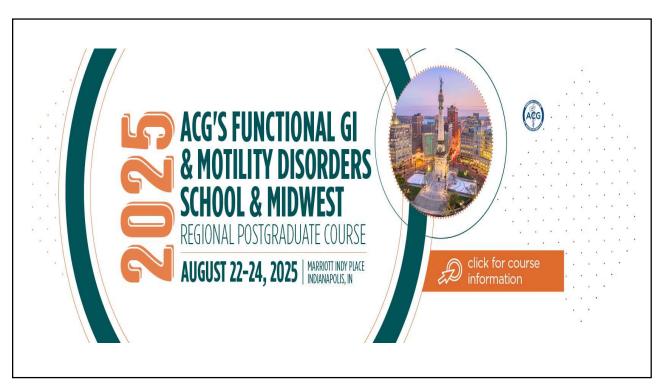


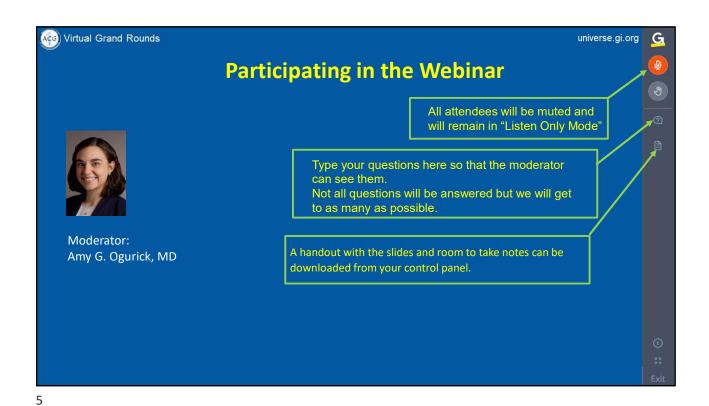
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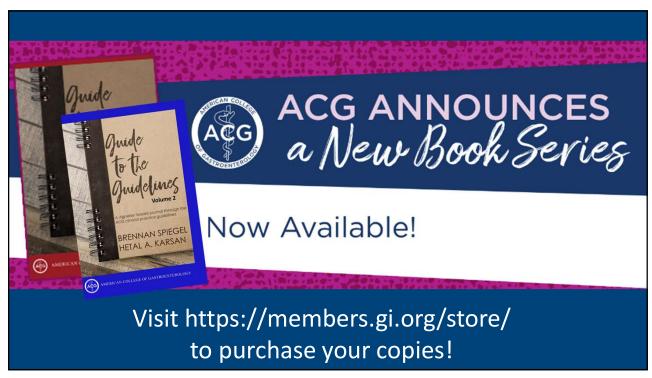




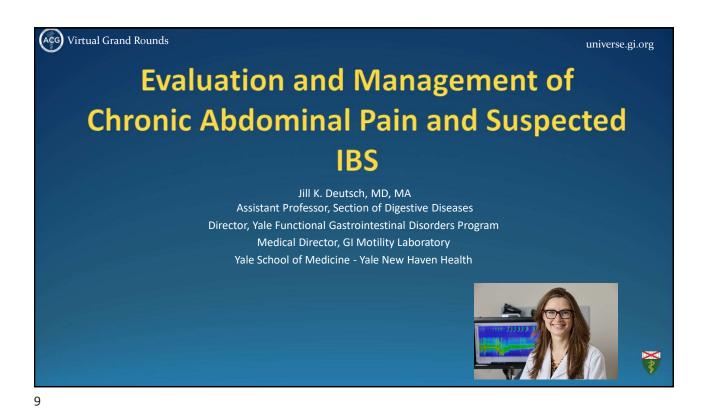




ACG Virtual Grand Rounds universe.gi.org **ACG Virtual Grand Rounds** Join us for upcoming Virtual Grand Rounds! INTERNATIONAL Week 29 - Wednesday July 16, 2025 Understanding both C. diff and Alpha-Gal Syndrome for the Gastroenterologist Offered in conjunction with the Colombian Association of Gastroenterology Faculty: Sarah K. McGill, MD, MSc, FACG Moderator: Alejandro Concha Mejía, Sr., PhD Week 29 - Thursday July 17, 2025 The IBD Pipeline Explosion: S1Ps, IL23, and Subsequent Medications Faculty: Marla C. Dubinsky, MD Moderator: Gary R. Lichtenstein, MD, FACG At Noon and 8pm Eastern Week 30 - Thursday July 24, 2025 Inpatient Management of the Newly Diagnosed Short Bowel Patient: Consult to Discharge Faculty: Dawn W. Adams, MD, MS, CNSC Moderator: Shirley C. Paski, MD At Noon and 8pm Eastern Visit gi.org/ACGVGR to Register







