

Pediatric General Surgery

Medical Staff:	Dr. Ioana Bratu Dr. Simon Byrns Dr. Bryan Dicken Dr. Abdullah Saleh Dr. Troy Perry
Admin Contact:	gsurgpg@ualberta.ca 780-407-6325
Rotation Educational Lead:	Dr. Troy Perry teperry@ualberta.ca

PREAMBLE:

1. Pediatric general surgery is located primarily at the Stollery Children's Hospital site, and includes inpatient care and consultation, emergency assessment, outpatient clinics and operating room experience under the supervision of the attending pediatric general surgeons
2. This is a mandatory rotation for 1st year pediatric residents
3. At the end of the rotation, the resident will have a better understanding of the common surgical problems affecting infants and children, including the peri-operative and post operative management (including pain management) of these children.

ROTATION SPECIFIC OBJECTIVES:

Role	Key Competencies
Medical expert / clinical decision maker	The resident will be able to demonstrate knowledge concerning: • Fundamentals of preoperative assessment • Appropriate indications for referral to a pediatric general surgeon with understanding of urgency • Principles of perioperative management – fluids, antibiotics, fasting • Principles of a pediatric trauma assessment • Post operative management, and management of pain The resident will be able to demonstrate the following skills: • Simple wound closure techniques including suturing The resident, using the relevant knowledge, skills and attitudes, will be able to recognize, diagnose and initiate management of the following problems: • Hernias • The acute abdomen, including diagnosis and management of appendicitis • Acute scrotal pain • Bowel obstruction

	• Abscess • Abdominal masses • Abdominal trauma • Common surgical problems of the newborn • Gastrostomy tube complications • Gastroesophageal reflux disease requiring surgical intervention • Vascular access via in-dwelling catheters
Communicator	• Must be able to present case findings in a concise and organized fashion • Must be able to effectively communicate findings and recommendations in a written form (i.e. written consultation) • Must communicate effectively with patients / parents so as to deal with all concerns
Collaborator	• Must be able to work effectively and respectfully with other members of the multidisciplinary team – e.g. nursing, operating room staff, allied health professionals and trainees
Leader	• Must understand the value and limitations of diagnostic investigations for children with abdominal pain, masses, vascular access issues.
Health advocate	• Must be able to appropriately advise patients and families when there are restrictions or modifications in physical activity, school attendance, post-operatively • Identify potential pitfalls after discharge and access community supports
Scholar	• Must be able to critically appraise relevant literature and apply evidence based principles to the diagnosis and management of pediatric surgical patients
Professional	• Must act in an honest, compassionate, and ethical fashion • Must recognize self-limitations and act upon them to optimize patient care

EPAs Mapped to the Pediatric General Surgery Rotation based on Stage of Training:

Transition To Discipline 1	Performing and presenting a basic history and physical examination
Transition To Discipline 2	Documenting orders for pediatric patients

Foundations 8	Communicating assessment findings and management plans to patients and/or families
Foundations 9	Documenting clinical encounters
Foundations 11	Coordinating transitions of care for non-complex pediatric patients

Optional EPA's Mapped to the Pediatric General Surgery Rotation:

Foundations 5	Assessing, diagnosing, and managing patients with common pediatric problems
---------------	--

Foundations 10	Transferring clinical information between health care providers during handover
----------------	--

****There are several core procedures that avail themselves on the surgical rotation which may include: re-insertion of G-tubes, accessing a port-a-cath/IVAD, chest tubes, urinary catheterizations.**