ves Stefanidis FACS Carolinas Healthcare System X  NA AEIZOOB Operating Team Typology no no no No Hareh Grewal MD, FACS Temple University Hospital X  NA AEIZOOB Operating Team Typology no no no Dimitrios Stefanidis FACS Carolinas Healthcare System X  NA AEIZOOB Operating Team Typology no no no Dimitrios Stefanidis FACS Carolinas Healthcare System X  NA AEIZOOB Ourses for Surgeons no no no Dimitrios Stefanidis FACS Carolinas Healthcare System X  NA AEIZOOB Operating Team Typology no no no Elspeth McDougall MHPE Uclivine X  NA AEIZOOB Stefanidis Indicatory Na Indicatory Na AEIZOOB Stefanidis Indicatory Na Indicatory N																			
GEARS: An assessment tool to   NA	NA	ΔE12009		Ves	no	Δlvin	Goh	MD	MITIE									×	
NA AE(2009) measure robotic surgical skills yes no Alvin Goh MD MITIE  NA AE(2009) Healthcare Teams Typology no no no Pamela Andreatta MA University of Michigan  Explain the Incomplete Transfer of Simulator-Acquired Skills to the no yes Dimitrios Stefanidis FACS Carolinas Healthcare System  NA AE(2009) Operating Room no yes Dimitrios Stefanidis FACS Carolinas Healthcare System  NA AE(2009) The Stefanidis FACS Carolinas Healthcare System No No Pamela No	14/3	ALIZUUS		yes	110	AIVIII	COII	IVID	WITTE										
NA AEI2009 Healthcare Teams Typology no no Pamela Andreatta MA University of Michigan    NA AEI2009   Comment of Simulator-Acquired Skill to the no yes Dimitrios Stefanidis FACS Carolinas Healthcare System	NA	AEI2009		yes	no	Alvin	Goh	MD	MITIE									X	
Increased Stress Levels May Explain the Incomplete Transfer of Simulator-Acquired Skill to the Operating Room on yes Dimitrios Stefanidis FACS Carolinas Healthcare System  A AE12009 Indicator Program on On Operating Room on Oper																			
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Simulator-Acquired Skill to the Operating Room no yes Dimitrios Stefanidis FACS Carolinas Healthcare System X Introducing learn training and crisis management in the surgical residency program. no no Harsh Grewal MD, FACS Temple University Hospital X Lessons Learned from 10-year Experience with Postgraduate Lessons Learned from 10-year Experience with Postgraduate NA AEI2009 Courses for Surgeons no no Dimitrios Stefanidis FACS Carolinas Healthcare System X Loughern Impact of a Laparoscopic Renal Surgery Mini-Fellowship on Postgraduate Urologic Practice NA AEI2009 Patterns. no no Elspeth McDougall MHPE UC Irvine X Loughern Impact of Establishing Validity in Surgical Simulation Training in a Surgical NA AEI2009 Skills Training Curriculum no no Raphael El Youssef MBBS VirtuOHSU X NA AEI2009 Skills Training Curriculum no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Organization of a curriculum no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Organization of a curriculum no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Organization of a curriculum no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS X NA AEI2009 Studies no yes Sara Marchael																			
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Experience with Postgraduate   Courses for Surgeons   Course fo	NA	AEI2009		no	no	Harsh	Grewal	MD, FACS	Temple University Hospital								X		
NA AEI2009 Courses for Surgeons no no Dimitrios Stefanidis FACS Carolinas Healthcare System  Longterm Impact of a Laparoscopic Renal Surgery Mini-Fellowship on Postgraduate Urologic Practice NA AEI2009 Patterns. no no no Elspeth McDougall MHPE UC Irvine  Lower Gastrointestinal Endoscopy Simulation Training in a Surgical Simulation Training Curriculum no no Raphael El Youssef MBBS VirtuOHSU  NA AEI2009 Skills Training Curriculum no yes Sara Kim PhD University of Washington/ISIS  NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS  NA Designed to Transfer to particulum no periometric transfer to president to transfer to the president to the president to transfer to president to the president to								MD DLD											
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Renal Surgery Mini-Fellowship on Postgraduate Urologic Practice no no no Elspeth McDougall MHPE UC Irvine X  Lower Gastrointestinal Endoscopy Simulation Training in a Surgical NA AEI2009 Skills Training Curriculum no no no Raphael El Youssef MBBS VirtuOHSU  NA AEI2009 Skills Training Curriculum no no no Raphael El Youssef MBBS VirtuOHSU  NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS  NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS	INA	AEIZUU9		110	no	Ullillillos	Steranius	FACO	Carolinas ricaltricare system	1		1					^	+	
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NA AEI2009 Skills Training Curriculum no no Raphael El Youssef MBBS VirtuOHSU  Methodologies for Establishing Validity in Surgical Simulation  NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS  Organization of a curriculum Designed to Transfer Learning from										_									
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Validity in Surgical Simulation  NA AEI2009 Studies no yes Sara Kim PhD University of Washington/ISIS  Organization of a curriuclum Designed to Transfer Learning from	INA	AE12009		no	no	карпаеі	⊏i fousset	IVIDDS	VIIIUUNOU	-		-					^	+	
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Designed to Transfer Learning from NA AEI2009 skills Lab to Bedside no no Debra DaRosa PhD Northwestern University					,														
NA  AEI2009  skills Lab to Bedside   no   no   Debra   DaRosa  PhD   Northwestern University       X   X	1								Page 6										
	NA	AEI2009	skills Lab to Bedside	no	no	Debra	DaRosa	PhD	Northwestern University	I							Х		

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			Multi-	Manuagrint					Research									
Type of	Abstract			Manuscript Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development			•	Safety	•	Investigation	Education	Development	Other
		Phantom-Based Curriculum for																
NA	AEI2009	Basics of Interventional Ultrasound	no	no	Todd	Cannon		University of Washington/ISIS								Х		
		Problem Based Learning (PBL) with Supplemental Interactive Medical																
NA	AEI2009	Multimedia (PBL-SIMM)	no	no	Dayne	Mickelson		University of Washington/ISIS								Х		
		Relevance of various components																
NA	AEI2009	of Surgical Skill Training workshop	no	no	Irene	Yang		Temple University Hospital							X			
		Role of Instruction Method in																
		Novices' Acquisition of Minimally																
NA	AEI2009	Invasive Surgical (MIS) Basic Skills	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans							X			
		Simulated Operating Room Crisis																
		during Robotic Surgery using a																
NA	AEI2009	Completely Portable Human Patient Simulator (HPS)	no	no	Rohan	Joseph		MITIE									×	
INA	ALIZUUS	The Impact of Stress Factors in	110	110	Nonan	ооѕерп		WITTE									^	
		Simulation-based Laparoscopic					EdD, MFA,											
NA	AEI2009	Training"	no	yes	Pamela	Andreatta	MA	University of Michigan							X			
		Toward "High Stakes" Certification in Central Line Placement:																
		Construct Validation of a Central																
		Line Workshop Performance																
NA	AEI2009	Metrics	no	no	Yue	Dong		Mayo Clinic Rochester							NA	NA	NA	
		Use of a Colonoscopy Simulator to																
N. A	4 E10000	Improve the Learning Curve for			Dankast	FIX	MDDO	Virt. OLIOLI									Х	
NA	AEI2009	General Surgery Residents Use of a Novel Thermal and Visual	no	no	Raphael	El Youssef	MBBS	VirtuOHSU									^	
		Facial Mapping System to Measure																
		Stress in Surgeons May Provide a																
		Valuable Metric in Surgical Skills																
NA	AEI2009	Acquisition	no	no	Rohan	Joseph		MITIE							X			
NA	AEI2009	Validity of Leak Pressure Testing for Bowel Anastomosis Quality	no	no	Aaron	Jensen	MD	University of Washington/ISIS							X			
1474	ALIZUUS	Workshop Using Standardized	110	110	Aaron	Jensen	WID	University of Washington/Iole							Λ			
		Patients to Evaluate the																
		Communication Skills of Surgical																
NA	AEI2009	Residents	no	no	Sender	Liberman	_	McGill University								Х		
		Assessment of the core competencies in general surgery																
		residents: A single institution						UT Center for Advanced										
Non-AEI	AEI2010	experience	no	no	Daniel	Alterman	MD	Medical Simulation/UTMCK			X	X		X				
		Development and Evaluation of an																
Non-AEI	AEI2010	Open Aortic Aneurysm Repair Simulation			Matt	lamas		UT Center for Advanced Medical Simulation/UTMCK	Х	X	X							
NOII-AEI	AEIZU IU	Endovascular Procedure Simulation	no	no	Matt	Jones	+	Wedical Simulation/OTWCK	^		^							
		as an Assessment Tool for Vascular																
Non-AEI	AEI2010	Surgeons	yes	no	David	Dawson	MD, FACS	UC Davis			Х							
		Can surgical skills training of novice																
		medical students in the laboratory improve their technical skill and																
		satisfaction with their surgical																
Original	AEI2009	clerkship?	no	no	Harsh	Grewal	MD, FACS	Temple University Hospital							X			
		Outcome Measures for Surgical					ĺ	, , ,		İ								
	1	Simulators: Is the focus on technical				<u>_</u> .	MD, PhD,											
Original	AEI2009	skills the best approach?	yes	yes	Carla	Pugh	FACS	Northwestern University							X			

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			Multi-	Manuscript														
Type of	Abstract		Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			ln-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Psychometric Analysis of the Phase																
		I ACS/APDS Skills Curriculum,																
		Verification of Proficiency																
Original	AEI2009	Examination	no	no	Eric	Hungness	MD	Northwestern University							Х			
		The Theoretical Basis for																
		Fabricating High Fidelity Simulation																
		Tools for Honing Complex Surgical					MD, PhD,											
Original	AEI2009	Skills	yes	no	Carla	Pugh	FACS	Northwestern University							X			
		A Comprehensive Curriculum for																
Original	AEI2010	Advanced Laparoscopic Skills	no	no	Neal	Orzech	MD	University of Toronto		X	X			X				
		A Focused and Dedicated One																
		Week Basic Skills Curriculum Is																
		Adequate To Reach The Expected																
		Proficiency Level For First Year																
		Surgery Residents In A Busy						Penn Medicine Clinical										
Original	AEI2010	Residency Program.	no	no	Ben Selvan	Chandrakaladhar	MS	Simulation Center	X	X	X	X						
		A low cost simulator to reduce																
Original	AEI2010	global rates of maternal mortality	no	no	J	Perosky		University of Michigan	X	X			Χ					
		Deconstructing Laparoscopic																
		Competence in a Virtual Reality																
Original	AEI2010	Simulation Environment	no	yes	Costas	Loukas	PhD	University of Athens			X	X						
		Deficiencies of the Surgical																
Original	AEI2010	Curriculum Exposed	no	no	Paul	Montero	MD	Carolinas Healthcare System	X	X	X	X						
		Evaluating the Effectiveness of																
		Virtual Reality Simulation Training in																
Original	AEI2010	Intravenous Cannulation	no	no	Costas	Loukas	PhD	University of Athens	X	X	X			Х				
		Improving Surgical Skills Through																
Original	AEI2010	Simulation Education	no	no	Benjamin	Zendejas		Mayo Clinic Rochester	X	X	X							
		Investigating of Surgeon's Vigilance																
		on Patient's Condition Using Eye-																
Original	AEI2010	Tracking Techniques	yes	no	Bin	Zheng	PhD	CESEI			Х		Х	Х				
Original	AEI2010	Laparoscopic training in the UK	no	no	Daniel	Brown		Imperial College London		X		X						
		Orthopaedic boot camp: Examining																
		the effectiveness of an intensive										.,						
Original	AEI2010	surgical skills course	no	yes	Ranil	Sonnadara	PhD, MSc	University of Toronto	X	X	X	X		Х				
		Proving the Value of Secondary																
		Task Metrics for Performance					MD, PhD,											
Original	AEI2010	Assessment on Surgical Simulators	yes	no	Dimitrios	Stefanidis	FACS	Carolinas Healthcare System		ļ	Х							
		Quantifying Surgeon's Contribution	ĺ															
0-1-1	A E 10040	to Team Effectiveness on a Mixed			Di-	71	DI-D	OFOE			X			_		1		
Original	AEI2010	Team with a Junior Surgeon	yes	yes	Bin	Zheng	PhD	CESEI	Х	1	^		-	Х		<del>                                     </del>		
Original	AE10040	Simulation-based distance			Valant:	Kaval		CESEI	×	X	Х	Х						
Original	AEI2010	education: practice and challenges	no	no	Valentyna	Koval	1	CESEI	Λ	^	^	Λ	-			<del>                                     </del>		
		Simulation-based mock code																
		curriculum correlates with increased	1				EdD, MFA,									1		
Original	AEI2010	pediatric CPA survival rates	no	no	Pamela	Andreatta	MA	University of Michigan	X	Х		Х	Х	Х				
Original	AEIZU IU	Simulation-based training improves	110	110	гашева	Anureatta	IVIA	Oniversity or Michigan		<del>  ^</del>	<del> </del>	^	^			<del>                                     </del>	<del> </del>	
		applied clinical placement of ultra-	1				EdD, MFA,									1		
Original	AEI2010	sound guided PICCs	no	no	Pamela	Andreatta	MA	University of Michigan		Х	×		х			1		
Original	ALIZUIU	The Current Educational Value of	110	110	i dilicid	A IUI CALLA	IVIA	Oniversity of Michigan		_^	_^		_^			1		
Original	AEI2010	Morbidity & Mortality Conference	no	no	Erica	Mitchell	MD, FACS	VirtuOHSU			×	Χ				1		
Original	ALIZUIU	The Development and	110	110	LIICA	IVIILOTTOTI	IVID, FACS	virtuOi iSU			_^	^	-			1		
		Implementation of a Simulation-																
		based Curriculum to Teach Interns																
Original	AEI2010	Invasive Skills	l no	20	Carmon	Sultana	MD, FACS	Thomas Jefferson University	×	X	X	Х				1		
Original	AEIZU IU	IIIVasive Okilis	no	no	Carmen	ouliana	IVID, FACO	Li nomas senersorPontagistrà	^	^	^	^	l	<u> </u>	l	1		

