

Surgery End of Rotation™

EXAM TOPIC LIST

GASTROINTESTINAL/NUTRITIONAL

Gastrointestinal/nutritional diagnoses

Anal disorders
Appendicitis
Bowel obstruction
Cholecystitis/cholelithiasis
Diverticulitis
Gastrointestinal bleeding
Hiatal hernia
Ileus
Inflammatory bowel disease
Malignancy of the gastrointestinal tract
Obesity
Pancreatitis
Peritonitis
Toxic megacolon

Perioperative gastrointestinal/nutritional risk assessment and complications

Gastrointestinal/nutritional procedures

Abdominal drains
Colonoscopy
Endoscopic retrograde cholangiopancreatography
Endoscopy
Ileostomy
Nasogastric tubes
Parenteral nutrition
Percutaneous endoscopic gastronomy tube

CARDIOVASCULAR/VASCULAR

Cardiovascular/vascular diagnoses

Acute arterial occlusion
Aortic aneurysm
Aortic dissection
Chronic arterial insufficiency
Chronic venous insufficiency
Compartment syndrome
Coronary artery disease
Carotid artery stenosis
Intestinal ischemia
Renal vascular disease
Valvular heart disease
Varicose veins

Perioperative cardiovascular/vascular risk assessment and complications

Cardiovascular/vascular procedures

Advanced cardiac life support
Arteriovenous fistula placement
Central line placement
Permacath/port placement
Vascular access

PULMONARY/THORACIC SURGERY

Pulmonary/thoracic diagnoses

Chylothorax

Empyema

Hemothorax

Lung malignancy

Mediastinal disorders

Pleural effusion

Pneumothorax

Pulmonary nodule

Perioperative pulmonary/thoracic surgery risk assessment and complications

Pulmonary/thoracic surgery procedures

Chest tube

Thoracentesis

BREAST SURGERY

Breast surgery diagnoses

Breast abscess

Benign breast disease

Carcinoma of the female breast

Carcinoma of the male breast

Disorders of the augmented breast

Fat necrosis

Mastitis

Phyllodes tumor

Perioperative breast surgery risk assessment and complications

Breast surgery procedures

Biopsy

DERMATOLOGY

Dermatology diagnoses

Burns

Cellulitis

Dermatologic neoplasms

Epidermal inclusion cyst

Hidradenitis suppurativa

Lipoma

Pressure ulcer

Perioperative dermatology risk assessment and complications

Dermatology procedures

Aspiration of seroma/hematoma

Incision and drainage of abscess

Skin biopsy

Skin graft and flap

Suturing

UROLOGY/RENAL

Urology/renal diagnoses

Benign prostatic hyperplasia
Nephrolithiasis
Paraphimosis/phimosis
Testicular torsion
Urethral stricture
Urologic/renal neoplasms

Perioperative urology/renal risk assessment and complications

Urology/renal procedures

Lithotripsy
Urinary catheterization
Vasectomy

TRAUMA/ACUTE CARE

Trauma/acute care diagnoses

Acute abdomen
Alteration in consciousness
Compound fractures
Shock

Perioperative trauma/acute care risk assessment and complications

Trauma/acute care procedures

Transfusion

NEUROLOGY/NEUROSURGERY

Neurology/neurosurgery diagnoses

Carpal tunnel syndrome
Epidural hematoma
Neurologic neoplasms
Subarachnoid hemorrhage

Perioperative neurology/neurosurgery risk assessment and complications

Neurology/neurosurgery procedures

Lumbar puncture

PAIN MEDICINE/ANESTHESIA

Pain medicine/anesthesia diagnoses

Acute pain
Chronic pain
Substance use disorder

Perioperative pain medicine/anesthesia risk assessment and complications

Pain medicine/anesthesia procedures

Endotracheal intubation
Intravenous line placement
Local and regional anesthesia

ENDOCRINOLOGY

Endocrinology diagnoses

Adrenal disorders

Endocrine neoplasms

Parathyroid disorders

Pituitary disorders

Thyroid disorders

Perioperative endocrinology risk assessment and complications

Endocrinology procedures

Fine needle biopsy

DISCLAIMER

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These resources will be useful to faculty when determining which other supervised clinical education experience objectives may require additional assessment tools. These resources may also be useful to students when studying for the exam; however the Topic Lists are not a comprehensive list of all the exam question topics. PAEA's goal is not to provide a list of all the topics that might be on the exams, but rather to provide students with a resource when preparing for the exams. PAEA recommends that students review the Topic List, Blueprint, and Core Tasks and Objectives in conjunction when preparing for the exam.