



Program in General Surgery Simulation Curriculum Map

Educational Objective	Teaching Method / Venue	Evaluation Method	Proof of Competency
INTERN YEAR			
Professionalism & communication skills in residency	Didactic & demonstration Reading: <i>Forgive & Remember</i> (Bosk) / Orientation	Oral examination with cased-based scenarios	Program director-led discussion
Placement of NGT/Foley	Simulation / Boot camp		
Airway management*	Simulation / ATLS	Observation & exam	Passed examination & received certification
Asepsis and instrument identification*	Didactic & demonstration	Written exam	Passed written exam
Central line insertion & arterial lines*			
Chest tube & thoracentesis*	Simulation / ATLS and boot camp	Observation & exam	Passed examination & received certification
Documentation & dictations	Didactic & demonstration / Orientation	Simulation: dictate a procedure	Passed skill performance examination
Duty hour and procedural logging	Didactic & demonstration / Orientation	Simulation: log a procedure	Passed skill performance examination
Ultrasound basics	Didactic & demonstration / Boot camp	Written examination	Passed written examination
Gowning, gloving & scrub training	Skills lab with hospital-provided supplies	Simulation: gown, glove & scrub at sink	Passed skill performance examination
Knot tying*	Skills lab with knot tying boards	Simulation: tie one-handed & two-handed knots	Passed skill performance examination
Introduction to laparoscopy*	Skills lab with box trainer	Simulation: basic skills with box trainer	Passed skill performance examination
Suturing / stapling*	Skills lab with industry-provided kits & online course / Boot camp	Post-training simulation	Passed skill performance examination

Educational Objective	Teaching Method / Venue	Evaluation Method	Proof of Competency
SAFER Sleep Deprivation Program	Online course	Post-module online examination	Passed online examination & received certification
Tissue handling, dissection and wound closure*	Didactic & simulation	Observation & exam	
Basic laparoscopy*	Didactic & simulation / Boot Camp	Observation	
Laparoscopic cholecystectomy	Didactic & simulation	ABS Observation	ABS Observation
Laparoscopic inguinal hernia repair*	Didactic & simulation	ABS Observation	ABS Observation
Laparoscopic right colon resection*	Didactic & simulation	Observation	
Laparoscopic sigmoid resection*	Didactic & simulation	Observation	
PGY-2			
Advanced Trauma Operative Management (ATOM)			
Colonoscopy*	Didactic & demonstration Skills lab simulation	Observation	
Vascular anastomosis*	Didactic & demonstration Skills lab simulation	Observation	
Laparoscopic appendectomy*	Didactic & demonstration Skills lab simulation	Observation	
Laparoscopic inguinal hernia repair*	Didactic & demonstration Skills lab simulation	ABS Observation	ABS Observation
Laparoscopic right colon resection*	Didactic & demonstration Skills lab simulation	ABS Observation	ABS Observation
Laparoscopic sigmoid resection*	Didactic & demonstration Skills lab simulation		
Laparoscopic ventral hernia repair*	Didactic & demonstration Skills lab simulation	ABS Observation	ABS Observation
Laparoscopic/open cholecystectomy*	Didactic & demonstration Skills lab simulation	ABS Observation	ABS Observation
Open inguinal/femoral hernia repair*	Didactic & demonstration Skills lab simulation	ABS Observation	ABS Observation
Open right colon resection*	ATOM course	Online exam	Online exam

Educational Objective	Teaching Method / Venue	Evaluation Method	Proof of Competency
PGY-3			
Fundamentals of Laparoscopic Surgery (FLS)	Simulation	Simulation	FLS Test / Certification
PGY-4			
ATOM Part 2	Simulation	Simulation	Test / Certification
Advanced Surgical Skills for Exposure in Trauma (ASSET)			Test / Certification
Chief Year			
Advanced Surgical Skills for Exposure in Trauma (ASSET)	Cadaver lab	Observation	Test / Certification
Team training	Simulation	Observation	

*Denotes American College of Surgeons (ACS)/Association of Program Directors in Surgery (APDS) resident skills curriculum