

Elective: Pediatrics; Gastroenterology

OVERVIEW

Our Pediatric Gastroenterology program caters to a wide diverse population located in Manitoba, NW Ontario, Saskatchewan & Nunavut.

Our program sees nearly 1000 new referrals and 1500 follow up patients per year. We follow children with a wide variety of gastrointestinal conditions such as Inflammatory Bowel Disease, chronic liver disease, celiac disease, eosinophilic esophagitis, short bowel syndrome, gastro-esophageal reflux, and chronic abdominal pain.

INTRODUCTION

Develop an approach to diagnosis and management of common Pediatric GI disorders.

Attendance in out-patient clinics, exposure to endoscopic procedures and participation in in-patient consults and rounds.

Attendance and participation at Pediatric GI rounds, Joint Pathology GI rounds, Joint Radiology GI rounds, Pediatric Grand Rounds.

Location(s): Health Sciences Centre, Winnipeg Children's Hospital

Division Head: Dr. Wael El Matary

Program Director/Education Lead: Dr Jennifer Griffin

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LEARNING OBJECTIVES (CanMEDS)

Medical Expert

As Medical Experts, physicians integrate all of the CanMEDS Roles, applying medical knowledge, clinical skills and professional attitudes in their provision of patient-centered care.

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- History Content
 - Obtain elements of the history necessary to document diet, intake, output and symptoms specifically related to GI disorders and nutritional problems.
- Interviewing Skills
 - Obtain a history, presenting complaints and dietary history from the patient and the family in a coherent and timely manner for level of training.
- Physical examination skills
 - Perform an appropriate and detailed physical examination of the patient with a focus on the gastrointestinal system.
 - Recognize localized and systemic signs related to GI and nutritional disease
- Choice/Interpretation of Ancillary Tests
 - List the sequence of investigations required to investigate abnormal pathophysiology of GI tract, liver and pancreatic disorders
 - Understand the indications and limitations of various tests as related to the GI system
- Recognition of critical situations/Critical Analysis
 - Formulate common differential diagnoses for GI tract and systemic illnesses originating in the GI system
 - Formulate appropriate treatment plan for GI tract and systemic illnesses originating in the GI system
- Clinical Judgment
 - Recognize the ill child & know when to ask for assistance in complex or deteriorating patients
- Consultancy Skills
 - Interact effectively with the physician requesting GI consultation and surgeons and other specialists involved in patient care
- Responsibility
 - Ensure proper follow-up of patients clinical state and investigations
 - Provide advice and ongoing care to the patient and family as appropriate for training level
- Basic Science
 - State, with the basic pathophysiology of the GI and hepatic systems, the principles underlying good nutrition, absorption of various food components, water and electrolytes

Communicator

Physicians effectively facilitate the doctor-patient relationship and the dynamic exchanges that occur before, during, and after the medical encounter.

- Records and reports

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- Document input and output with particular regards to GI tract intake/losses, and growth parameters
- Type clinic consultations and follow-up patient encounters in a clear concise manner with detailed impression and plans on Accuro

- Interpersonal relationships (patients & families)
 - Establish therapeutic relationships with patients/families.
 - Obtain and synthesize relevant history from patients/families/communities.
 - Listen effectively.
 - Discuss appropriate information with patients/families and the health care team.

- Interpersonal relationships (healthcare team)
 - Interact effectively with the physician requesting GI consultation and surgeons and other specialists involved in patient care

Specific Requirements:

1. Recognize that being a good communicator is an essential function of a physician, and understand that effective patient-physician communication can foster patient satisfaction and compliance as well as influence the manifestations and outcome of a patient's illness.
 2. Establish relationships with the patient, family members and allied caregivers that are characterized by understanding, trust, respect, empathy and confidentiality.
 3. Gather information not only about the disease but also about the patient's beliefs, concerns and expectations about the illness, while considering the influence of factors such as the patient's age, gender, ethnic, cultural and socioeconomic background, and spiritual values on that illness.
 4. Deliver information to the patient, family and other interested caregivers in a humane manner and in such a way that it is understandable, encourages discussion and promotes the patient's participation in decision-making to the degree that they wish.
 5. Understand and demonstrate the importance of cooperation and communication among health professionals involved in the care of individual patients (in particular, general surgeons, radiologists, pathologists and clinical dietitians) such that the roles of these professionals are delineated and consistent messages are delivered to patients and their families.
 6. Demonstrate skills in working with others who present significant communication challenges such as anger or confusion, or an ethno-cultural background different from the physician's own.
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- Teaching - Provide appropriate evidence based advice to the consulting physician or Hospitalist team. This may include literature on selected topics.