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			Multi-	Manuscript					Research									
Type of	Abstract		Institutional	Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development				Safety		Investigation	Education	Development	Other
		When Do Physicians Learn Invasive	:															
Original	AEI2010	Clinical Skills?	no	no	Katherine	Berg	MD	Thomas Jefferson University			X	X						
						, , , , , , , , , , , , , , , , , , ,		,										
		A Comparison Study of Basic Skills																
		Acquisition with Virtual Reality and																
Original	AEI2011	Physical Reality Simulation Training	no	no	Constantinos	Loukas	PhD	University of Athens	X	Х	X		Х					
		A Hybrid 3-D VR/Physical Pelvis for			_													
		Training Surgically Relevant						University of										
Original	AEI2011	Anatomic Principles	no	no	Erlan	Santos	MD	Minnesota/SimPORTAL	X	X	X							
		A novel approach to the resident																
		skills curriculum: modules on rare																
		and common procedures linked																
		together with simulators created by																
Original	AEI2011	the learner.	no	no	Yulia	Zak	MD	Stanford Medical Center	X	X	X							
		A Pilot Study on Real-Time																
		Measures of Surgical Motions in						Washington University School										
Original	AEI2011	Minimally Invasive Surgery	no	no	Michael	Awad	MD, PhD	of Medicine		X	X							
		A Structured Self-Directed Basic																
		Skills Curriculum for Novices																
		Results in Technical Performance																
		Approaching that of Intermediate-																
Original	AEI2011	level Residents	no	yes	Andrew	Wright	MD, FACS	University of Washington/ISIS		X	X							
		Assessing the Impact of Debriefing																
Original	AEI2011	on Mental Workload	no	no	Bharat	Sharma	MD	University of Toronto		X	X		Х					
		Assessing the Value of the State																
		Trait Anxiety Inventory for the																
		Assessment of Intraoperative Stress	s															
Original	AEI2011	Associated with Skill Transfer	no	no	Dimitrios	Stefanidis	MD, PhD	Carolinas Healthcare System	X	X								
		Augmenting Technical Skills																
		Training Through Applications of																
		Video, Neuro-feedback and Guided						Duke University Medical										
Original	AEI2011	Imagery Training	no	no	Ranjan	Sudan	MD	Center		X								
		Behavioral Impact of Inter-																
		Professional Student Operating																
		Room Team Training using High																
Original	AEI2011	Fidelity Simulation	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	X	X	X		Х					
		Can Skills Coaches be Used to																
		Assess Resident Performance in																
Original	AEI2011	the Skills Laboratory?	yes	yes	Deborah	Rooney	PhDc	Northwestern University	Х	X	X							
		Can virtual reality simulation be					MD 50 50									ĺ		
	A = 100 t :	used for advanced bariatric surgical			l	l	MB, BS, BSc,	lana arial Callana		V	V					ĺ		
Original	AEI2011	training?	no	yes	Trystan	Lewis	MRCS	Imperial College London		Х	Х			Х				
	1	Design and Validation of a Model for	'											1		1		
Original	A E 10044	Training and Assessment of	,,,,,		Nail	Dittanh	MUCC	University of Taranta	~	~	~			_		ĺ		
Original	AEI2011	Procedural Skills in Open Surgery	yes	no	Neil	Rittenhouse	MHSc	University of Toronto	X	Х	Х			Х		ļ		
	1	Developing a Proficiency-Based	1											1		1		
	1	Virtual Reality Technical Skills	1					St Michaelle						1		1		
Original	A E 10044	Training curriculum for	,,,,,		Vanasaa	Palter	MD	St. Michael's	×							ĺ		
Original	AEI2011	Laparoscopic Colorectal Surgery	yes	no	Vanessa	railei	MID	Hospital/University of Toronto	_ ^	-	-			<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	
	1	Enterprise Deployment of a	1											1		1		
		Simulation-based Training and Management program for Central														ĺ		
Original	A E 10044	Venous Catheters			Miko	Sinonor	MD, PhD	University of Weshington/ICIC	×				Х	Х		1		
Original	AEI2011	verious Catheters	no	no	Mika	Sinanan	ואט, צווט	University of Washington/ISIS	٨				_ ^					

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development		Evaluations	Evaluations	Safety		Investigation	Education		Other
		Fundamentals of Laparoscopic																
		Surgery (FLS) Manual Skills																
Original	AEI2011	Assessment: Surgeon Versus Non- surgeon Raters	yes	no	Deborah	Rooney	PhDc	Northwestern University				Χ						
31.ga.	712011	Interdisciplinary team training led to	,,,,	110	Bobolan	rtooney	50	The familiary of the family										
		successful management of a rare																
Original	AEI2011	Obstetric emergency	no	no	Pamela	Andreatta	PhD	University of Michigan		X		Х	Х	Х				
		Low-Hanging Fruit: Using Clementines for laparoscopic																
		surgery training in gynecological																
Original	AEI2011	oncology	no	no	Pamela	Andreatta	PhD	University of Michigan	X	Χ	X		Χ	Χ				
		Mastering Instruments at Hands																
		before Operating on Patient - Role of Simulation in Training of Tool																
Original	AEI2011	Use Skills	no	no	Bin	Zheng	MD, PhD	CESEI						Χ				
		Orthopaedic boot camp II:																
		Examining retention rates for skills taught through an intensive																
		laboratory-based surgical skills																
Original	AEI2011	course	yes	yes	Ranil	Sonnadara	PhD, MSc	Mount Sinai Hospital		Χ		X						
		Patient-Specific Simulated																
Original	AEI2011	Rehearsal for the Carotid Artery Stenting Procedure	ves	no	Willem	Willaert	MD	Imperial College London		Х		Х	X	Х				
Original	ALIZUTI	Prediction of Future Performance in		110	VVIIIEIII	villaeri	IVID	Imperial College London										
		Minimally Invasive Surgery – A Tool					MD, PhD,											
Original	AEI2011	for Surgical Selection	no	no	Rajesh	Aggarwal	MA, FRCS	Imperial College London		Х	Х							
		Residents' Perspectives on the Value of Simulation in a General																
Original	AEI2011	Surgery Residency Curriculum	yes	ves	Hania	Wehbe-Janek	PhD	Texas A&M / Scott and White			Х	X						
		Setting Mastery Learning Standards																
Original	AEI2011	for Laparoscopic TEP Inguinal Hernia Repair Simulator Training	no	no	Benjamin	Zendejas	MD	Mayo Clinic Rochester	X	Х	Х							
31.ga.	712011	Simulation-augmented training		110	Bonjanin	Zondojao	5	mayo omno reconscion	X									
		program for Off-Pump Coronary																
		Artery Bypass surgery: Developing and validating performance																
Original	AEI2011	assessments	no	yes	Sayra	Cristancho	PhD	University of Western Ontario	X		X			Х				
g.r.g.		Sticky Situations: Using foam		,,,,	,													
	. =	stickers for precision and tissue					D. D.		V	V	. v							
Original	AEI2011	handling in laparoscopic training  Toward the Development of an	no	no	Pamela	Andreatta	PhD	University of Michigan	Х	X	Х							
		Observer-Based Tool for Assessing,																
		Debriefing, and Trending Higher-																
0-1-11	4510044	Order Skills During Laparoscopic				0	MD FACO	D	V	V	V							
Original	AEI2011	Surgery Transfer of skills between virtual	no	no	Charles	Shanley	MD, FACS	Beaumont Health System	Х	Х	X							
Original	AEI2011	colonoscopy and laparoscopy	yes	no	Lars	Enochsson	MD, PhD	Karolinska University Hospital		Χ		X						
		Use of decision based simulation to																
Original	AE12011	explore shared mental models in the		200	Corlo	Duah	MD DPD	Northwestern University			Х		Х					
Original	AEI2011	operating room  Validation of a Novel Assessment	no	no	Carla	Pugh	MD, PhD	Northwestern University					^					
		Tool for Central Venous																
Original	AEI2011	Catheterization	no	no	Andrew	Wright	MD, FACS	University of Washington/ISIS	X	Χ	Х	Х	X					
		Acquisition of New Skills By Novices: Effect of Three Different						Conemaugh Momorial										
Original	AEI2012	Instructional Methods	no	no	James	Gregory	MD	Conemaugh Memorial Hospital Page 10	X	Χ	Х							
		1			1	31		<u>, , , , , , , , , , , , , , , , , , , </u>					1		1		l	

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			8.014:	B. a.					Research									
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Abstract	Year	Abstract Title	Study		First Name	Last Name	Credentials	Institute	Development	•		Evaluations	Safety	•	Investigation	Education	Development	Other
	1	Adding Audio-Visual On-line		T	1								I					
		Learning to a Surgery Simulation																
		Curriculum Will Decrease Cognitive																
		Load and Facilitate Learning for																
Original	AEI2012	Surgical Interns.	no	no	Shahzad	Ali	MD	Mayo Clinic Rochester	X	Χ	X			X				
		Barriers to the Adoption of the								V								
Original	AEI2012	ACS/APDS Skills Curriculum	no	yes	Patricia	Pentiak	MD	Beaumont Health System	Х	Х								
		Cadavers versus Pigs: Which are																
		Better for Procedural Training of					MD, PhD,											
Original	AEI2012	· ·	no	ves	Dimitrios	Stefanidis	FACS	Carolinas Healthcare System	Х	Χ	X							
		Can Peers be Used to Assess		,			1											
		Resident Performance in the Skills																
Original	AEI2012		no	no	Deborah	Rooney	PhD	Northwestern University	X	Х	X	X		X				
		Characteristics in Response Rates																
0-1-11	4510040	for Surveys Administered to			l		Lub.	Hairmain of Manager	V		V	V						
Original	AEI2012	Surgical Residents Creating the Pre-Trained Novice: A	no	yes	John	Yarger	MD	University of Vermont	Х		Х	X						
		Structured Central Venous																
Original	AEI2012	_	no	no	Edgar	Figuredo	MD	University of Washington/ISIS	Х		X							
g	7 12.20 12	Differences Between Resident				ga. oao												
		Specialties, Education & Faculty:																
		Results of an All GME Resident						Conemaugh Memorial										
Original	AEI2012	Boot Camp	no	no	James	Gregory	MD	Hospital	X	Х	X		X	Х				
		Evaluating General Surgery																
Original	AEI2012	Residents: Is it Worth an Olympic Effort?	no	no	Roberto	Hernandez-Iriza	rn BC	Mayo Clinic Rochester	X	Х	Х	Χ						
Original	ALIZUIZ	Hemostasis in a non-compressible	110	110	Koberto	i lemanuez-inza	II) DO	Mayo Cililic Rochester										
		hemorrhage model: an end-user																
		evaluation of hemostatic agents in a	ı															
Original	AEI2012	proximal arterial injury	no	no	Steven	Satterly	MD	Madigan Army Medical Center			X	Χ	Χ	Χ				
		Laparoscopic Cholecystectomy																
	. =	Simulation-Based Training: Does			l				V	V		V	V	· ·				
Original	AEI2012	the Type of Trainer Matter?  Orthopaedic Boot Camp III:	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	Х	X	Х	Х	Х	Х				
		Examining the efficacy of student-																
		regulated learning during an																
		intensive laboratory-based surgical																
Original	AEI2012	skills course	no	yes	Ranil	Sonnadara	PhD	University of Toronto	X	X	X							
		Report on the First Consensus																
		Conference on the Fundamentals of	·															
Oniminal	A E 10040	Robotic Surgery: Outcome			Distract	0-4	MD FACC	Liniversity of Weekington/ICIC	NIA	NIA	NIA	NIA	NIA	NIA				
Original	AEI2012	Measures Simulation enhances surgery	yes	no	Richard	Satava, Jr.	MD, FACS	University of Washington/ISIS	NA	NA	NA	NA	NA	NA				
		residents opinion on the importance																
Original	AEI2012	of team working	no	no	Jean	Breaud	MD, PhD	University of Nice		Х		X	Х					
- J		Skills transfer between basic	1.0	1			,	,				- •						
		laparoscopic and colonoscopic		1														
Original	AEI2012	simulator training	no	no	Lars	Enochsson	MD, PHD	Karolinska University Hospital		Χ	X	X		X				
		Survey-Based Team Assessments:																
Oministra - I	A E 10040	A Critical Evaluation Of Behavioral		1	Carla	Dumb	MD, PhD,	No who we at a well to be a section		X	Х							
Original	AEI2012	Constructs And Item Selection	no	no	Carla	Pugh	FACS	Northwestern University		^	^							

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Type of	Abstract		Institutional	•					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	-		Evaluations		Outcomes	Investigation	Education	Development	Other
		The American College of Surgeons /	1															
		Association of Program Directors in																
		Surgery National Skills Curriculum:																
		Adoption Rate, Challenges and																
		Strategies for Effective																
Original	AE10040	Implementation into Surgical Residency Programs			lama.	Korndorffer, Jr.	MD, MHPE, FACS	Tulane University School of Medicine			Х	Х						
Original	AE12012	Transfer Effectiveness for a Virtual	no	yes	James	Korndorffer, Jr.	FAC5	Wedicine			^	^					-	
		Reality Laparoscopic																
Original	AEI2012	Appendectomy Curriculum	ves	no	Amish	Acharya	BSc	Imperial College London	Х	Χ		X						
- ŭ		Using a Many-Facet Rasch	ĺ			1												
		Measurement Approach for																
		Validation of Central Venous																
0	. =	Catheter Tool Used in Verification of					D. D.		v	V	V							
Original	AEI2012	Proficiency Examination A \$4.87 Model for Teaching and	yes	no	Deborah	Rooney	PhD	Northwestern University	Х	Х	Х							
		Assessing Basic Tube																
Original	AEI2013	Thoracostomy Techniques	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester		Χ								
- 3		A Comparison of Surgical Training																
		Quality Between the UK and the					MBBS, MA,											
Original	AEI2013	USA	yes	no	Pritam	Singh	MRCS	Imperial College London		Χ		X						
		A Proficiency-based Da Vinci®																
Oniminal	AEI2013	Skills Simulator(TM) Training			\/intox	Milesy In	MD	MITIE	×									
Original	AEI2013	Curriculum	no	no	Victor	Wilcox, Jr	MD	MITIE	^									
		Assessing the Validity and																
		Reliability of Two GME Performance	,				MD, PhD,											
Original	AEI2013	Assessment Tools for CME	yes	no	Carla	Pugh	FACS	University of Wisconsin			X							
		Creation of a cost-effect per diem	-															
		medical student work force for a																
		busy American College of Surgeons																
		Accredited Education Institute (AEI)  – a model for use by consortium																
Original	AEI2013	members	no	no	Lauren	Karbach	ва	MITIE	X									
ong.na.	712010	Crew resource management		110	Ludion	rarbaon												
		training in surgical residency																
		programs: A survey of North						St. Michael's										
Original	AEI2013	i ü	no	no	Nicholas	Dedy	MD	Hospital/University of Toronto	Х	X		X						
		Face, content, construct validity and																
		learning curve in robotic surgery simulation training: results of a																
		multicentric evaluation of dV-																
Original	AEI2013	Trainer®	yes	no	Cyril	Perrenot	MD	Lorraine University	Х	Χ	Х	X						
- ŭ		Filling a void: Developing standard	,															
		subjective assessment tool for																
		surgical simulation through																
0-1-1-	A E 10040	systematic review of current			E 1	0	DI- D	Linius and Mishings		V								
Original	AEI2013	practices International Consensus on Defining	no	yes	F. Jacob	Seagull	PhD	University of Michigan		Х	Х							
		and Measuring Quality in Surgical					MBBS, MA,											
Original	AEI2013	Training	ves	no	Pritam	Singh	MRCS	Imperial College London				X	Х					
g		Introduction of a Comprehensive	,,,,					conego zonaon				,						
		Training Curriculum in Laparoscopic																
		Surgery for Medical Students: a						St. Michael's						.,				
Original	AEI2013	Randomized Trial.	no	yes	Nada	Gawad	HBSc	Hospital/University of Toronto	X	Χ	X			X				

