



**Educational Goals and Objectives for Rotations on:
Gastroenterology**

Internal Medicine Residents will train on GI consult and clinic rotation to:

- Develop a solid foundation in the pathophysiology, diagnostic evaluation, differential diagnosis and approach to management of gastrointestinal and liver diseases.
- Learn the appropriate assessment of elevated liver enzymes and their clinical implications.
- Learn the indications, appropriate use and complications of gastrointestinal endoscopy, ERCP, liver biopsy, and TIPS placement.
- Learn appropriate and cost-effective preventative, surveillance and screening techniques for gastrointestinal malignancies.
- Learn the appropriate testing necessary for assessment of and consideration for orthotopic liver transplantation.

Patient Care and Procedural Skills:

PGY-3:

- Demonstrates the ability to obtain and document an accurate and complete non-judgmental history from patient and/or caretaker.
- Specific focus on:
 - Signs and symptoms of GI bleeding
 - Diarrhea
 - Jaundice
 - Abdominal pain
 - ETOH & substance abuse
 - Drugs with potential hepatotoxicity
 - Genetic, epidemiologic and disease-related risk factors
 - Adherence to therapies
- Performs accurate and complete physical exam; can describe and document major abnormalities, including the presence of:
 - Jaundice, icteric sclera
 - Asterixis
 - Encephalopathy
 - Abdomen tenderness, mass
 - Stigmata of liver disease
 - Ascites
- Reliably recognizes evidence of clinical decompensation and appropriately seeks assistance re: hospitalization.
- Writes progress notes that identify important data and demonstrate thoughtful problem based assessment and plan.
- Reliably recognizes critical illness requiring hospitalization, and can independently initiate management strategies.
- Recognizes clinical evidence of suboptimal response to the planned therapy.



- Reliably recognizes evidence of suboptimal clinical response. Can independently initiate emergent and ongoing management strategies. Can identify causes of failure to respond to appropriate therapy.

Procedural Skills:

PGY-3

- Masters the cognitive, counseling and technical skills for:
 - Paracentesis
 - Flexible sigmoidoscopy
- Interprets report findings of:
 - Ascitic fluid analysis
 - Endoscopic procedures
 - ERCP
 - Endoscopic ultrasound
 - Liver biopsy

Medical Knowledge:

PGY- 3

- Applies relevant clinical and basic science knowledge in the following common medical conditions:
 - GI bleed
 - Acid Reflux
 - Peptic Ulcer Disease
 - H. Pylori
 - Pancreatitis
 - Cholecystitis
 - Biliary tract disease
 - Abnormal Liver enzymes
 - Ascites
 - Acute liver failure
 - Chronic liver disease
 - Diarrhea
 - Constipation
 - Inflammatory bowel disease
 - Ischemic Bowel Disease
 - Liver transplantation
- Demonstrates a progression in content knowledge and analytical thinking with well formulated differential diagnoses and management plans.



Practice-Based Learning and Improvement:

PGY-3

- Seeks and accepts feedback from team about patient care, organization and presentations.
- Understands EBM principles, and utilizes relevant research to support decision-making and teaching of junior team members.
- Appropriately integrates EBM with expert opinions and professional judgment.
- Ability to accurately self-assess skills and performance
- Identifies knowledge deficiencies and seeks to correct them.

Interpersonal and Communication Skills:

PGY3

- Effectively establishes rapport with patients and families.
- Able to deal with the most challenging patients and families with minimal direction.
- Provides timely and thorough electronic documentation of patient care.
- Effectively carries out difficult discussions, such as sensitive topic discussions with moderate faculty input.
- Provides teaching and feedback to more junior team members on their communication styles.
- Coordinates team communication to optimize patient care.
- Functions as an effective team leader with decreasing reliance on attending.

Professionalism:

PGY 3

- Demonstrates integrity, respect for others, honesty, and compassion.
- Strives for patient care and knowledge excellence.
- Reliably identifies and accomplishes necessary tasks.
- Sets a tone of respect and collegiality for the team.
- Acts as role model for patient care and professional behavior.

Systems-Based Practice:

PGY 3

- Utilizes the multidisciplinary resources necessary to care optimally for patients.
- Effectively collaborates with other members of the health care team to ensure comprehensive care for patients with medical illness, including residents at all levels, medical students, nurses, clinical pharmacists, occupational therapists, physical therapists, nutrition specialists, patient educators, speech pathologists, respiratory therapists, social workers, case managers, discharge planners, and providers of home health services
- Uses cost-conscious strategies in the diagnostic, treatment, and care of patients.
- Demonstrates willingness and ability to teach medical students and junior residents.

Evaluation Methods Used in this Rotation:

- End of Rotation Competency Assessment
- Procedure Logs
- End of Rotation Quiz