Collaborator

Physicians effectively work within a healthcare team to achieve optimal patient care.

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- Interpersonal relationships (healthcare team)
 - Participate in an interdisciplinary team meeting, demonstrating the ability to accept, consider and respect the opinions of other team members, while contributing expertise in the field of Gastroenterology.

Manager

Physicians are integral participants in healthcare organizations, organizing sustainable practices, making decisions about allocating resources, and contributing to the effectiveness of the healthcare system.

- Responsibility
 - See and review patient's consults in a timely manner prior to rounds.
 - Book mid-rotation and end of rotation feedback times with preceptors
 - Ensure that you are aware of clinic responsibilities and cancels clinic through booking clerk if unable to attend the planned clinic.
 - Review Power Point presentation 1 week prior to the presentation date with preceptor.
- On Service
 - Arrive in Pediatric GI office by 08:00 to review patients on the wards and get sign-over.
 - Patients should be seen with a plan for the day prior to starting rounds.
 - Sign over your patients prior to half-day.
- Interpersonal Relationships (healthcare team)
 - Interact effectively with the physician requesting GI Consultation and surgeons and other specialist involved in patient care.

Health Advocate

Physicians responsibly use their expertise and influence to advance the health and well-being of individual patients, communities and populations.

- Physicians responsibly use their expertise and influence to advance the health and well-being of individual patients, communities and populations.
 - Respond to individual patient health needs and issues as part of patient care
 - Identify the health needs of an individual patient
 - Identify opportunities for advocacy, health promotion and disease prevention with patients
 - Identify opportunities for advocacy, health promotion and disease prevention in the communities served, and respond appropriately
 - Appreciate the possibility of competing interests between the communities served and other populations
 - Identify the determinants of health for the populations that they serve
 - Identify the determinants of health of children; including barriers to access to care and resources
 - Demonstrate an appreciation that the health care needs of children are distinct from those of adults
 - Promote the health of individual patients, families, communities, and populations

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- Describe the role of the medical profession in advocating collectively for health and patient safety

Scholar

Physicians demonstrate a lifelong commitment to reflective learning, as well as the creation, dissemination, application and translation of medical knowledge.

- Teaching skills
 - Be able to appraise and evaluate scientific and clinical publications in the field of Gastroenterology, as applied to consults received.
 - Make recommendation based upon a review of the literature and provide evidence based literature to the consulting physician regarding the clinical question asked.
 - Present an organized and researched oral presentation to the division around a clinical case seen during the rotation. Impart this information so it is organized and understood.

Professional

As Professionals, physicians are committed to the health and well-being of individuals and society through ethical practice, profession-led regulation, and high personal standards of behaviour.

- Bioethics
 - Deliver highest quality care with integrity, honesty and compassion
 - Exhibit appropriate personal and interpersonal professional behaviours
 - Practice medicine ethically consistent with obligations of a physician
 - Recognize the roles, in clinical practice, of ethical issues such as truth-telling, consent, advanced directives, confidentiality, end-of-life care, conflict of interest, resource allocation, and research ethics.

INFORMATION /SCHEDULE

Monday- Clinic, in-patient rounds

Tuesday- CF clinic, in-patient rounds, Peds GI Rounds, Pathology rounds

Wednesday- Clinic, OR, In-patient rounds

Thursday- Pediatric Grand Rounds, Clinic, In-patient rounds, Radiology rounds

Friday- OR, In-patient rounds

Students will be provided with a schedule at start of Rotation

SUGGESTED READINGS/ASSIGNMENTS/PROJECTS

Handouts at beginning of Rotation.

Nelsons Textbook of Pediatric (Gastroenterology Section)

Expected to provide a presentation with one case seen during rotation

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EVALUATION/FEEDBACK –

FIRST DAY (interview with preceptor + orientation)

EXIT INTERVIEWS + FEEDBACK (in last week of rotation)