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development			Evaluations		•	Investigation	Education	Development	Other
		Perceptions of Surgical Task																
		Trainers – What Do Trainees						L		.,	.,	.,						
Original	AEI2013	Prefer? Pushing the Milestone Project	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester	Х	Χ	Х	Х						
		Further: Using X-Games																
		(Simulation-Based Assessment) to																
		Determine Promotional Eligibility																
		among General Surgery Residents									.,	.,						
Original	AEI2013	A Preliminary Experience     Resident Perception of Barriers to	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester		X	Х	X						
Original	AEI2013		no	no	Rebecca	Britt	MD	EVMS	X	Χ								
Original	/ KEIZO IO	Simulation For the Assessment of	110	110	11000000	Ditte	IVID	EVINIC	~									
		Ward-based Surgical Care:																
		Validation of the Simulated Ward							.,									
Original	AEI2013	and a Novel Assessment Tool Teaching the Essentials of	no	no	Philip	Pucher	MD, MRCS	Imperial College London	Х	Х	Х							
		Endocrine Surgery via Low-Cost,																
		Low-Fidelity Simulation – A Clever																
Original	AEI2013	Use of Yarn and Felt	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester	X	Χ	X			Χ				
		Technical and non-technical skills influencing laparoscopic																
		performance among OBGYN																
Original	AEI2013	residents	no	no	Lars	Enochsson	MD, PhD	Karolinska University Hospital	Х	Χ	X			Χ				
		The Future of Surgical Training:																
	4510040	National Needs Assessment of			0	16	D. D.	ACS AEI Curriculum	V			V	V					
Original	AEI2013	Stakeholders	yes	yes	Sara	Kim	PhD	Committee Study Paper	Х			Х	Х					
		The Rationale for Combining																
		Surgical Simulation and Audiovisual																
		Education: More Repetitions, Less																
Original	AEI2013	Cost, and Greater Resident Engagement and Satisfaction	no	ves	Yazan	AlJamal	MD	Mayo Clinic Rochester	X	Х	Х	Х						
Original	ALIZUIS	The Relative Contribution of Mixed	110	yes	Tazaii	AlJamai	IVID	Wayo Cirric Rochester		^	^							
		Training in the Acquisition of																
Original	AEI2013	Advanced Laparoscopic Skills	no	no	Costas	Loukas	PhD	University of Athens		Χ								
		The Rule of '4s': A Theory-Driven Approach to Implementing																
Original	AEI2013	Simulation into Surgical Training	ves	no	Sonal	Arora	MD, PhD	Imperial College London	Х	Х								
		Thinking it Through: Correlation of	,				,,,,,,,											
		Mental Rehearsal Attitudinal Gains																
		with Performance Parameters on																
Original	AEI2013	Two Separate Laparoscopic Cholecystectomy Trainers	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	X	Χ								
Original	ALIZUIS	Understanding Experiential	110	110	301111	i aige	WD, TAGO	EGGITGG-IVEW GITCHIS										
Original	AEI2013	Learning Styles in Residency	no	no	Jason	Zigmont	PhD	OhioHealth		Χ	X							
		Urilization of the Human-Worn																
		Partial Task Surgical Simulator in Extreme environmental terrain and																
Original	AEI2013	weather conditions.	no	no	Robert	Rush	MD	Madigan Army Medical Center	Х	Χ	Х	Χ	Х					
g		Using Video Motion Analysis to	1															
Original	AEI2013	Quantify Technical Performance	yes	yes	Carly	Glarner	MD	University of Wisconsin	Х		Х			Χ				
		Utilization of Operating Room Simulation to Enhance Surgical																
		Resident Participation in the																
Original	AEI2013	Surgical Timeout Checklists	no	no	Edward	Dominguez	MD	Riverside Surgical Associates	X	Χ	Х		Х					

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development		Evaluations		Safety	-	Investigation	Education	Development	Other
		A Novel Educational Module for																
		Subclavian Venous Catheter																
		Placement Using Ultrasound																
Original	AEI2014	Guidance	no	no	Andrew	Bayci	MD	Beaumont Health System	X	X			Х	X				
		A Randomized Controlled Study to																
		Evaluate the Role of Video-Based																
		Coaching in Training Laparoscopic				L	MB, BS, MA,	l	.,	.,		.,	.,					
Original	AEI2014	Skills	yes	no	Pritam	Singh	MRCS	Imperial College London	X	Х	Х	X	Х					
		A surgical educators																
		armamentarium: Using Jeopardy to assess residents' retention and																
Original	AEI2014	improvement of medical knowledge	no	no	Jad	Abdelsattar	MB, BS	Mayo Clinic Rochester	Х	Х	Х	X						
Original	ALIZU14	A Video-based Method for	110	110	Jau	Abdelsattai	IVID, DO	Wayo Cililic Rochester				Λ						
		Assessing Proctors' Scoring of the																
		Fundamentals of Laparoscopic																
Original	AEI2014	Surgery (FLS) Manual Skills Exam	no	no	Deborah	Rooney	PhD	University of Michigan			X	X						
_		Assessing Technical Competence in	1															
		Surgical Trainees: A Systematic																
Original	AEI2014	Review	yes	no	Peter	Szasz	MD	University of Toronto		X	X	X		Х				
		Assessment of subjects without																
		experience in minimal access																
	4510044	surgery performing a suture task at					DI D	F 1 040	×	X	V							
Original	AEI2014	da Vinci robot  Complications Related to Chest	no	no	Andrea	Moglia	PhD	EndoCAS	Α	Χ	Х							
		Tube Placement at the Mayo Clinic																
Original	AEI2014	and a Plan for Quality Improvement	no	no	Raaj	Ruparel	MD	Mayo Clinic Rochester	X	Х		X	Х	X				
Original	ALIZOTA	Current Use of Surgical Simulators	110	110	rtaaj	ruparci	IVID	Waye Chine Recinester		Λ								
		in Gynecology Across French																
		Academic Schools : a National						Assistance Publique des										
Original	AEI2014	Survey	yes	no	Patrice	Crochet	MD	Hôpitaux de Marseille		X								
		Design of a Virtual Reality Training																
		Curriculum for Laparoscopic																
Original	AEI2014	Colorectal Surgery	yes	no	Laura	Beyer-Berjot	MD	Imperial College London	X	Χ	X			Χ				
		Development and assessment of a																
0-1-1	A E 1004 4	simulator for open abdominal			0	04   1111-1				~								
Original	AEI2014	procedures: The DeepCAV	no	no	Cameron	St. Hilaire		University of Washington/ISIS		Х								
		Development and implementation of a clinical pathway approach to	'															
		simulation-based training for foregular	,															
Original	AEI2014	surgery	no	no	Kiyoyuki	Miyasaka	MD	University of Pennsylvania	X	X		X						
		Effectiveness of Systems Changes			, - ,													
		Suggested by Simulation of Adverse	Э					Tulane University School of										
Original	AEI2014		no	no	Meghan	Garstka	MD, MS	Medicine		X		X	Χ					
		Enhancing Interprofessional																
		Collaboration through Simulation-																
		Based Team Training in Clinical					MD, MS,	l				V						
Original	AEI2014	Oncology	no	no	Ted	James	FACS	University of Vermont	X	Х	Х	Х	Х			<del> </del>		
		Escalation of Care in Surgery: a Systematic, Pro-active Risk																
Original	AEI2014	Assessment of Clinical Supervision	no	no	Maximilian	Johnston	MB. BCh	Imperial College London			Х							
Original	ALIZU14	A35533HERE OF CHILICAL SuperVISION	110	110	iviaAiiiillaii	OUTHISION	IVID, DOII	Imperial College Loridon	+		_^_					<del>                                     </del>		
		Evaluation of the Effectiveness of																
	1	Self-Directed Learning Using a Take					BSc(Hon),									1		
	İ	Home Laparoscopic Simulator to	1				MB, BCh,									1		
Original	AEI2014	Supplement Clinical Training	yes	no	Kathleen	Elliott	MRCS	Imperial College London		Χ	X		Χ					

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Type of Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Curriculum Development	-	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	Development	Other
		Facilitating the Implementation of																
		the ACS/APDS Phase III Skills																
Original	AEI2014	Curriculum: Training Faculty in the Assessment of Team Skills	yes	no	Louise	Hull	PhD	Imperial College London	Х	Х								
Original	ALIZUIT	From the Trauma Bay to the ICU: a	yes	110	Louise	Tidii	TIID	Imperial college London										
		novel horizontal simulation																
Original	AEI2014	curriculum for surgical residents	no	no	Kiyoyuki	Miyasaka	MD	University of Pennsylvania	X	Х	X	Х	Х					
		Hazard Zones: For Focused Complex Laparoscopic Surgical																
Original	AEI2014	Skills Training	no	no	Marisa	Louridas	MD	University of Toronto	X	Х			Х					
	712.2011	Immersion Training in Simulation						Rocky Vista University School										
Original	AEI2014	Brings Hyper-Realism to Training	yes	no	Anthony	LaPorta	MD, FACS	of Medicine	X	Χ	X	X	X	X				
		Implementation and Evaluation of a																
		Comprehensive Simulation- Enhanced Upper GI Training																
		Curriculum in a Large Academic																
		General Surgery Residency																
Original	AEI2014	Training Program	no	no	Boris	Zevin	MD	University of Toronto	X	Х	X	Х						
Original	AEI2014	Innovative Approach to Faculty Development Utilizing Simulation	no	no	Jason	Zigmont	PhD	OhioHealth	Х	Х			X	Х				
Original	AE12014	Intracorporeal Suturing: Transfer	110	110	Jason	Zigilioni	FIID	Offici lealth	^	^								
		from FLS to Cadavers Results in																
		Substantial Increase in Mental																
Original	AEI2014	Workload	yes	yes	Rebecca	Britt	MD, FACS	EVMS	X	Х	Х							
		Manual Dexterity and Surgical Vocation: Which Came First?-																
		Perhaps 3D Virtual Reality																
		Simulators May Provide a Modern																
Original	AEI2014	Answer to an Ancient Dilemma□	no	no	Antonio	Gangemi	MD, FACS	UIC		Х	X	Х						
		Pediatric inguinal hernia tutorial using simulation. Development and																
		validation of clinical and surgical																
Original	AEI2014	models	yes	no	Jean	Breaud	PhD	University of Nice	X	Χ	X							
		Simulating Azygos Vein Ligation -								.,								
Original	AEI2014	Deliberate Practice is Invaluable	no	no	Phillip	Rowse	MD	Mayo Clinic Rochester	Х	Х	X							
		Skills Degradation of Seasoned																
		General Surgeons Subjected to																
		Gaps in Standard Practice Patterns						Dwight D. Eisenhower Army										
Original	AEI2014	Due to Combat Deployments Surgical care checklists to optimise	yes	no	Yong	Choi	MD, FACS	Medical Center/Fort Gordon			Х		Х	Х				
		patient care following post-operative																
Original	AEI2014	complications	yes	no	Philip	Pucher	MD, MRCS	Imperial College London	X			X		X				
		Surgical Skill Performance																
		Prediction: Application of a Cognitive Model to Laparoscopic						Air Force Research										
Original	AEI2014	Skill Retention Simulation Training	ves	no	Tiffany	Jastrzembski	PhD	Laboratory/Wright-Patterson AFB	X		Х							
Original	ALIZOTA	The Implementation of Surgical	you	110	Tillariy	GGGHZGHIDGKI	1 112	7.1.5										
		Crisis Checklists in Perioperative						UT Center for Advanced										
Original	AEI2014	Team Simulation	no	no	Paul	Huffstutter	MD, FACS	Medical Simulation/UTMCK		Х			Х	Х				
		Through the Looking Glass: Comparison of Self-, Peer-, and																
		Observer-based Assessment of																
		Students during Inter-Professional																
Original	AEI2014	Team Training	no	no	John	Paige	MD, FACS	LSUHSC-New Orleans	Х	Х	Х	X	X					
Original	AEI2014	Use of Error Analysis to Assess Resident Performance	no	yes	Anne-Lise	Maag	MD	University of Wisconsin		X	X							
Original	AE12014	I resident Fenomiance	TIU	yes	AIIIE-LISE	iviaay	טואו	OTHER SILY OF WISCONSIII	L	^	^		L	L	L	l	L	

