

Dalhousie University Neurosurgery

Resident Rotation Objectives: Pediatric General Surgery

Medical Expert

As a basis for clinical competence, the neurosurgery resident must be familiar with, and be able to describe and discuss:

KNOWLEDGE

1. Principles of major trauma patient evaluation and resuscitation according to the Advanced Trauma Life Support (ATLS) guidelines.
2. Diagnosis and management of acute appendicitis, intestinal obstruction, bowel perforation, and gallstone disease.
3. Understand the surgical anatomy pertinent to the conduct of a laparotomy.

CLINICAL SKILLS

1. Demonstrate proficiency in the primary, secondary, and tertiary surveys for the injured patients.
2. Demonstrate skill in basic laparoscopic technique.
3. Demonstrate suturing skills required for correct closure of surgical and traumatic wounds.
4. Careful patient positioning to minimize perioperative complications.

Communicator

1. Establish a therapeutic relationship with patients and their families
2. Document appropriate pre-operative assessments.
3. Write appropriate post-operative orders.

Collaborator

1. Consult effectively with other physicians and other health care professionals as needed.
2. Lead and contribute to interdisciplinary activities as needed.

Leader

1. Principles of triaging urgency of surgical cases.
2. Use resources effectively to balance patient care, learning needs, and outside activities.

Health Advocate

1. Secure the resources necessary to perioperative patient management, including patient disposition (e.g.: post-anesthetic care unit, intermediate care unit, intensive care unit, or general inpatient hospital ward).
2. Identify the important determinants of health related to patients encountered on the general surgery service.
3. Demonstrate proficiency in ensuring diagnostic tests are completed in a timely fashion.

Scholar

1. Participation in pediatric general surgery rounds and academic activities.
2. Demonstrate self-directed learning with critical appraisal of relevant literature.
3. Facilitate the learning of patients and their families, colleagues, and other health care professionals.

Professional

1. Delivers the highest quality care with integrity, honesty, and compassion.
2. Exhibit appropriate personal and interpersonal professional behaviors.
3. Demonstrate appropriate respect for the opinions of fellow consultants and referring physicians, and be willing to provide opportunity to resolve differences of opinion as needed.
4. Understand own skill and knowledge limitations by appropriately consulting others.