Abdominal Pain/Simulation Education - Douglas A. Drossman, MD and Eric Weiss, MD

Compare and contrast irritable bowel syndrome and functional abdominal pain syndrome in terms of pathophysiology and symptoms; Explain how long-term use of opioid drugs leads to bowel dysfunction; Recognize ways in which psychosocial stress contributes to narcotic bowel syndrome; Select psychological and pharmacologic therapies for patients with opioid withdrawal and pain associated with narcotic bowel syndrome; Develop training programs for surgical residents using simulation models and scenarios.

GE 31 - 08

Cyclic Vomiting/Celiac Disease - Kirsten Tillisch, MD and Michael Rice, MD

Differentiate between cyclic vomiting syndrome and other conditions characterized by nausea and vomiting; Use medical and behavioral therapy to prevent onset and treat episodes of cyclic vomiting; Identify genetic and environmental risk factors associated with celiac disease; Provide follow-up tests and referrals for health maintenance in patients with celiac disease; Manage patients with symptoms of celiac disease that do not improve with a gluten-free diet.

GE 31 - 09

Endoscopy Update: Part 1 - David J. Hass, MD, Reem Z. Sharaiha, MD, Satish Nagula, MD and Tamas A. Gonda, MD

Determine indications and contraindications for capsule endoscopy in patients with obscure bleeding of the small bowel or Crohn disease; Summarize the effects of endoscopic balloon systems and sleeve gastropasty on weight loss and comorbidities in obese individuals; Assess the benefits and potential adverse effects of self-expanding metal stents for malignant obstructions of the esophagus, gastric outlet, and colon; Predict whether patients would derive greater benefit from placement of stents or immediate surgery for malignant obstructions; Discuss the possible roles for diagnostic and therapeutic endoscopy for treatment of gastrointestinal cancers in upcoming years.

GE 31 - 10

Endoscopy Update: Part 2 - Gregory Cote, MD

Identify recent and anticipated improvements in structure, process, and outcomes for colonoscopy, ERCP, and endoscopic ultrasonography; Follow guidelines for appropriate utilization of endoscopic procedures; Cite data on the differences in outcomes of ERCP in high- vs low-volume centers; Select patients who are likely to benefit from ERCP; Compare and contrast outcomes of ERCP with those of surgical or percutaneous approaches.

GE 31 - 11

Esophageal Motility/Heartburn - Joan W. Chen, MD, Felice Schnoll-Sussman, MD and Donald O. Castell, MD

Diagnose esophageal motility disorders using common metrics from high-resolution manometry; Summarize options for managing achalasia or esophagogastric junction outflow obstruction; Select diagnostic tests for patients with suspected esophageal motility disorders; Determine the cause of partial or absent response to PPI therapy; Manage gastroesophageal reflux disease refractory to PPI therapy based on results of combined ambulatory impedance-pH monitoring.

GE 31 - 12

Liver Problems - Manish Thapar, MD, David A. Sass, MD and Scott Fink, MD

Manage cerebral edema, coagulopathy, and renal failure associated with acute liver failure; Summarize diagnostic criteria for acute kidney injury in patients with chronic liver disease; Treat hepatorenal syndrome using pharmacologic or surgical therapies; Identify risk factors for rapid progression of hepatic varices to variceal hemorrhage; Use pharmacologic and endoscopic interventions to manage hepatic varices and variceal hemorrhage.

GE 31 - 13
Complications of Liver Disease - Adrian Reuben, MD and Joseph DiNorcia.
List causes of poor surgical outcomes in patients with liver disease; Evaluate risk for perioperative morbidity and mortality according to severity of cirrhosis and type of surgical procedure; Provide appropriate screening and diagnostic tests for patients at high risk for HCC; Treat HCC based on size and number of lesions, liver function, and eligibility for surgery; Consider procedures for inducing liver hypertrophy or downstaging HCC prior to resection or transplantation.

Complications of Liver Transplantation - Ali Zarrinpar, MD, Elaine Cheng, MD and Christina Lindenmeyer, MD
Select patients with HCC who are most likely to benefit from liver transplantation; Identify methods to increase the donor pool for liver transplantation; Compare ex vivo methods for preserving the function of donor livers; Use a scoring system to predict outcomes of patients in the ICU; Choose among liver-specific scoring systems to determine risk for death among patients with cirrhosis staying in the ICU.

Colonic Diseases - Carol A. Burke, MD, David H. Robbins, MD and Lawrence J. Brandt, MD

Pancreatic Cysts and Fluid - Anne Marie Lennon, MD and John Vargo II, MD

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