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	-		Evaluations	Safety	•	Investigation	Education	Development	Other
		Video Skills Curricula and		Γ ,					i i								· · ·	
		Simulation: A Synergistic Way to																
		Teach Two-Layered Handsewn																
Original	AEI2014	Small Bowel Anastomosis	no	no	Phillip	Rowse	MD	Mayo Clinic Rochester	X	Х	X							
		Who is the Ideal Partner for the					MD, PhD,	j										
		Interdisciplinary Training of Surgery					FACS,											
Original	AEI2014	Residents?	no	no	Dimitrios	Stefanidis	FASMBS	Carolinas Healthcare System	X	X	X	X	Х					
		A Novel Mental Skills Curriculum																
		Minimizes Deterioration of Simulator																
		acquired Skill During Transfer to the					MD, PhD,											
Original	AEI2015	Operating Room	no	no	Dimitrios	Stefanidis	FACS, FASMBS	Carolinas Healthcare System	X	Х	X							
		A Stepwise Approach for Simulation-	-															
		based Curriculum Development for					MD, PhD,	College of Medicine, King										
Original	AEI2015	Clinical Skills	no	no	Nehal	Khamis	MEd	Saud University	X	X	X	Х						
		An examination of the "seductive																
		details effect" in acquisition and																
0-1-1	4510045	transfer of laparoscopic suturing			A :	0	DI- D	LIT Countless of a sec		V	V	V						
Original	AEI2015	Skills	yes	yes	Aimee	Gardner	PhD	UT Southwestern	Х	Х	Х	Х						
Original	AE1204E	Basic skills training - black box or high fidelity simulators?	V00	no	Lars	Enochsson	MD. PhD	Karolinska University Hospital	X	Х	Х			Х				
Original	AEI2015	Cadaveric Model for Training and	yes	110	Lais	EHOCHSSOH	IVID, PIID	Karolinska Oniversity Hospital	^	^	^			^				
		Assessment of Traumatic Wound																
Original	AEI2015	Management and Hemorrhage	no	no	Troy	Reihsen		University of Minnesota	X	Х			Х	Х				
Original	ALIZUIS	Comparing Mechanical Tissue	110	110	Tioy	TCITISCIT		Oniversity of Minnesota										
		Properties of Simulator, Animal, and																
Original	AEI2015	Human Tissue	no	no	Sneha	Somani	BS	University of Minnesota	X	Х		X						
o g	7 12.20 10	Comparing Simulators and Live			0.10114			Chirterony or minimedena	,	, ,		,						
		tissue for life-saving hemorrhage																
		and airway procedures: Evaluation						University of										
Original	AEI2015	of Critical Failures	yes	no	Robert	Sweet	MD, FACS	Minnesota/SimPORTAL	X	X	X							
		CORNERSTONE: Implementing																
		Universal Patient Safety Checklist																
		Discipline During the First Year of																
Original	AEI2015	Medical School	yes	no	Matthew	Moorman	MD, FACS	Cleveland Clinic	X	X		X	Х					
							MD, PhD,											
		Developing a Coaching Mechanism					FACS,		.,		.,		.,					
Original	AEI2015	for Practicing Surgeons	no	yes	Dimitrios	Stefanidis	FASMBS	Carolinas Healthcare System	Х	Х	Х		Х	Х				
		Development of an evidence-based virtual reality training curriculum for						Assistance Publique des										
Original	AEI2015	laparoscopic hysterectomy	yes	no	Patrice	Crochet	MD	Hopitaux de Marseille	x		Х			Х				
Original	AEIZU 13	Do Teamwork and Communication	yes	110	atrice	Crocnet	IVID	Tiopitaux de Marselle	^					^				
		Concepts Learned in the Simulated																
		Environment Transfer to the																
Original	AEI2015	Trauma Bay?	no	no	Darlene	Bourgeois	MSN, RN	Lahey Health System	X	Х	X	X						
Original	ALIZUIS	Emergency Medical Simulation	110	110	Danciic	Dourgeois	WOIN, ININ	Lancy Ficaliti Gystem										
		Training for the General Dental						University of Tennessee										
Original	AEI2015	Resident	no	no	Chelsea	Balderson	DDS, DNB	Knoxville	X	Х	X		Х					
3		Error Tolerance: A New			1		,		,									
		Psychomotor Performance Metric in																
Original	AEI2015	Laparoscopic Surgery	no	no	Eran	Gwillim	MD	University of Wisconsin		Х	X							
J		Eye-Gaze Strategies Affect																
		Performance on Arthroscopic			1	1		University of Calgary										
Original	AEI2015	Simulators	yes	no	Justin	LeBlanc	MD, FRCSC	(University of Toronto)	X	X	X							
	·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		·			·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						· · · · · · · · · · · · · · · · · · ·	

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Abstract		Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development		Evaluations	•	Safety	•	Investigation	Education	Development	Other
		I Have to Learn Laparoscopic																
		Latero-Lateral Small Bowel																
Oniminal		Anastomosis: How Long Will it			Carlas	Manuel-Palazuelo	MD DED	Heavital virtual Valdesilla		X	Х			Х				
Original	AEI2015	Take? Identifying Learning Needs through	no	no	Carlos	Manuel-Palazuelo	MID, PND	Hospital virtual Valdecilla			^			^				
		Analysis of Coaching Profiles in																
Original	AEI2015	Laparoscopic Bariatric Surgery	no	no	Esther	Bonrath	MD	University of Toronto	X	X	X							
		Immersion Team Training In																
		Realistic Environment Improves						United States Medical Corps.										
Original	AEI2015	Performance In Trauma Resuscitation	no	yes	Kris	Siriratsivawong	MD	(Naval Medical Center San Diego)	×	X	Х	Χ	Х					
Original		New Longitudinal Procedure-	110	yes	KIIS	Sililatsivaworig	IVID	Diego)	^		^							
		Specific Curriculum for Minimally																
		Invasive Surgery Skills Training and						Grainger (NorthShore										
Original	AEI2015	Retention	no	no	Alexandre	Derevianko	MD, MA	University)	X	Х	Х							
		Observational Learning During Simulation-based Training In	1															
		Arthroscopy: Is It Useful To					MD, MHPE,											
Original		Novices?	no	no	Marie-Eve	LeBel	FRCSC	University of Western Ontario	X	X	X							
Ŭ.		Optimizing the selection of general						,										
		surgery residents: a national				1		l										
Original	AEI2015	consensus Patient Specific Simulation for	yes	no	Marisa	Louridas	MD	University of Toronto			Х							
		Aortic Surgery Pre-procedural					MD, FACS,											
Original		training	no	no	Kevin	Lachapelle	FRCSC	McGill University	X	X								
		Preliminary results of our simulation-				· ·												
		based experience on the																
		management of "blue codes" and																
Original		emergent open conversion in the robotic operating room	no	no	Antonio	Gangemi	MD	uic	x	X		Χ	Х					
Original	ALIZUIO	Student Perceptions of a Simulation-		110	Antonio	Cangenn	IVID	0.0	Λ			Λ						
		Based Surgery Clerkship Flipped																
Original	AEI2015	Classroom	no	yes	Cara	Liebert	MD	Stanford University	X	X		Χ	Χ					
0-1-1	4510045	Teaching With Technology – What			NA	O - d - Th	D.4	Labarrilla altho Contains	X									
Original	AEI2015	Do Millennial Learners Need? The changing role of the surgical	no	np	Meredith	Cody Thomas	BA	Lahey Health System										
		skills laboratory in the MIS training																
		of general surgery residents: from a	1															]
		"cherry picking" approach to a	1															]
	.=	standardized, proficiency-based	1							V		V		V				
Original	AEI2015	curriculum The Correlation of Salivary Cortisol	no	no	Antonio	Gangemi	MD	UIC	Х	Х	Х	Х		Х				
		and Alpha Amylase in the execution																]
		of Realistic Surgical Trauma	1															]
		Simulation and Medical Student						Rocky Vista University School										
Original	AEI2015	Training	yes	no	Anthony	LaPorta	MD, FACS	of Medicine	X	Х	Х	X						
		The Tell-Tale Heart and Team Crisis Simulation in an In-Situ					MD ME1											]
Original		Operating Room	no	no	Roy	Phitayakorn	MD, MEd, FACS	MGH		X	X							
Original	ALIZUIU	operating recom	110	110	, wy	Tittayakom	IACD	mort										
		What would be the Role of Haptics																
Original	AEI2015	if Incorporated in Robotic Surgery?	no	no	Cristian	Luciano	PhD	UIC	X	X	Χ			Χ				
		A novel educational module for	1															
		placement of continuous intercostal nerve blockade for traumatic rib	1															]
Original	AEI2016	fractures	no	no	Jonathan	Gower	MD	Naval Med Ctr San Diego			Х	Χ						
9		···	110	110	Jonathan	001101	1	Page 17	1	L		/ \						

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	<b>Evaluations</b>	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		A novel educational module for																
		placement of continuous intercostal																
		nerve blockade for traumatic rib																
Original	AEI2016	fractures	no	no	Shrunti	Sevak	MD	Beaumont Health System			X	X						
		An interactive multicenter multi-																
Original	AEI2016	national virtual grand rounds for ACS AEI			l	C		Anne Arundel			X	Х						
Original	AEIZU IO	Artificial Blood CF1 Demonstrating	yes	no	Ivan	George		Anne Arundei			^	^						
		Reduced Volume Loss for Open																
		Surgery Simulation in Human																
Original	AEI2016		no	no	Joss	Fernandez	MD, FACS	MO Heart Center										
		Cadaveric Dissection vs.																
		Homemade Model: What is the Best																
		Way to Teach Endoscopic Totally																
Original	A E10046	Extraperitoneal Inguinal Hernia			V	A1.11	MB, BS	Maya Clinia Dashaatan			X	Х						
Original	AEI2016	Repair? Comparison of FLS Tasks When	no	no	Yazan	AlJamal	IVIB, BS	Mayo Clinic Rochester			^	^						
		Training on Standard FLS Platform																
		Versus an Ergonomically Different																
Original	AEI2016	Platform	no	no	Sarah	Haviland	BS	Walter Reed/Uniformed Svc			X	X						
_		Computerizing the ATLS® Post-																
Original	AEI2016	Test: Implications for Further Study	no	no	Jenny	Guido	MD	USF										
Original	AEI2016	CPR Devices & Impact on Infant				0 11	PhD	Naval Med Ctr San Diego			Х	Х						
Original	AEIZU IO	Chest Compressions	no	no	Carmen	Spalding	PND	Navai Med Ctr San Diego			Χ	Α						
		Crowdsourcing Unmet Needs in Simulation-Based Education and																
Original	AEI2016	Technology	no	no	Cory	Schaffhausen	PhD	University of Minnesota										
Original	71212010	Defining and Simulating Needle	110	110	COLY	Conamidacon	1 112	Chiverenty of Minimedeta										
		Insertion Forces for Percutaneous																
Original	AEI2016	Renal Access	no	no	Lauren	Poniatowski	MS	University of Minnesota										
		Development of a Laparoscopic																
		Appendectomy Silicone Training																
Original	ΛΕΙ2016	Model Using Three-Dimensional Printing Technology	no	no	Jonathan	Dort	MD, FACS	INOVA Health System										
Original	AEIZUIO	Do Great Teams Think Alike? An	110	110	Julialilali	Dort	IVID, FACS	INOVA Health System										
		Examination of Team Mental																
		Models and their Impact on Team																
Original	AEI2016	Performance	no	yes	Aimee	Gardner	PhD	UT Southwestern										
		Do Non-Technical Skills Improve																
		with Technical Skills Training? A																
		Comparison of Non-Technical Skills Rating and Operative Performance																
Original	AEI2016		no	no	Rao	Raghavendra	MD	University of Pennsylvania	X		Х	Х						
Original	ALIZOTO	Does Musical Instrument	110	110	Nau	Nagilavellula	IVID	Oniversity of Fermisylvania	^									
		Experience Correlate With Higher																
		Performance On The Robot																
Original	AEI2016	Simulator?	no	no	Antonio	Gangemi	MD, FACS	UIC			X	X						
		Does previous exposure to																
		videogames and/or practice with																
		musical instruments influence																
Original	AEI2016	performance on a virtual simulator for robot-assisted surgery?	no	no	Andrea	Moglia	PhD	EndoCAS										
Original	ALIZU IO	ioi robot-assisted surgery?	no	110	Allulea	Iviogiia	רווח	LINUUAG										

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#### Categories of Research

Multi-Manuscript Type of Abstract Institutional Published in Curriculum Teaching Learner Program Patient Surgical In-Abstract Year **Abstract Title** Study Surgery First Name Last Name Credentials Institute Development Methods Evaluations Evaluations Safety Outcomes Investigation Education Development Other Effect of Team Training on Resuscitation Times and Critical Errors in Simulated Trauma Following Shipboard Surgical Trauma Training (S2T2) Rocky Vista University School Original AEI2016 Curriculum—Cumulative Data Mullinax MD of Medicine no no Ross Efficacy of a simulation-based training program for improving the communication skills of general surgery and obstetrics and AEI2016 gynecology residents Χ Х Original Nguyen PhD Ohio Health no no Ngan Enhancing the realism of a surgical simulation cadaver lab using intravascular pressurization AEI2016 Original technique Poniatowski University of Minnesota no no .auren Evaluation of a Multispecialty, Self-Directed, Simulation-based Original AEI2016 Learning Program PhD University of Michigan Χ Χ no no Deborah Rooney Faculty perceptions of barriers to completing surgical resident assessments: A multi-institutional Original AEI2016 | qualitative needs assessment no aura Mazer Stanford University Χ Χ no Gelatin paravertebral spine model -A practical design for training general surgery resident's basic skills in placement of a continuous Original AEI2016 infusion catheter Shrunti Sevak MD Beaumont Health System Χ Χ no no Interprofessional Collaboration Facilitates Enhancements of a Preparation for Internship AEI2016 Curriculum MD Χ Χ Χ Original no no Brent Bauman University of Minnesota Inter-professional Education and Simulation to Improve Knowledge AEI2016 Retention of CAUTI DNP, RN INOVA Health System Х Χ Χ Original Paula Graling no no Loss of skill retention of Intraosseous catheter placement among Original AEI2016 residents over time Rex Chuna MD Cedars Sinai Χ Χ Χ no no Measuring the Tools of the Future: How Will We Tell the Effectiveness Rocky Vista University School AEI2016 of Training MD. FACS of Mediicne Х Χ Χ Χ Original no Anthony LaPorta yes Mental Practice Enhances Retention of Simulator-Acquired MD. PhD. Surgical Skill: Results of a FACS, AEI2016 Randomized Controlled Trial Dimitrios Stefanidis **FASMBS** Carolinas Healthcare System Original no no Modern Paradigms in Surgical Training – An International Qualitative Study to Determine Factors Affecting the MB, BS, Implementation of Simulation-based BSc(Hons), Χ Χ Original AEI2016 Training Programmes no no Shady Hosny MRCS Imperial College London Operation room fire simulation study effectively prepares operating room Original AEI2016 staff for fire MD. PhD Grainger/NorthShore Tomokazu Kishiki no no Patient-Centered Communication for Surgical Residents: A Simulation Original AEI2016 Based Curriculum no no Amber Trickey PhD, MS INOVA Health System Χ

