

Surgery End of Rotation™ EXAM TOPIC LIST

GASTROINTESTINAL

Gastrointestinal 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 risk assessment and complications

Gastrointestinal procedures

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

CARDIOVASCULAR

Cardiovascular 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 risk assessment and complications

Cardiovascular procedures

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

PULMONARY/THORACIC SURGERY

Pulmonary/thoracic surgery 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

DERMATOLOGIC

Dermatologic diagnoses

Burns
Cellulitis
Dermatologic neoplasms
Epidermal inclusion cyst
Hidradenitis suppurativa
Lipoma
Pressure ulcer

Perioperative dermatologic risk assessment and complications

Dermatologic procedures

Aspiration of seroma/hematoma
Incision and drainage of abscess
Skin biopsy
Skin graft and flap
Suturing

RENAL/GENITOURINARY

Renal/genitourinary diagnoses

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

Perioperative renal/genitourinary risk assessment and complications

Renal/genitourinary 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

NEUROLOGIC/NEUROSURGERY

Neurologic/neurosurgery diagnoses

Carpal tunnel syndrome
Epidural hematoma
Neurologic neoplasms
Subarachnoid hemorrhage

Perioperative neurologic/neurosurgery risk assessment and complications

Neurologic/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

ENDOCRINE

Endocrine diagnoses

Adrenal disorders

Endocrine neoplasms

Parathyroid disorders

Pituitary disorders

Thyroid disorders

Perioperative endocrine risk assessment and complications

Endocrine procedures

Fine needle biopsy

DISCLAIMER

The End of Rotation Topic Lists, Blueprints, and Core Tasks and Objectives are resources used by PAEA to guide the development of exam content and construction of exam forms. Questions on the exam are considered only a sample of all that might be included for the clinical experience, they are not intended to be all-inclusive, and may not reflect all content identified in the Topic Lists.

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.