

Pediatric Gastroenterology, Hepatology and Nutrition

Course Name: Pediatric GI and Nutrition

Academic Chief: Karla Au Yeung, MD

UME Director: Deepika Singh, MD

Email: UME@valleychildrens.org

Phone: 559-353-5141

Location: Valley Children's Hospital

Course Description: The student rotating on this elective will achieve an understanding of the basics of pediatric GI as well as gaining experience in nutritional challenges and therapy in pediatric patients.

Students will be exposed to common pediatric GI condition such as chronic diarrhea, constipation, chronic abdominal pain, GERD, failure to thrive, malabsorption, inflammatory bowel disease, short bowel syndrome, chronic liver disorders, liver failure, pancreatitis, jaundice, encopresis and constipation. The essentials of nutrition and basics of total parenteral nutrition will also be explored.

The rotation will consist of both inpatient consultations and outpatient clinic experiences. The student will observe procedures such as upper endoscopy and colonoscopy and learn indications, risks, benefits and alternatives to procedures.

This rotation offers a unique clinical learning environment with interprofessional education supporting a diverse, underserved patient population.

This elective is eligible for Visiting Student Advocacy & Outreach scholarship. Please check valleychildrens.org/scholarship for details.

Goals & Objectives:

- Understand the pathophysiology of pediatric GI/liver disease such as chronic constipation, biliary atresia, inflammatory bowel disease, gastroesophageal reflux disease, peptic ulcer disease, helicobacter pylori infection, pancreatitis, short bowel syndrome, gastrointestinal

motility disorders, gastroparesis, hepatitis from infectious causes and autoimmune hepatitis.

- Demonstrate knowledge of the evaluation and management of common pediatric GI issues such as constipation and encopresis, gastroesophageal reflux and chronic recurrent abdominal pain, gastrointestinal bleeding, direct hyperbilirubinemia, elevated transaminases, and helicobacter pylori.
- Describe specialized nutrition support modalities.
- Determine the circumstances when endoscopy referral is necessary and/or appropriate.

Daily Schedule: 7:30am morning report followed by clinical duties according to the attending physician.

Report Instructions: Report to GME office for orientation at 8:00am on the first day of rotation, and then report to the gastroenterology clinic.

Call Requirements: None

Travel Requirements: None

Equipment Needed: Stethoscope

Required Reading: To be provided during the rotation