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development		Evaluations		Safety		Investigation	Education		Other
		Peroral Endoscopic Myotomy																
		Curriculum Eor The Treatment Of																
		Achalasia And Esophageal Motility																
		Disorders Using Simulation &																
		Animal Platforms□																
Original	AEI2016		no	no	Andrew	Wang	MD	Naval Med Ctr San Diego	X									
		Pilot Testing of a Simulation Based																
0-1-11	A E 10040	Model for Suture Repair of						LITAID			V	V						
Original	AEI2016	Laparoscopic Bleeding Pooling Resources: Creation of a	no	no	James	McClintic	MS	UTMB			Х	Х						
		Surgical Bootcamp that Straddles																
Original	AEI2016		no	no	Sharon	Bachman	MD, FACS	INOVA Health System			X	X						
Original	ALIZOTO	Safe Adoption Of Robotic Training	110	110	Charon	Daominan	WIB, TAGO	INO VATICALLI OYSICIII										
		In Residency With a																
		Eundamentals Of Robotic Surgery																
		Curriculum -A 5 Year Experience																
Original	AEI2016		no	no	Alwin	Albert	MD	Naval Med Ctr San Diego	X		X	X						
		Self/Peer Resident Assessment of																
		the Basics of Open Laparotomy																
0-1-11	A E 10040	Training (BOLT) on a Simulated			la a a i a a	F	MD	Daniel Habitania Mari			V	V						
Original	AEI2016	Abdominal Model Solid, cystic and tubular – A	no	no	Jessica	Fazendin	MD	Drexel University			Х	Х						
		compact gelatin-training model for																
		teaching basic skills in ultrasound-																
		guided procedures to general																
Original	AEI2016		no	no	Shrunti	Sevak	MD	Beaumont Health System			X	X						
		STOMP- Skills Training for																
		Operational Medicine Providers:																
		Design and Implementation of a																
		Novel Comprehensive Skills-Based																
Original	AEI2016	Curriculum for U.S. Navy Interns	no	no	Travis	Polk	MD, FACS	Naval Med Ctr Portsmouth	X									
		The Effects of a Retention Interval																
		and Refresher Session on Intracorporeal Suturing Skill and																
Original	AEI2016		yes	yes	Rebecca	Britt	MD, FACS	EVMS			Х	Χ						
Original	ALIZUIU	Trainee Impressions of Instructor	yes	yes	Rebecca	Dill	WID, I ACC	LVIVIO										
		Expertise in Surgical Simulation and																
Original	AEI2016		no	no	TK	Pandian	MD, MPH	Mayo Clinic Rochester	X		X	X						
Ŭ		Using Heart Rate Variability to																
		Assess Acute Stress During																
Original	AEI2016		no	no	Shabnam	Hafiz	MD, MPH	Medstar/SiTEL										
		Validation and A New Pump for the																
0	4510040	"Live Cadaver" Exercise for					MD, FACS,											
Original	AEI2016	Improving Trauma Team Training Video Analysis of Path Length in	no	no	Richard	Pearl	FRCS	UIC										
		Basic Skills Training: A Way to																
		Expand the Value and Use of Basic																
Original	AEI2016	•	yes	no	Lars	Enochsson	MD, PhD	Karolinska University Hospital			X	X						
o i i gi i i ai	7.2.20.0	AEI best practices: A review of 2011	,,,,		24.0	2.1001100011		rtaromienta com creny ricopitar										
Original	AEI2017		yes	yes	James	Cooke	MD	University of Michigan										
Ť								, ,										
		Bridging the Gap between Acute				1												
		Care Surgeons and Endovascular				1												
		Techniques: Simulation Training for																
Original	A E 1004 =	Resuscitative Endovascular Balloon	V		Manas	D	MD, MS,	Lipiyoroity of Mandand										
Original	AEI2017	Occlusion of the Aorta (REBOA)	yes	no	Megan	Brenner	FACS	University of Maryland	<u> </u>		<u> </u>					l		
								•										

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	wethous	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
		Conflicting Opinions on the Use of Simulation for Nontechnical Skill																
		Development at the Onset of																
Original	AEI2017	Residency Training	no	no	Natalie	Wagner	BSc(Hons)	McMaster University	X	X								
_		Development of a Breast																
		Reconstruction Training																
Original	AEI2017	Environment	no	no	Alex	Viezel-Mathieu	MD, BS	McGill University										
		Development of Amputation Training Model for Surgical Skills																
Original	AEI2017	Workshops	no	no	Shumaila	Anwer	MS	University of Minnesota		Х	X							
Original	ALIZOTI	Effects of a Surgical Simulation	110	110	Onumana	Alwei	III.O	Chiverency of Minimocota		^								
		Course on Undergraduate Surgical																
Original	AEI2017	Clerkship Performance	no	no	Michael	Tieman	MD, FACS	Rocky Vista University										
		First Year of Virtual Grand Rounds:																
	. = =	A Report from the Technologies and			1.													
Original	AEI2017	Simulation In Situ Multidisciplinary Obstetric	yes	no	Ivan	George		Anne Arundel										
		Team Training for Emergencies:																
		Maximizing Training Opportunities																
		while Sensing Latent Threats to																
Original	AEI2017	Patient Safety	no	no	Joy	Greer	RN, BSN	Naval Hospital Portsmouth					X					
		Instituting a Surgical Skills																
		Competition Increases Technical																
Original	AEI2017	Performance of Surgical Clerkship Students Over Time	no	no	Harold	Leraas	MA, BS	Duke University	X									
Original	ALIZUTI	International Delphi Consensus on	110	110	Tiatolu	Leidas	IVIA, DO	Dake Offiversity										
		Critical Components of the Safe																
		Surgical Ward: Identification of																
		Factors for Educational					MB, BS,											
		Interventions and Quality					BSc(Hons),											
Original	AEI2017	Assessment Interprofessional Simulations to	no	no	Yasmin	Hassen	MRCS	Imperial College London					Х					
		Inform Perioperative Facility						Penn Medical Simulation										
Original	AEI2017	Planning and Design	no	no	Kristoffel	Dumon	MD, FACS	Center										
J. 1. g. 1. 1.	7 12.20 11	Macrosystem Simulations in a New					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
Original	AEI2017	Hospital Facility	no	no	Gladys	Fernandez	MD	Baystate Health										
		Modeling Operative Thinking in a																
		Simulation-Based Continuing																
Original	AEI2017	Medical Education Course on Laparoscopic Hernia Repair		no	Andrew	Ruis	PhD	University of Wisconsin		Х								
Original	AEIZU17	Multiple Simulation Modalities	no	110	Andrew	Ruis	FIID	Offiversity of Wisconsin		^								
		Enhanced a Preparation for Surgica	1															
Original	AEI2017	Internship Course	no	no	Brent	Bauman	MD	University of Minnesota	X	X								
		Optimizing Simulation-Based																
		Interdisciplinary Teamwork Training																
		for Medical and Nursing Students																
Original	AEI2017	and Evaluating Its Long-term Effects	no	no	Darlene	Bourgeois	MSN, RN	Lahey Clinic										
Original	AEIZU17	Outcomes Following Introduction of	no	110	Darierie	Dourgeois	IVIOIN, ININ	Lariey Cillio			<del> </del>							
		a Standardized Process To Improve																
		Transitions of Care in a Surgical																
Original	AEI2017	Practice	no	no	Yazan	AlJamal	MD	Mayo Clinic Rochester	X			X	X	Χ				
		Performance on a Physical																
1		Endoscopic Simulation Platform	1	1		1					1							
		Predicts Performance on the Fundamentals of Endoscopic																
Original	AEI2017	Surgery (FES) Manual Skills Exam	yes	no	Zachary	Taylor	DO	USU Page 21	X		Х							
Juguiai	ALIZOTI	Janger, (1 Lo) Mariaar Stalls Exam	,,,,,	110	_aoriar y	Taylor		1000		l			l			i		

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)

			844:	Manusanint					Research									
Type of	Abstract		Multi- Institutional	Manuscript Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development		Evaluations		Safety		Investigation	Education	Development	Other
		Personalized video feedback to																
		improve "at home" pre-residency																
Original	AEI2017	preparation of surgical interns	yes	yes	Nimesh	Naik	MD	Mayo Clinic Rochester										
		Proficiency gain curve and skills																
		retention at a virtual simulator for																
Original	AEI2017	robot-assisted surgery: a blind study	no no	no	Andrea	Moglia	PhD	EndoCAS										
_		Sepsis Training using Interactive																
Original	AEI2017	Virtual Reality (IVR)	yes	no	Naveen Kuma	r Sankaran	MS	University of Illinois-Urbana	X	Х	X	Х						
		Simulated Trauma and Procedural Training in a Collaborative Human																
		Cadaver Lab Integrating Emergency	,															
		Medicine and General Surgery	1															
		Residents: Effectiveness and																
Original	AEI2017	Outcomes	yes	no	Joe	Esparaz	MD	University of Illinois, Peoria		X								
		Simulation Training Improves																
Original	AEI2017	Surgical Resident Comfort with Airway Management	no	no	Kaitlin	Ritter	MD	Cleveland Clinic	×									
Original	AEIZU17	Simulation-based Multiple Mini-	no	no	Kaluin	Ritter	IVID	Cievelarid Cilriic	^									
		interviews vs. Traditional Interviews																
		in the Postgraduate Year 1 Cardiac																
		Surgery Residency Program									.,							
Original	AEI2017	Selection Process	no	no	Marina	Ibrahim	MD	McGill University			Х							
		Successful Computerizing the ATLS® Post-Test: Outcome of an																
Original	AEI2017	AEI Multisite Study	yes	no	Britany	Telford	BS	CAMLS	X		X							
3		Team-based Simulations for New	,		<u> </u>													
		Surgeons: Does Early and Often																
Original	AEI2017	make a Difference?	yes	yes	Kareem	AbdelFattah	MD	UT Southwestern	X									
		The Use of Virtual Reality Simulators in Laparoscopic					MD. PhD.											
Original	AEI2017	Colectomy Training	no	no	Konstantinos	Mayrantonis	FACS	Hygeia Hospital	X	Х		Х						
o rigiria.	712011	Jensetemy mammig	110	110	ronotantino	Maviantonio		rijgela i leepital	,									
		Time Crunch: Increasing the																
	. = =	Efficiency of Technical Surgical Skill			1			Medical University of South										
Original	AEI2017	Assessment via Brief Video Clips Using Epistemic Network Analysis	yes	yes	John	Sawyer	BS	Carolina										
		to Identify Targets for Educational																
		Interventions in Trauma Team																
Original	AEI2017	Communication	no	yes	Sarah	Sullivan	PhD	University of Wisconsin			X							
		Value-based Simulator Selection:																
Original	AEI2017	The Creation and Evaluation of the Simulator Value Index Tool	V/00		Deborah	Rooney	PhD	University of Michigan										
Original	AEIZU17	Official of Value IIIUEX TOOL	yes	yes	Denotati	TOUTIEY	טוויו	Oniversity or wildrigan		1								
1		Simulation for Operative			1													
Original		Laparoscopic skill Advancement of			1		MD, MA,											
Paper	AEI2011	Residents (SOLAR): A Global Study	no	no	Rajesh	Aggarwal	PhD, MRCS	Imperial College London	X	Х	X	Х						
1		Calculating the Return on			1													
Original		Investment – Quantifying the Value of Simulation Training for																
Paper	AEI2018	Housekeeping	yes	no	Dmitry	Nepomnayshy	MD	Lahey Clinic				X						
		Competence-based Mastery	,		···,	,	<u> </u>	,										
1		Learning for Chest Tube Placement:			1													
Original	1	A Study of Anxiety, Confidence, and			1					.,								
Paper	AEI2018	Performance	no	yes	Andrew	Velic	BS	UWSMPH	Х	Х								Noodo
Original Paper	ΔE12019	Current Research Priorities in Surgical Simulation	yes	yes	Nicholas	Anton	MS	Indiana University School of Medicine										Needs Assessment
i apci	/AL12010	Sargisal Simulation	yes	yes	raicilidas	AROH	1110	Modifie	l .	l	l			l .	l		<u> </u>	1000001110111

