## General Surgery Levels of Care

(1) At the attending faculty's discretion, direct supervision of a more junior resident may be delegated to a senior resident (PGY-4/PGY-5) with the faculty providing indirect supervision.

(2) Faculty may have any level of resident perform any procedure with direct supervision for which the faculty is credentialed.

Procedure/Skill	Level of Care	Supervision	Milestone/Competency
perform and document H&P	PGY 1-5	Oversight	PC, MK, PBL, SBP, IC, P
obtain informed consent	PGY 1-5	Oversight	PC, MK, PBL, SBP, IC, P
order, interpret labs	PGY 1-5	Oversight	PC, MK
order, interpret radiologic studies	PGY 1-5	Oversight	PC, MK
perform and document postop care	PGY 1-5	Oversight	PC, MK, PBL, SBP, IC, P
dictate discharge, Op note	PGY 1-5	Oversight	PC, MK, PBL, SBP, IC, P
discuss medical condition, prognosis w/ patient and family	PGY 1-5	Oversight	PC, MK, PBL, SBP, IC, P
Bx skin lesion/SubQ lesion	PGY 1-5	Direct	PC, MK
suture laceration	PGY 1-5	Indirect	PC, MK
drain abscess	PGY 1-5	Indirect	PC, MK
central line/port placement (subclavian, IJ, femoral)	PGY 1-5	Direct until required number met - then Indirect	PC, MK
arterial line placement	PGY 1-5	Direct until required number met - then Indirect	PC, MK
chest tube insertion	PGY 1-5	Direct until required number met - then Indirect	PC, MK
chest tube removal	PGY 1-5	Indirect	PC, MK
wound care	PGY 1-5	Indirect	PC, MK
escharotomy, fasciotomy	PGY 1-5	Direct	PC, MK
skin grafting	PGY 1-5	Direct	PC, MK
diagnose and repair uncomplicated inguinal hernia	PGY 1-5	Direct	PC, MK, PBL
fine needle aspiration	PGY 1-5	Direct	PC, MK
tru-cut biopsy	PGY 1-5	Direct	PC, MK
first assist in cardiac surgery	PGY 1-5	Direct	PC, MK, PBL, SBP
provide postop care to CT patient	PGY 1-5	Indirect	PC, MK, PBL, SBP, IC, P
manages ventilator	PGY 1-5	Indirect	PC, MK, PBL, SBP
interprets hemodynamic monitoring	PGY 1-5	Indirect	PC, MK
pediatric surgical procedures	PGY 1-5	Direct	PC, MK
debridement of diabetic foot wound	PGY 1-5	Direct	PC, MK

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amputate toe, finger	PGY 1-5	Direct	PC, MK
tracheostomy	PGY 1-5	Direct	PC, MK
PEG tube placement	PGY 1-5	Direct	PC, MK
gastrostomy tube placement	PGY 1-5	Direct	PC, MK
debridement of necrotizing soft tissue infection	PGY 1-5	Direct	PC, MK
trauma resuscitation	PGY 1-5	Direct	PC, MK, PBL, SBP, IC
BKA/AKA	PGY 1-5	Direct	PC, MK
amputate arm/forearm	PGY 1-5	Direct	PC, MK
therapeutic and diagnostic endovascular procedures	PGY 1-5	Direct	PC, MK
thyroidectomy	PGY 1-5	Direct	PC, MK
parathyroidectomy	PGY 1-5	Direct	PC, MK
EGD	PGY 1-5	Direct	PC, MK
repair perforation	PGY 1-5	Direct	PC, MK
esophagectomy	PGY 1-5	Direct	PC, MK
repair gastric/duodenal perforation	PGY 1-5	Direct	PC, MK
gastrectomy	PGY 1-5	Direct	PC, MK
Nissen, Toupet, Heller myotomy	PGY 1-5	Direct	PC, MK
adrenalectomy	PGY 1-5	Direct	PC, MK
manage intraop emergencies (enterotomy, bleeding, etc.)	PGY 1-5	Direct	PC, MK, PBL, SBP, IC
cholecystectomy (lap or open)	PGY 1-5	Direct	PC, MK
laparoscopy	PGY 1-5	Direct	PC, MK
hepatobiliary surgery	PGY 1-5	Direct	PC, MK
pancreatic surgery	PGY 1-5	Direct	PC, MK
organ harvest	PGY 2-5	Direct	PC, MK, PBL, SBP, IC, P
kidney, liver, pancreas transplant	PGY 1-5	Direct	PC, MK
carotid entarterectomy, repair	PGY 1-5	Direct	PC, MK
repair small bowel	PGY 1-5	Direct	PC, MK
enterectomy	PGY 1-5	Direct	PC, MK
lysis of adhesions	PGY 1-5	Direct	PC, MK
repair colon	PGY 1-5	Direct	PC, MK
partial or total colectomy	PGY 1-5	Direct	PC, MK
proctectomy, APR	PGY 1-5	Direct	PC, MK
creation of enterostomy, colostomy	PGY 1-5	Direct	PC, MK
creation of feeding tube OPEN	PGY 1-5	Direct	PC, MK

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closure of enterostomy, colostomy	PGY 1-5	Direct	PC, MK
appendectomy	PGY 1-5	Direct	PC, MK
colonoscopy	PGY 1-5	Direct	PC, MK
resuscitative thoracotomy	PGY 1-5	Direct	PC, MK
damage control laparotomy	PGY 1-5	Direct	PC, MK
aterial anastomosis	PGY 1-5	Direct	PC, MK
aortic reconstruction	PGY 1-5	Direct	PC, MK
infrainguinal artery bypass	PGY 1-5	Direct	PC, MK

#### Supervision:

**Direct**-the supervising physician is physically present with the resident and patient.

A faculty physician, other than another resident, is physically present during the key portions of the procedure or is immediately available.

**Indirect**-the supervising physician is physically within the hospital or other site of patient care and is immediately available to provide direct supervision.

**Oversight** - the supervising physician is available to provide review of procedures/encounters with feedback after care is provided.

### **Core Competencies:**

- 1. Patient Care (PC)
- 2. Medical Knowledge (MK)
- 3. Practice-Based Learning & Improvement (PBL)
- 4. Systems-Based Practice (SBP)
- 5. Interpersonal & Communication Skills (IC)
- 6. Professionalism (P)