Y34 Gastroenterology, Pediatric

Course ID: MED 797BL/997BL
Discipline: Medicine
Prerequisites: 8 or more weeks of core clerkships.
Available Sites: Saginaw
Duration: 2 weeks

Description
The purpose of the Pediatric Gastroenterology Clerkship rotation is to provide exposure to congenital and acquired digestive disease in infants, children and young adults in an outpatient and inpatient settings.

Key Objectives
- Develop a basic understanding of normal gastrointestinal development and correlation of GI disorders with the underlying pathophysiology.
- Approach to pediatric gastrointestinal history and examination, including appropriate diagnostic evaluation of children with jaundice, diarrhea, constipation, feeding difficulties and chronic functional disorders.
- Have an understanding of the most common liver disorders, including the differential diagnosis of direct and indirect hyperbilirubinemia, biliary atresia, chronic, acute and autoimmune hepatitis, drug-induced hepatitis, congenital cholestatic syndromes, end-stage liver disease and liver failure, indications for liver transplantation.
- Have an understanding of inflammatory bowel disease (Crohn’s Disease and Ulcerative Colitis), the presentation and clinical course, therapeutic options, drugs, biologic agents, indications for surgery.
- Understand the pathophysiology and the basic principles of treatment of the short bowel syndrome and other malabsorption states.
- Understand the range of radiological diagnostic modalities, including ultrasound, CT scanning, MRI, MRCP, nuclear medicine scans for Meckel’s diverticular bleed, liquid and solid gastric emptying tests, salivagram for aspiration, and ERCP.
- Common surgical procedures for congenital GI disorders, including T-E fistula and esophageal atresia, omphalocele and gastroschisis, short bowel syndrome with dilated loops, anorectal malformations, Hirschprung’s disease and the basic principles of pre-and post-operative care.
- Evaluate the progress of his/her management decisions and make appropriate adjustments to the care of the patient.
- Recognize the clinical presentation of GI emergencies occurring in the childhood period and gain exposure to the skills necessary to provide appropriate management of these emergencies including acute upper and lower GI bleeding, acute abdomen, foreign body ingestion, and intestinal obstruction.
- Be responsible for the care of patients and demonstrate a commitment to learning about their problems.
• Describe the broad medical, social, and economic consequences of childhood chronic medical conditions, including factors influencing its incidence and the incidence of disorders unique to pediatric patients such as, IBD, liver failure and chronic hepatitis.

Assessment Method
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information
Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.