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									Research									
Type of	Abstract		Multi-	Manuscript Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In	
Abstract	Year	Abstract Title	Study	Surgery	First Name	I ast Name	Credentials	Institute	Development			Evaluations		•	Investigation	Education	Development	Other
Abotraot	Tour	Evaluating the Quality of Video-	T	- Curgory	Tirot Haino	T	T		Borolopillolik	I	Transactions	Evaluations	Guioty	T T T T T T T T T T T T T T T T T T T	gutton	Ludoution	I Bovolopinone	00.
Original		taped Debriefings after Simulation						LSUHSC SCHOOL OF										
Paper	AEI2018	Team Training	ves	yes	John	Paige	MD	MEDICINE		Х								
	7.2.20.0	Facilitating Accurate Team Self-	,,,,	juu	00	i aigo				,,								
Original		Assessments: Can Simulation Play																
Paper	AEI2018	a Role?	yes	no	Aimee	Gardner	PhD	Baylor College of Medicine		X	X							Teamwork
		Laparoscopic Peg Transfer																
		Simulation Tasks with Two Difficulty																
Original	. = . = =	Levels: Analysis of Two Years				l					· ·							
Paper	AEI2018	Interns' Performance and Workload	yes	no	Amro	Abdelrahman	MBBS	Mayo Clinic Rochester			Х							
Original		Low Fidelity Materials Yield High Resolution Assessment of																
Original Paper	AEI2018	Anatomical KnowledgeReally?	no	yes	Humza	Saleem	мD	Mayo Clinic Rochester	Х		X							
гареі	ALIZUIO	Performance Variability During	110	yes	Tiulliza	Saleetti	IVID	Iviayo Cilriic Rochester										
Original		Training on Simulators Predicts Skill																Performance
Paper	AEI2018	Transfer	yes	yes	John	Martin	MD	Indiana University			X							Assessment
'		Surgical Interns in 2017: Objective	, , , ,	,														
Original		Assessment Suggests they are																
Paper	AEI2018	Better but Still DANGEROUS	no	yes	Yazan	AlJamal	MD	Mayo Clinic Rochester			X	X						
		The Role of Posture Assessment																
Original		Tools in Identifying Trainees'						University of Minnesota/Mayo										
Paper	AEI2018	Postures during Surgical Simulation	yes	no	Christopher	Curry		Clinic		Х	Х							
Oniminal		The Successful Integration of a Non-	1															
Original Paper	AEI2018	Clinical Skills Curriculum into Surgery Intern Boot Camp	no	no	Veronica	Zoghbi	MD	UPENN		Х								
Original	AEIZU IO	What Errors Do Surgical Residents	110	110	veronica	Zogribi	טועו	Indiana University School of		_ ^								Needs
	AEI2018	Commonly Commit?	yes	no	Tomoko	Mizota	мр	Medicine										Assessment
Paper Original	ALIZOTO	Automated Assessment of Surgical	yes	110	TOTTOKO	WIIZOta	1010	I Wedienie			<b>†</b>							7 GOGGGITION
Paper	AEI2019	Knot Tying	no	no	Elizabeth	Huffman	MD	Indiana University			X							
		Comparing reverse half-hitch						<u> </u>										
		alternating post surgical knots and																
		square knots for closure of																
		enterotomy in a simulated deep																
Original		body cavity: A Randomized						Queen's University, School of										
Paper	AEI2019	Controlled Trial.	yes	no	Edward	Sykes	PhD	Medicine		X								
		Francisco et Orași e I Oissa letica																
		Expansion of Surgical Simulation																
Original		Through the Development of Economic Laparoscopic Simulators																
Paper	AEI2019	and Student-run Organizations	yes	no	Jordan	Baechle	BS	Meharry Medical College	X	Х								
Тарсі	ALIZUIS	and olddent-run organizations	yes	110	Jordan	Daecille	50	Wenarry Weardar Conege	^		<b>+</b>							
		Grouped-based Video Feedback is																
		as Effective and More Efficient than																
Original		Personalized Video Feedback for																
Paper	AEI2019	Enhancing Skills of Surgical Interns	no	no	Yazan	AlJamal	MD	Mayo Clinic Rochester	X		X							
		Knot-tying Struggles for Surgical																
Original		Interns: Bare Hands vs. Gloves vs.																
Paper	AEI2019	Gloves with Butter	no	no	Nizamuddin	Shaikh	MBBS	Mayo Clinic Rochester	X	X	X							
		Medical Student Perception and																
Original		Confidence in Informed Consent, A				1			.,									
Paper	AEI2019	Core EPA	no	yes	Tiffany	Anderson	MD	Stanford University	X									

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Page   Abstract   Page   Abstract   Page   Abstract   Page   Pa				Multi-	Manuscript														
Production State   Terminal Program   Progra	Type of	Abstract		Institutional	Published in	l				Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Content   Cont	Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Name	Credentials	Institute	Development	Methods	Evaluations	Evaluations	Safety	Outcomes	Investigation	Education	Development	Other
Cash of State Control of Strong - How Ard Port Control of Discoses - Control of Contro			Proficiency Based Training Program																
Original Alexander Layerings Colinian on Control Website Control Support Alexander Layerings Colinians on Control Website Colonians Colonians on Control Website Colonians Colon			For Performing Complex																
Degran   Apply   Assisted Expansacypic Castes   Paper   Apply   Appl			Gastrointestinal Surgery – How And																
Paper   ACED   Papers   Paper   ACED   Papers   Paper   ACED   Papers   Paper   ACED   Paper			Why To Learn The Robotic-																
Similation Training for Encourage   Management of Lights   Management of Lights	Original		Assisted Laparascopic Gatric						Naval Medical Center San										
Management of Upper   Casterioreticals Bladders   A   Coole   Control   Co	Paper	AEI2019	Bypass In The Military	no	no	Gordon	Wisbach	MD, MBA	Diego		X								
Content			Simulation Training for Endoscopic																
National Surgeous New Journal   National Surgeous   National Sur			Management of Upper																
Company   Comp			Gastrointestinal Bleeding: A																
Paper   AE(2)15   Availysis   yes   no Stawn   Pumet   MD   University of Litah   X   Surgical skills   Surgical skill																			
Surgical Skills Surgical Skills Section of College Structured Assessment of College Structured Asse	Original		Surgeons' Needs and Preferences						Houston Methodist Hospital &										
Sungland Carriers: A Simulation Standard Procession of Chiganal Paper AE2019 Technical Skill on Chichical Skill on Chickical Sk	Paper	AEI2019	Analysis	yes	no	Shawn	Purnell	MD	University of Utah		X								
Sunglein Games: A Simulation Stand Christophe Assessment and Paper AE2019 Technical Skill  The Use of Virtual Humans to AE2011 Sease Suspend Communication Paper AE2019 Technical Skill  The Use of Virtual Humans to AE2011 Sease Suspend Communication No David Lind M/D Jackson/Wile  Lind M/D Jackson/																			
Sungland Carriers: A Simulation Standard Procession of Chiganal Paper AE2019 Technical Skill on Chichical Skill on Chickical Sk																			Surgical skills
Dictional Control Co																			
Paper AE2019 Fecholacid Staff																			
Original Paper AE(2019 Sills in a Simulated Laperotomy, no no David Unid MD Jacksonville X Sills in a Simulated Laperotomy, no no David Unid MD Jacksonville X Sills in a Simulated Laperotomy, no no David Unid MD Jacksonville X Sills in a Simulated Laperotomy, no no David Unid MD Jacksonville X Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a Simulated Laperotomy, and the Sills in a S																			
Driginal   Assess Surgeon Communication   David   Unid   MD   Justicerary of Florida   X   X   X   X   X   X   X   X   X	Paper	AEI2019		no	no	Jason	Blevins	MD	Hospital for Special Surgery	X		X							training
Paper   AE(2019   Skills in a Simulated Laparotomy,   no   no   David   Lind   MD   Jacksonville   X   X																			
Original Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idel Times Validity Procedural Idea Identification on Procedural Idea Identification Identificati																			
Driginal Paper AEI2019 Evidence for a New Mastery Metric yes yes Kenneth Perrone MD Stanford University X	Paper	AEI2019		no	no	David	Lind	MD	Jacksonville					Х					
Paper   AEI2019   Evidence for a New Mastery Metric   yes   yes   Kenneth   Perrone   MD   Stanford University   X																			
Original Payshortor Performance Poster no no Alex Otto BA Medical School X X X X Page 1  Payshortor Process specially recognition of altycial skin lesions on no Jeffrey Garon MD, BA Medical School X X X X Page 1  Other AEI2019 Resolution of altycial skin lesions on no Jeffrey Garon MD, BA Hospital X X X Page 1  Poster Presentation of the Resolution of the Acuta Presentation AEI2018 Resolution of the Resol																			
Driginal Psychomotor Performance   Psychomotor Performance   Paper AE(2019)   Assessment   No   No   Alex   Otto   BA   Medical School   X   X   X   X   X   X   X   X   X	Paper	AEI2019		yes	yes	Kenneth	Perrone	MD	Stanford University			X							
Paper AE(2019) Assessment no no Alex Otto BA Medical School X X X X									1										
Improving cross specialty   Recognition of attypical skin lesions   Recognition of attypical skin lesions   Recognition of attypical skin lesions   Recognition of a through experiential learning   Recognition of the Resuscitative Endovascular   Residential Recognition of the Resuscitative Endovascular   Residential Recognition of the Resuscitative Endovascular   Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Residential Recognition of the Recognition of the Residential Recognition of the Recognit			,							.,		.,							
Decompton of atypical skin lesions   Decompton of atypical skin lesions   Decompton on our part   Decompton our	Paper	AEI2019	1	no	no	Alex	Otto	BA	Medical School	Х	Х	Х							
Other AE(2017 through experiential learning no no Jeffrey Garon MD, BA Hospital X X X X X X X X X X X X X X X X X X X																			
A Precinical Cadaveric Evaluation of the Resuscitative Endovascular Balloon Occlusion of the Aorta Balloon Occlusion of the Aorta Balloon Occlusion of the Aorta Robotic Surgical Curriculum for Chief Resident Exposure and Presentation AEI2018 Experience no no Michael Meara MD, FACS Wexner Medical Center X X X X Persentation AEI2018 Experience no no Michael Meara MD, FACS Wexner Medical Center X X X X X X Persentation AEI2018 Experience no no no James Hebert MD, FACS American College of Surgeons X X X Indication Develop Critical Presentation AEI2018 Tissue Simulation to Develop Critical Presentation AEI2018 Integration no no Joshua Weis MD UT Southwestern X Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Tissue Simulation and Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Total Statistics of the Acid S							_												
of the Resuscitative Endovascular Balloon Occlusion of the Aortal Balloon Occlusion of the Aor	Other	AEI2017		no	no	Jeffrey	Garon	MD, BA	Hospital	X	X			Х					
Poster Presentation AEI2018 (REDA) Catheter no no Zachary Miller BS University of Minnesota X X Presentation AEI2018 (REDA) Catheter no no No Zachary Miller BS University of Minnesota X X Presentation AEI2018 (REDA) Catheter No no No Michael Meara MD, FACS The Ohio State University Wexner Medical Center X X X X X X X X X X X X X X X X X X X																			
Presentation AEI2018 (REBOA) Catheter no no no Zachary Miller BS University of Minnesota X X A Poster Surgical Curriculum for Chief Resident Exposure and Presentation AEI2018 Experience no no no Michael Meara MD, FACS Wexner Medical Center X X X X X A Poster Simulation to Develope Critical Presentation AEI2018 Thinking Skills in Residents no no no James Hebert MD, FACS American College of Surgeons X X A Poster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Profession Students no no Edward Jasper MD, MPH, MD	L .																		
Poster Presentation AEI2018 Experience no no no Michael Meara MD, FACS Wexner Medical Center X X X X X X X X X X X X X X X X X X X		4.5100.40				<b> </b>		DO	I be in a section of Malana and a					V					
Poster Presentation AEI2018 Experience no no Michael Meara MD, FACS Wexner Medical Center X X X X X X X X X X X X X X X X X X X	Presentation	AEI2018		no	no	Zacnary	Miller	85	University of Minnesota			1		Λ					
Presentation AEI2018 Experience no no Michael Meara MD, FACS Wexner Medical Center X X X X X X X X X X X X X X X X X X X	Deeter								The Ohio State University										
ACS Fundamentals of Surgery Curriculum®: Using Cognitive Simulation to Develop Critical Presentation AEI2018 Thinking Skills in Residents no no James Hebert MD, FACS American College of Surgeons X X  Assessing Quality and Resources During Campus-wide Simulation Presentation AEI2018 Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Profession Students no no Edward Jasper MD, MPH  Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and		A E 10040				Michael	Maara	MD EACS		~	_								
Poster Presentation AEI2018 Thinking Stills in Residents no no James Hebert MD, FACS American College of Surgeons X X X  Poster Presentation AEI2018 Integration no no Joshua Weis MD UT Southwestern X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Development of a Sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and	Presentation	AEIZU I 8		no	no	Michael	Meara	IVID, FACS	Wexiler Medical Certier	^		+	^				-		
Poster Presentation AEI2018 Simulation to Develop Critical Thinking Skills in Residents no no James Hebert MD, FACS American College of Surgeons X X X American College of Surgeons X X X American College of Surgeons X X X American College of Surgeons X X X American College of Surgeons X X X American College of Surgeons X X X X American College of Surgeons X X X X American College of Surgeons X X X X American College of Surgeons X X X X American College of Surgeons X X X X American College of Surgeons X X X X X X X X X X X X X X X X X X X																			
Presentation AEI2018 Thinking Skills in Residents no no James Hebert MD, FACS American College of Surgeons X X  Assessing Quality and Resources During Campus-wide Simulation Presentation AEI2018 Integration no no Joshua Weis MD UT Southwestern X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curricullum in a community-based teaching program: scenarios, benefits, and	Poster																		
Poster Presentation AEI2018 Integration no no Joshua Weis MD UT Southwestern X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curriculum in a community-based training curriculum in a community-based teaching program: scenarios, benefits, and		ΔEI2018		no	no	lames	Hebert	MD FACS	American College of Surgeons	×	×								
Poster Presentation AEI2018 Integration no no no Joshua Weis MD UT Southwestern X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Presentation AEI2018 Profession Students no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and	resentation	ALIZUIU		110	110	James	riebert	IVID, I ACC	American college of ourgeons										
Presentation AEI2018 Integration no no no Joshua Weis MD UT Southwestern X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and	Poster		9 ,																
Poster Preparedness Interprofessional Education (IPE) Program for Health Profession Students no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  Poster profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  MD, MPH MD, MPH, MPH, MD, MPH		AFI2018		no	no	Joshua	Weis	MD	LIT Southwestern	X									
Poster Presentation AEI2018 Program for Health Profession Students no no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and	rrocontation	7 (12010		110	110	Occinad	11010	IVID	OT COULTWOOLOTT										
Poster Presentation AEI2018 Education (IPE) Program for Health Profession Students no no Edward Jasper MD, MPH Thomas Jefferson University X  Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and MD, MPH, M																			
Presentation AEI2018 Profession Students no no Edward Jasper MD, MPH Thomas Jefferson University X	Poster																		
Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and  MD, MPH,		AEI2018		no	no	Edward	Jasper	MD. MPH	Thomas Jefferson University	X									
simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and MD, MPH,								,		, ·	1	1	1	<u> </u>				1	
in a community-based teaching Poster program: scenarios, benefits, and MD, MPH,				ĺ															
Poster program: scenarios, benefits, and MD, MPH,				1							1		ĺ					1	
	Poster			ĺ				MD, MPH,											
	Presentation	AEI2018		yes	no	Vanita	Ahuja	MBA	Sinai Hospital of Baltimore		X	1	1	X				1	

