

Health Sciences Centre, Team B, Laparoscopic Surgery, Trauma and General Surgery

Medical Expert

See Objectives: Medical Expert

The Health Sciences Centre is the tertiary care hospital for the province and the Provincial Trauma Centre. Most complex general surgery cases and all cases of multisystem trauma are routinely referred.

Team A usually gets a junior resident who is exposed to a variety of common general surgery problems in addition to a lot of bariatric and advanced laparoscopic surgery.

Specific Requirements

Special Interests: Advanced laparoscopic surgery, trauma.

Cognitive Skills

1. Trauma
 - a. To know the priorities for treatment of injured patients
 - b. To deploy the available tests with the ability to recognize the strengths and limitations of each
 - c. To recognize the value of teamwork in the management of injured patients
2. Gastrointestinal Disease
 - a. To evaluate the symptoms and signs in a patient presenting with GI symptoms
 - b. To obtain an adequate insight into the effects of inflammatory bowel disease on life-style and to be able to discuss the treatment options with the staff person.
 - c. To assess the chances of cure and operability of GI tract cancer
3. Advanced Laparoscopic Techniques
 - a. The resident should know the physiological effects of pneumoperitoneum
 - b. Residents will have the opportunity to participate in more advanced laparoscopic techniques, including Nissen fundoplication, Heller myotomy, ventral/inguinal hernia repairs, splenectomy, adrenalectomy, bowel resection, bariatric surgery, etc.
 - c. The resident should know the appropriate indications for such procedures, describe the complications associated with them, and discuss the relative merits of open versus laparoscopic techniques.
 - d. Residents may gain direct experience in the performance of part or all of these procedures.

Communicator

See Objectives: Communicator

To provide humane, high-quality care, specialists establish effective relationships with patients, other physicians, and other health professionals. Communication skills are essential for the functioning of a specialist, and are necessary for obtaining information from, and conveying information to patients and their families. Furthermore, these abilities are critical in eliciting patients' beliefs, concerns, and expectations about their illnesses, and for assessing key factors impacting on patients' health.

General Requirements

1. Establish therapeutic relationships with patients'/families
2. Obtain and synthesize relevant history from patients/families/communities
3. Listen effectively
4. Discuss appropriate information with patients/families and the health care team

Collaborator

See Objectives: Collaborator

Specialists work in partnership with others who are appropriately involved in the care of individuals or specific groups of patients. It is therefore essential for specialists to be able to collaborate effectively with patients and a multidisciplinary team of expert health professionals for provision of optimal patient care, education, and research.

This is a very busy rotation and residents will be required to collaborate with other house staff, nurses, allied health care providers, family physicians, and other specialists on a daily basis. Involvement with the trauma team early on in their training helps residents learn valuable collaborative skills.

General Requirements

1. Consult effectively with other physicians and health care professions.
2. Contribute effectively to interdisciplinary team activities, including the resuscitation of trauma patients

Manager

See Objectives: Manager

Specialists function as managers when they make everyday practice decisions involving resources, co-workers, tasks, policies, and their personal lives. They do this in the settings of individual patient care, practice organizations, and in the broader context of the health care system. Thus, specialists require the abilities to prioritize and effectively execute tasks through

teamwork with colleagues, and make systematic decisions when allocating finite health care resources. As managers, specialists take on positions of leadership within the context of professional organizations and the dynamic Canadian health care system.

All residents will be required to act as administrative resident during their residency.

As this is a busy service, time management skills including delegation of responsibilities to junior team members will be required.

General Requirements

1. Utilize resources effectively to balance patient care, learning needs, and outside activities
2. Allocate finite health care resources wisely
3. Work effectively and efficiently in a health care organization
4. Utilize information technology to optimize patient care, life-long learning and other activities
5. Keep a log of operative cases using T-res software
6. Utilize effective time management skills

Health Advocate

See Objectives: Health Advocate

Specialists recognize the importance of advocacy activities in responding to the challenges represented by those social, environmental, and biological factors that determine the health of patients and society. They recognize advocacy as an essential and fundamental component of health promotion that occurs at the level of the individual patient, the practice population, and the broader community. Health advocacy is appropriately expressed both by the individual and collective responses of specialist physicians in influencing public health and safety.

General Requirements

1. Identify the important determinants of health affecting patients
2. Contribute effectively to improved health of patients and communities
3. Recognize and respond to those issues where advocacy is appropriate, for example, promotion of seat belt wearing, helmet wearing, judicious alcohol use

As there are frequently trauma patients on service, an opportunity exists for residents to act as health advocates for these patients.

Scholar

See Objectives: Scholar

As scholars, general surgeons demonstrate a lifelong commitment to reflective learning, and creation, dissemination, application and translation of new knowledge and technologies that inform each CanMEDS domain. During a clinical rotation, the resident should:

1. Identify clinical problems in general surgery;
2. Recognize and identify gaps in knowledge and expertise around the problem;
3. Formulate a management plan:
 - a. Conduct an appropriate literature search based on the clinical question
 - b. Assimilate and appraise the literature
 - c. Develop a system to store and retrieve relevant literature
 - d. Consult others (physicians and other health professionals) in a collegial manner
 - e. Propose treatment for the clinical problem
 - f. Evaluate the outcome and identify practice areas for research
 - g. Attend journal club on a regular basis

Professional

See Objectives: Professional

Specialists have a unique societal role as professionals with a distinct body of knowledge, skills, and attitudes dedicated to improving the health and well-being of others. Specialists are committed to the highest standards of excellence in clinical care and ethical conduct, and to continually perfecting mastery of their discipline.

General Requirements

1. Deliver highest quality care with integrity, honesty, and compassion, particularly end-of-life care for oncology patients.
2. Exhibit appropriate personal and interpersonal professional behaviours.