

**PGY4 Supervision Guidelines**  
**General Surgery Residency,**  
**Thomas Krummel, MD, Program Director**

Competencies define procedures or activities that the residents can usually perform without on site supervision: The underlying patient condition and complexity of the procedure might dictate the need for direct supervision and physical presence of the attending physician. Whenever a question arises about resident/clinical fellow competency to perform a procedure independently, the attending physician should be consulted.

**R4 Fourth Year Surgery Resident**

Abdominal entry: Veress Needle  
Abdominal entry: Hassan Technique  
Airway management, stable/unstable, trauma: Adult/Pediatrics  
Anesthesia - local: Adult/Pediatrics  
Anesthesia - field block: Adult/Pediatrics  
Anesthesia - peripheral nerve block: Adult/Pediatrics  
Ankle-brachial index: Adult/Pediatrics  
Arterial line -insert and remove: Adult/Pediatrics  
Arthrocentesis -lower extremity: Adult  
Arthrocentesis -upper extremity: Adult  
Bladder irrigation: Adult/Pediatrics  
Blood gases - arterial: Adult/Pediatrics  
Bronchoscopy -Adult  
Cardiopulmonary resuscitation - closed: Adult/Pediatrics  
Cardiopulmonary resuscitation - open: Adult/Pediatrics  
Cardioversion: Adult/Pediatrics  
Cast/splint (apply and remove) - for fracture: Adult/Pediatrics  
Cast/splint (apply and remove) - for immobilization/protection: Adult/Pediatrics  
Central Venous line - insert and remove: Adult/Pediatrics  
Chest tube -insert and remove: Adult/Pediatrics  
Compartment pressure measurement: Adult/Pediatrics  
Cricothyroidotomy, emergency: Adult/Pediatrics  
Cultures (urine/sputum/wound): Adult/Pediatrics  
Cutdown (venous) -insert and remove: Adult/Pediatrics  
Cutdown (arterial) - insert and remove: Adult/Pediatrics  
Defibrillation: Adult/Pediatrics  
Doppler study - venous: Adult/Pediatrics  
Doppler study - arterial: Adult/Pediatrics  
Doppler study - graft/fistula: Adult/Pediatrics  
Drainage tube (fluid/blood/pus - not chest or mediastinal) - insert and remove: Adult/Pediatrics  
Drug administration - intravenous: Adult/Pediatrics  
Drug administration - intra-arterial: Adult/Pediatrics  
Endotracheal suctioning: Adult/Pediatrics  
Endotracheal/nasotracheal intubation: Adult/Pediatrics  
Foley catheter -insert and remove: Adult/Pediatrics  
Gastric lavage: Adult/Pediatrics  
Incision and drainage, abscess/fluid collection/cyst: Adult/Pediatrics  
Incision for laparotomy  
Laceration repair: Adult/Pediatrics  
Laryngoscopy: Adult/Pediatrics

Long intestinal tube - insert and remove: Adult/Pediatrics  
Lumbar puncture: Adult/Pediatrics  
Mediastinal tube - insert and remove: Adult  
Nasal packing - anterior: Adult/Pediatrics  
Nasal packing - posterior: Adult/Pediatrics  
NG tube - insert and remove: Adult/Pediatrics  
Other resuscitation: Adult/Pediatrics  
Other wound care - not debridement (change/replace dressing; clean): Adult/Pediatrics  
Pacemaker/pacer wires, transthoracic - insert and remove: Adult  
Pacemaker/pacer wires, transvenous - insert and remove: Adult  
Paracentesis/acute PD catheter: Adult/Pediatrics  
Percutaneous needle aspiration/drainage/biopsy for fluid collection/cyst/abscess/mass: Adult/Pediatrics  
Perform/interpret lab tests (spin Hct/do, UA/EKG/gram stain/peripheral smear/etc.): Adult/Pediatrics  
Pericardiocentesis: Adult  
Peritoneal lavage: Adult/Pediatrics  
Phlebotomy (including blood cultures): Adult/Pediatrics  
Pleurodesis: Adult/Pediatrics  
Pulmonary artery catheter - insert and remove: Adult  
Rectal tube -insert and remove: Adult/Pediatrics  
Remove foreign body: Adult/Pediatrics  
Sclerosis, other (eg, seroma): Adult/Pediatrics  
Sigmoidoscopy/anoscopy - with biopsy: Adult  
Sigmoidoscopy/anoscopy - without biopsy: Adult  
Sutures/staples - insert and remove: Adult/Pediatrics  
Thoracentesis: Adult/Pediatrics  
Thoractomy, emergency: Adult/Pediatrics  
Tracheotomy, emergency: Adult  
Umbilical artery catheter - insert and remove: Pediatrics  
Venous line - insert and remove: Adult/Pediatrics  
Wound debridement: Adult/Pediatrics