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			8.014:	Manusanint					Research									
Type of	Abstract		Multi- Institutional	Manuscript Published in					Curriculum	Teaching	Learner	Program	Patient	Surgical			In-	
Abstract	Year	Abstract Title	Study		First Name	Last Name	Credentials	Institute	Development		Evaluations				Investigation	Education	Development	Other
		Does Participation in Case-based		, <u>, , , , , , , , , , , , , , , , , , </u>	1			1								1		1
		Cadaver Labs that Include Both																
		Meta-cognitive and Technical Skills																
		Correlate with Trainees'																
Poster		Performance on Surgical Exams						Virginia Commonwealth										
Presentation	AEI2018	and Preceptors' Evaluations?	no	no	Susan	Haynes	MS, MEd	University	Х									
		Enhancing Computer-Based Central																
Poster		Line Training for Surgery Residents						Naval Medical Center										
Presentation	AEI2018	Across Two Training Programs	no	no	Jenny	Held	MD	Portsmouth		Χ								
	7.2.20.0	Force during Simulation–Based				1.0.0												
Poster		Orotracheal Intubation is predictive																Objective
Presentation	AEI2018	of Clinical Competency	no	no	Qasim	Al Abri	MD	McGill University										Assessment
		Implementation and Evaluation of a																
Deeten		Comprehensive Proficiency-Based					MD, PhD,											
Poster Presentation	AE12049	Upper GI Curriculum: A Multi- Institutional Canadian Experience	ves	no	Boris	Zevin	FRCSC	Queen's University	x	Χ								
Fresentation	AEIZU IO	Implementation of Institution-wide	yes	no	DUIS	Zeviii	FROSC	University of Iowa Center for	^	^								
Poster		Central Venus Catheter Insertion						Procedural Skills and										
Presentation	AEI2018	Certification Program	no	no	Julie	Hartman	DC, MS	Simulation					Χ					
		Knot Tying: Transforming Novice to																
Poster		Proficient Performance in less than																
Presentation	AEI2018	60 minutes. Can it be done?	no	no	Mohamed	Baloul	MBBS	Mayo Clinic Rochester		X	X							
		Laparoscopic Repair of Perforated																
Poster		Peptic Ulcers: A Low Fidelity Simulator and Training Curriculum																
Presentation	AFI2018	for Surgical Skill Development	no	no	Kristen	Cox		University of Minnesota		Χ								
1 TOOOTHULIOTT	/ ILIZOTO	Mental Skills Training Limits	110	110	Tanoton	OOX		Criverony or Minimodela										
		Operative Skill Decay Under																
		Stressful Conditions: Results of a																
Poster		Multi-Site Randomized Controlled						Indiana University School of										
Presentation	AEI2018	Study	yes	no	Nicholas	Anton	MS	Medicine	Х									
		Microsurgical Skills Training																
Poster		Course: The Effect on Microsurgery																
Presentation	AEI2018	Trainees' Confidence and Workload	no	no	Anita	Mohan	MBBS	Mayo Clinic Rochester			Х							
		Modernizing educational paradigms																
Poster		by integrating surgical simulation						Rush University Medical										
Presentation	AEI2018	across surgical specialties One's SIM trash is another's SIM	no	no	Nicole	Siparsky	MD	Center	Х									
		treasure: SimPortal experience in																
Poster		the building of a percutaneous																
Presentation	AEI2018	gastrostomy (PEG) skill trainer.	no	no	Marcos	Molina	MD	University of Minnesota		X								
		Should the American Board of																
		Surgery (ABS) Require Ultrasound																
Poster		Education Program for General					MD, FACS,	University of California,										
Presentation	AEI2018	Surgery Certification?	no	no	John	Agapian	FCCM	Riverside/RUHS	Х									
		Simulation based teamwork training can reduce barriers between																
1		surgery and anesthesia - focus																
Poster		group interviews with experienced																
Presentation	AEI2018	OR staff	no	no	Cecilia	Escher	MD	CAMST					Χ					
		Surgery Tutor – An Open Source																
		Platform for Assessment of																
Poster	A E 100 40	Technical Proficiency: A Validation		_	0 - 1411	V	MD	Queen's University Page 25			X							
Presentation	AE12018	Study in a Simulated Setting	no	no	Caitlin	Yeo	MD	Queen's University ~			Λ					1		

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Abstract	Year	Abstract Title	Study	Surgery	First Name	Last Namo	Credentials	Instituto	Development		Evaluations	•	Safety		Investigation	Education		Other
Abstract	I Cai			Jurgery	T II St Name	Last Name	Oredentials	Institute	Development	Wethous	Lvaluations	Lvaluations	Jaiety	Outcomes	investigation	Luucation	Development	Other
		Teaching Practicing Surgeons What	I .															
Deeter		Not to Do: An Analysis of Instructor						Liniversity of Windows										
Poster Presentation	A E 10040	Coaching Fluidity During a Simulation Based CME Course			Moutho	Cadfus	MD	University of Wisconsin, Madison		Х								
Presentation	AEI2018	The Educational Value of the da	yes	yes	Martha	Godfrey	IVID	Madison		^								
Poster		Vinci Skills Simulator at a Regional																
Presentation	AE12040		no	no	Robert	Heidel	PhD	University of Tennessee			×							
Presentation	AEIZU 18	Tissue Morcellation: A Simulation	no	no	Robert	Heidei	PIID	University of Termessee			^							
Poster		Curriculum for Gynecology																
Presentation	AE12040	Residents	yes	no	Stephanie	Delgado	MD	Boston Medical Center	X	Х								
Fresentation	AEIZU 10	Residents	yes	110	Stephanie	Delgado	IVID	Boston Medical Center	^	^								Surgeon-
Doctor		Towards Surgeon-Authored VR																Authored VR
Poster Presentation	AE12040	Training: the Authoring Interface	yes	no	George	Sarosi	MD	University of Florida		Х								Training
Presentation	AEIZU 10	Ultrasound guidance training	yes	110	George	Salusi	IVID	University of Florida		^								rraining
Poster		enhancement using Instrument																
Presentation	AE12040	tracking	no	no	Nihar	Sheth		UIC		Х								
Presentation	AEIZU 18	Use of Innovative Approaches to	no	no	Minar	Snetn		UIC		^	-							
Poster		Create a Specialty Specific Urology																Innovative
Presentation	AE12040	Skills Program	yes	no	Barbara	Lewis	MS, RN	University of Wisconsin	X									Techniques
riesentation	AEIZU 10	Validation of a Low-cost Ultrasound		110	Daivara	Lewis	IVIO, IXIN	Offiversity of Wisconsin	^									recilliques
Poster		Compatible Suprapubic Catheter																
Presentation	Λ⊑I2010	Insertion Training Model	no	no	Yuding	Wang	MD	McMaster University		Х								
Tresentation	ALIZUIO	Video Training Works for	110	110	ruding	vvarig	IVID	Wiciwaster Offiversity										
		Professional Sports, Might it be																
Poster		Effective in Training Resident Eyes																
Presentation	ΔE12018	and Minds for the OR?	no	no	Nicholas	Prabhakar	ва	Mayo Clinic Rochester			×							
Poster	ALIZUIU	Will eye tracking video feedback	110	110	Nicriolas	i iabilakai	DA	Mayo Cliffic Rochester										
Presentation	Λ⊑I2010	enhance simulator performance?	ves	no	Markus	Castegren	MD, PhD	Karolinska University Hospital		Х								
Tresentation	ALIZUIO	3-D Anatomy Models Facilitates	yes	110	Iviai kus	Castegren	IVID, I IID	rearonniska Oniversity Hospital										
		Cross-sectional Radiological																
		Learning for Surgery Residents: a																
Poster		randomized controlled crossover																
Presentation	ΔΕΙ2010	trial	yes	no	Francisco	Cardenas Lara	MD	Mayo Clinic Rochester		Χ								
Poster	ALIZUIS	A Laboratory Model for	yes	110	Tancisco	Cardenas Lara	MD. FACS.	mayo omino reconcetor										
Presentation	Λ⊑I2010	Ureteroneocystotomy	no	no	Patrick	McKenna	FAAP	University of Wisconsin	X									
Tresentation	ALIZU19	oreter one obystotomy	110	110	Fallick	Wickellia	1700	Offiversity of vviscorism										nate or decay
																		of
																		novehometer
																		psychomotor
																		skill (by
																		extension
																		surgical skill)
		A prospective, Randomised,																
		Controlled Trial assessing the rate																using VR
Poster		of decay of virtual reality						Queen Elizabeth Hospital,										colonoscopy
Presentation	AEI2019	colonoscopy (psychomotor) skill	yes	no	Yash	Verma	MBBS/Bsc	Birmingham	X		X							simulator.
		A Review of Checklist Tools for the		1														
		Assessment of Central Venous																
Poster		Catheter Insertion: Are We Using		1		1												
Presentation	AEI2019	Best Practices?	no	no	John	Nguyen-Lee	MD	Houston Methodist Hospital			X		Χ					
		Analysis of General Surgery Intern												İ				
Poster		Performance on Simulation-Based																
Presentation	AEI2019	Anatomy Examinations	no	no	Abhishek	Chandra	BA	Mayo Clinic Rochester	X	X	X							
		· ·						+										

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		Attitude Adjustment? Impact of											-					
		Simulation-based, High-fidelity Inter-																
		Professional Team Training on																Curriculum
Poster		Senior Medical Students' Short-					PhDc, DNP,											implementati
Presentation	ΔFI2010	Term Teamwork Attitudes	no	no	Laura	Bonanno	CRNA	LSU Health New Orleans				X						on l
	ALIZOIS	Development and Evaluation of a	110	110	Laura	Donamio	Ortion	200 Hould How Orleans										OII
Poster		Low-Cost Laparoscopic																
Presentation	ΛΕΙ2010	Cholecystectomy Simulation Model	no	no	Rafael	Azevedo	MD	Mayo Clinic Rochester	X	Х								
1 resemation	AEIZU 19	Development of a Laparoscopic	110	110	Raiaei	Azevedo	IVID	Mayo Cililic Rochester	^	^								
Poster		Trocar Placement Simulation Model:						University of Minnesota										Simulation
Presentation	A E 10040	A Preliminary Evaluation			E december	\A/-II-	BS	Medical School	X									Model
Fresentation	AEI2019	Development of a Tendon Repair	no	no	Edward	Walczak	ьз	Medical School	^									Model
Poster		Simulation Model: A Preliminary						University of Minnesota										
	4 = 100 40					0.1	BS	Medical School		Х								
Presentation	AEI2019	Evaluation	yes	no	Jillian	Schommer	ВО	Medical School										
		Does Variability Among Surgical																
		Skills Diminish Throughout																
L .		Residency Training? Analysis of a 5-						N1/5 14/ :11 6										
Poster		Task Surgical Simulation Curriculum						NYP-Weill Cornell Medical										
Presentation	AEI2019	Starting Day 1.	yes	yes	Jessica	Limberg	MD	Center	X	X	X							
		Experienced Surgeons Versus																Validation of a
		Novice Residents: Validating a																
Poster		Novel Knot Tying Simulator for																novel
Presentation	AEI2019	Vessel Ligation	yes	yes	Roi	Anteby	BS	Tel Aviv University										simulator
		Feasibility of a Simulation-Based																
		Elective in Robotic and Minimally																
Poster		Invasive Surgery for Medical						The Ohio State University										
Presentation	AEI2019	Students	no	no	Sophia	Roberts	BS	Medical Center	X									
		How Well do Dynamic Models of																
		Teamwork in Surgical Simulations																
Poster		Reflect those of Live Patient						UCLA School of Medicine /										Surgical
Presentation	AEI2019	Encounters?	yes	no	Ronald	Stevens	PhD	The Learning C										Research
		Implementation of the Structured	Í															
Poster		Training for Endovascular																
Presentation	AEI2019	Techniques (STENT) Curriculum	no	no	Morgan	Cox	MD, MHS	Duke University	X									
					Ĭ	†		•										
																		Using
																		simulation for
Poster		International Collaboration through																international
Presentation	AEI2019	Simulation in the Health Sciences	yes	no	Erik	Norbie	BA	University of Minnesota										collaboration
		Introducing Tattoos to Advanced	Í															
Poster		Trauma Life Support (ATLS): A						CENTER FOR ADVANCED										
Presentation	AEI2019	Process Improvement Initiative	no	no	Luis	Llerena	MD, FACS	MEDICAL LEARNING AND				X						
		Laparoscopic Port Placement				†												
Poster		Concepts; It's All About																
Presentation	AEI2019	Fundamentals	yes	no	Nimesh	Naik	MD	Mayo Clinic Rochester		Х								
Poster		Multiuse low-cost hematemesis	,					VA Pittsburgh Healthcare										
Presentation	AFI2019	mannequin	no	no	Jorge	Lara-Gutierrez	MD	System										Innovation.
		Reconstruction of Marginal	110	110	55,95	Land Oddioi102	+-	<b>+</b> * **										
		Mandibular Defects Utilizing Bone				1	1									ĺ		1
		Marrow Aspirate Concentrate from				1	1									ĺ		1
Poster		the Anterior Iliac Crest: A Less						Thomas Jefferson University										
Presentation	AE12010	_	no	no	Shachika	Khanna	BDS, DMD	Hospital						Х		ĺ		1
i resemation	AEIZU 19	INICIDIA OSLEOGENIO OPLION	IIU	no	Shachika	midilia	DDO, DIVID	ι ισορικαι						^		L		

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		Residency preparatory courses	1						·									
		effectively prepare graduating																
Poster		medical students for surgical																
Presentation	AEI2019	internship	no	no	John	Martin		Indiana University			X							
		Resident Opinions of the Value and																
Poster		Optimal Content of a Technical																
Presentation	AEI2019	Skills Curriculum using Simulation	no	no	Robert	Naples	DO	Cleveland Clinic	X									
		Training Multidisciplinary Teams in				i i												
Poster		Nontechnical Skills and OR Safety						University of Rochester										
Presentation	AEI2019	Using Simulation Based Training	no	no	Katherine	Jackson	MD	Medical Center	X	X			X					
		Use of Mock Oral Boards as an																
Poster		Assessment Tool in Simulation																
Presentation	AEI2019	Based Burn Management Training.	no	no	Asit	Misra	MD	OhioHealth Learning		X	X							
		Using a Simulation Based																
		Curriculum to Teach General																
Poster		Surgeons Obstetric & Gynecological						Naval Medical Center										
Presentation	AEI2019	Skills	no	no	Donald	Delorey	PHD	Portsmouth	X									
		Validation of a Novel Needle Holder																
		to Train Advanced Laparoscopy																
Poster		Skills to Novices in a Simulator						Karolinska University Hospital						.,				
Presentation	AEI2019	Environment.	yes	no	Ninos	Oussi	MD	Sweden						Χ				
		What should we teach in a general																
Б.,		surgery simulation curriculum? A					14000140											
Poster	. =	faculty and resident needs					MBBS MSc	MITIE	V									
Presentation	AEI2019	assessment	yes	no	Karen	Dickinson	MD FRCS	MITIE	X									
		Assembling the Puzzle that is																
D		Surgical Education: A Look at a																
Research	AE10040	Proficiency-Based Knot-Tying and			C	Names	MD	Decument Health Custom	X	Х	Х							
Idea	AEI2010	Suturing Curriculum The Missing Link: Integrating the	no	no	3	Nagar	טואו	Beaumont Health System	^	^	^							
		Patient Population with Surgical																
Research		Education through Web-based																
Idea	AEI2010	Training and In-situ Simulation®	no	no	William	Hamman	MD. PhD	Beaumont Health System	X	Х		×	Х					
luea	AEIZU IU	Determination of Standardized	110	110	vviillaiti	Паннан	IVID, FIID	Deaumont Health System	^	^		^	^					
		Tasks and Assessment for a																
Research		Simulation-Based Curriculum in																
Idea	AEI2011	Arthroscopic Knee Surgery	no	no	Marie-Eve	LeBel	MD, FRCSC	University of Western Ontario	Х	Χ								
1454	7112011	No More Hotel Stays for ABS		110	Mano Evo	Lobol		Chiresony of treatent Chinains	,									
		Examiners or Examinees: A Pilot																
Research		Study to Assess the Internet as an																
Idea	AEI2011	Oral Exam Platform	ves	no	David	Farley	MD	Mayo Clinic Rochester		X	X							
		Evaluation of Stress on																
		Laparoscopic Skills of Surgical																
Research		Residents in Simulation-Based																
Idea	AEI2012	Education	no	no	William	Boyer	DHSc	Lehigh Valley Health Network		X	X		X					
		French language adaptation of the																
		O.S.A.T.S score for a technical				1	1				1							
Research		skills : methodology and preliminary				1	L	L			ļ ,,							
ldea	AEI2013	results of the score adaptation	yes	no	Jean	Breaud	PhD	University of Nice			X							
		Introduction of VR Simulation Based									ĺ							
		National Training Course on				1	1				1						[	
L .		Neurosurgery at Congress of				1	1				1							
Research	. = 15 - 11	Neurological Surgeons (CNS):			_	<u> </u>	1	l	V			V		\ \ \ \ \				
Idea	AEI2013	Preliminary Results	no	no	Ben	Roitberg	MD	University of Chicago	X	Χ	X	X		X				

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		Laboratory Simulation is Useful in																
Research		Training Residents in Bowel and						Providence Hospital and										
Idea	AEI2013	Vascular Anastomosis	no	no	Vijay	Mittal	MD	Medical Centers	X	X				X				
Research		Faculty Development Practices at						ACS AEI Faculty Development										
Idea	AEI2015	ACS AEI's	no	no	Jeffrey	Cooper	PhD	Committee Study Paper	X	X								
		Mentorless Training Program																
Research		Results in Significant Improvement																
Idea	AEI2017	in Students' Surgical Skills	no	no	Michelle	Leong	BS	Grainger/Northshore		X								
		\$500 REWARD: What Millennial																
Work in	. =	Surgery Residents Will Do for a														· · ·		
Progress	AEI2009	Buck	no	no	David	Farley	MD, FACS	Mayo Clinic Rochester								Х		
Work in	4 E10000	A Six-part Program for Teamwork			1-46	0	DI-D	O t f M - di l Ois d - ti								Х		
Progress	AEI2009	Improvement in Surgery	yes	no	Jeffrey	Cooper	PhD	Center for Medical Simulation								^		
		An Evaluation of the Usefulness of																
		the Standardized Patient																
		Methodology in the Assessment of																
Work in		Surgery Residents' Communication																
Progress	AEI2009	and Professionalism	no	no	Mohsen	Shabahang	MD, PhD	Texas A&M / Scott and White									X	
rogroco	ALIZOUS	Impact of a Structured Training and		110	WOUGCII	Orlabariarig	INID, T IID	Toxac / taili / Cook and Willio										
		Assessment Curriculum (STAC) on																
Work in		the Quality of Skill Acquisition in																
Progress	AEI2009	MIS	no	no	Neil	Orzech	MD	University of Toronto									X	
Ŭ		Using a 24/7 Audiovisual System to						,										
		Create a Dynamic Surgical																
Work in		Curriculum and Assess Learners for	•															
Progress	AEI2009	Competency	no	no	David	Farley	MD, FACS	Mayo Clinic Rochester								X		
Work in																		
Progress	AEI2010	Surgical In-situ Simulations	no	no	William	Hamman	MD, PhD	Beaumont Health System	X	X		X						
		Using Deliberate Practice to Train																
Work in		Higher-Order Skills in Laparoscopic											.,					
Progress	AEI2010	Surgery	yes	no	Jeffrey	Beaubien	PhD	Beaumont Health System	Х	Х	Х		Х	Х				
Work in	A E 10040	YouTube Video + Simulation =			D i i .	7		Maya Clinia Dashastar	X			V						
Progress Work in	AEI2010	Master TEP Hernia Surgeon?	no	no	Benjamin	Zendejas		Mayo Clinic Rochester	^	Х		Х						
Progress	AEI2011	A Simulation Assessment Tool for Tubal Ligation	no	no	Carmen	Sultana	MD	Thomas Jefferson University	X	X	×							
riogiess	ALIZUTT	Data-Driven Optimization of	110	110	Carmen	Juitaria	IVID	Thomas Jenerson Oniversity			^							
		Surgeon Skills for Enhanced																
Work in		Training, Simulation, and																
Progress	AEI2011	Assessment	yes	no	Noaman	Ali	MD	Beaumont Health System		Х								
	, KEIZO I I	Design and Validation of a Surgical		110	rtouman	7 41	5											
		Skills Assessment Tool for																
Work in		Laparoscopic Roux-en-Y Gastric																
Progress	AEI2011	Bypass	yes	no	Boris	Zevin	MD	University of Toronto	X		X		Х					
		Integration of a Curriculum for the						-										
		Surgeons Training Endoscopic																
Work in	1	Proficiency (STEP) Program into				1					1					1		
Progress	AEI2011	General Surgery Residency	no	no	Andrew	Kastenmeier	MD	Lahey Health System	X	X								
1		Integration of Procedural Skills																
		Simulation and Just In Time														ĺ		
Work in	1	Training into an Advanced Physical				1	l				,					1		
Progress	AEI2011	Diagnosis Program	no	no	Edward	Jasper	MD	Thomas Jefferson University	X	X	X		X			1		

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		Utilization of Simulation Based																
		Training and Objective Structured																
		Assessment of Technical Skills for																
		Credentialing of Central Venous and																
Work in		Arterial Line Placement in the																
Progress	AEI2011	Surgical Intensive Care Unit	no	no	Noaman	Ali	MD	Beaumont Health System	X	X	X		X					
		Initial Steps Towards the																
		Development of a De Novo																
Work in		Simulation-Based Anesthesia																
Progress	AEI2012	Curriculum	no	no	Edwin	Ozawa	MD, PhD	Lahey Health System	X	X			X					
		The Anatomy of Bronchoscopy																
		Simulation: Enhancing Experiential																
Work in		Learning through Embedded						SiTEL's Clinical Simulation										
Progress	AEI2012	Research Algorithms (EMA)	no	no	Robert	Hafey	BS	Center of MedStar Health	X	X	X	X	X					
		Fundamentals of Laparoscopic																
		Surgery Manual Test: Is videotaped																
Work in		performance assessment an																
Progress	AEI2013	option?	no	no	Deborah	Rooney	PhD	University of Michigan	X		X	X						
Work in		Physician Perception of Frailty and																
Progress	AEI2013		no	no	Mark	Ferguson	MD	University of Chicago	X									
		Pilot Study Using Virtual Reality																
		Simulation to Create a Novel																
		Objective Test Battery of Sensory-																
Work in		motor Skills in Candidates for a			_				v									
Progress	AEI2013	Surgical Residency.	no	no	Ben	Roitberg	MD	University of Chicago	X	Х	Х							
		A Model Curriculum of Immersive																
		Simulation of Airway Emergencies																
Work in		to Enhance Professionalism in				L												
Progress	AEI2014	Resident Education	no	no	Angela	Blood	MPH, MBA	University of Chicago	Х	Х	Х							
) A / I !		Dedicated Two Week Proficiency-						Constitution (Alloweth Observe										
Work in	4510045	based Simulation Curriculum for			D t -	T	MD DLD	Grainger (NorthShore	V	V	V			V				
Progress Work in	AEI2015	Surgical Residents Roles of Simulation in Ebola	no	no	Ryota	Tanaka	MD, PhD	University)	Х	X	Х			Х				
Progress	AEI2015	Preparedness Training		no	Gladys	Fernandez	MD	Baystate Simulation Center		Х		Х	Х					
Progress	AE12015	Simulation versus Operating Room:	no	110	Glauys	remanuez	טועו	Baystate Simulation Center		^		^	^					
		Examining Relations between																
		Emotional States, Learning																
		Processes, and Technical Skills																
Work in		Performance across Training																
Progress	AEI2015	Environments	ves	no	Melissa	Duffy	MA	McGill University		Χ	X							
riogroco	ALIZOTO	Simulation-based Training for	yes	110	Wienesa	Duny	1417 (	INICOM CHIVOTORY		Λ			1					
		Safety Incidents: Lessons from																
Work in		Analysis of Adverse Events in						Rush University Medical										
Progress	AEI2015	Robotic Surgical Systems	ves	no	Jaishankar	Raman	MD	Center (University of Chicago)	Х	X			Х					
g	7 12.2010	Teaching Professionalism in	joo						,				1					
Work in		Graduate Medical Education: What																
Progress	AEI2015	is the Role of Simulation?	yes	ves	Eisha	Wali	BS	Case Western	X	X		X						
Ŭ		Direct Anterior Approach THA	<u> </u>	ĺ														
		Course Curriculum: An																
Work in		Interprofessional and Experiential					DPM,				ĺ					ĺ		
Progress	AEI2016	Learning Model	no	no	Lara	Murphy	BSc(Hons)	CSTAR	X		ĺ					ĺ		
		Innovations In 3D Modeling And					1 ' '											
Work in		Surgical Planning In General				1	1				1					1		
Progress	AEI2016	Surgery	no	no	Ciro	Andolfi	MD	University of Chicago			X	X	X			1		

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Abstract		Oh. The Stress of Simulation! Role	Judy	Jurgery	Tilstitallie	Last Haine	Credentials	montute	Development	Wethous	Lvaluations	Lvaidations	Jaiety	Outcomes	investigation	Luucation	Development	Other
Work in		of Skin Conductance as A Stress																
Progress		Indicator in Surgical Education.			Monali	Mohan	MD	Mavo Clinic Rochester			_	Χ						
Progress		A Comparison of Rotation-	no	no	Ivionali	wonan	IVID	Mayo Cililic Rochester			^	^						
		Integration and Block-time																
Work in		Integration of the ACS/APDS																
Progress	AEI2017	Surgical Skills Curriculum	no	no	George	Ormond	мр	University of Vermont	X	Х	X	X						
og. oco	7 (2.12017	Designing and Evaluating an	110	110	Coorgo	Official	2	Chiralisty of Commons	, , , , , , , , , , , , , , , , , , ,									
		Interpersonal and Communication																
		Skills Curriculum Incorporating																
		ACGME General Surgery																
		Milestones: Opportunities and																
Work in		Challenges in Simulation-Based																
Progress	AEI2017	Approaches	no	no	Paul	Huffstutter	MD, FACS	UTCAMS	X	X	X	Χ						
		Increasing survival of healthcare																
		personnel during an active shooter																
		attack: Establishing Face Validity of																
Work in		an interactive simulation training as																
Progress		a better teaching modality	no	no	Marcos	Molina	MD	University of Minnesota	X									
		Intensive, Integrated Pre-clinical																
Work in		Surgical Immersion Curriculum for																
Progress	AEI2017	Early Exposure to Surgery	no	no	Brittany	Hasty	MD	Stanford University	X		X							
Work in	A E 10047	Operating Room Crisis Checklists:			A Is	Totalean	DI-D MO	INION (A	×				Х					
Progress		Development of Simulation Training	no	no	Amber	Trickey	PhD, MS	INOVA	^				^					
Work in		Successful Implementation and Improvements Identified with in-situ																
Progress	AEI2017	Simulated Resuscitation Cases	no	no	Robert	Doiron	MD	UC Davis					Х					
Progress	AEIZU17	The Translation of Simulation-	110	110	Robert	Dollon	IVID	OC Davis					^					
Work in		Based Sharps Safety Education to																
Progress		Clinical Surgical Practices	no	no	Melinda	Klar	RN	UTCAMS		Х		X	Х					
rogroco	ALIZOTI	Trauma Team Performance	110	110	Wiciirida	Nai	100	0 1 0 1 WIG				Λ						
		Training: Development and Pilot of																
Work in		and Interprofessional Monthly																
Progress	AEI2017	Simulation on the Trauma Service	no	no	Tess	Aulet	MD	University of Vermont	X									
		Using 3-D Anatomy Models						·										
		Facilitates Cross-sectional																
		Radiological Anatomy Learning for																
		Surgery Residents: a randomized																
Work in		controlled crossover trial□																
Progress	AEI2017		no	no	Francisco	Cardenas	MD	Mayo Clinic Rochester	X	X	X							