Objectives

Differentiate organic from functional chronic abdominal pain disorders by reviewing the most common painful disorders of gut brain interaction (DGBIs)
Gain exposure to the mimickers of painful DGBIs
Explore the medical and complementary therapies available

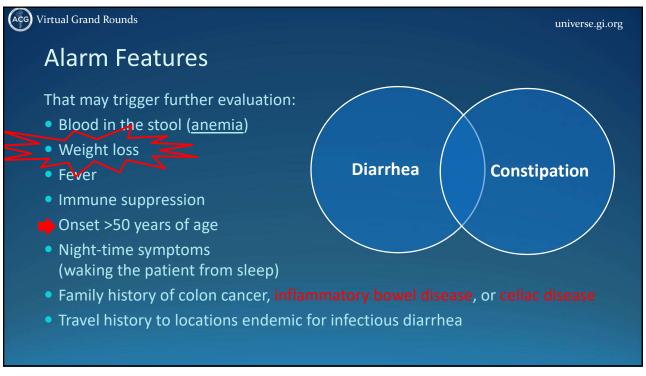


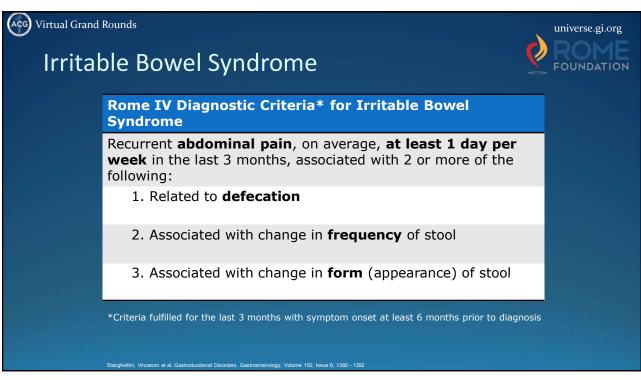
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Case #1

- A 28-year-old high school teacher presents for evaluation of left lower abdominal pain and diarrhea. He has had these symptoms for nearly 10 years and was evaluated with EGD and colonoscopy at the time of symptom onset
- He reports 3-4 loose BMs per day associated with urgency
- The patient reports increase in his abdominal pain with meals and partial relief of pain after a BM
 - Pain also worsens when coaching various recreational sports (especially when traveling to long-distance games)
- He denies abdominal bloating or distension

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Irritable Bowel Syndrome

Pain

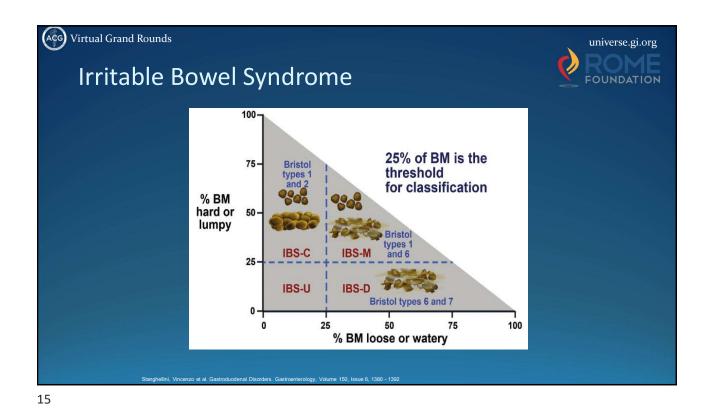
FC Bloating

Constipation

Fight Functional constipation
FPor Eunctional diarrhoa
BS-C: Irritable bowel syndrome with predominant constipation
BS-C: Irritable bowel syndrome with predominant diarrhoa
BS-C: Irritable bowel syndrome with predominant diarrhoa
BS-C: Irritable bowel syndrome with predominant diarrhoa
ISS-C: Irritable bowel syndrome with predominant firegular bowel habits (mixed DIC)

Figure 1. Conceptual framework to explain FBDs. The FBDs are classified into 5 citinat categories: ISS, FC, FDr, FAB/FAB, and unspecified FBD (U-FBD). Although of an existing as completely separate and discrete disorders, it is important to acknowledge that significant overlap exists between these disorders. These disorders should be thought of as existing on a continuum, rather than as in isolation. This figure illustrates that a patient libs (right) will have symptoms of abdominal pain, in contrast to a patient with FC or FDr, who does not have abdominal pain. Bloating and distention are common symptoms frequently reported by patients with any FBD.

Sterpholicit. Vincenze et al. Gasenbuckened Disoraes. Gastometerology, Volume 150, Issue 8, 1360 - 1362

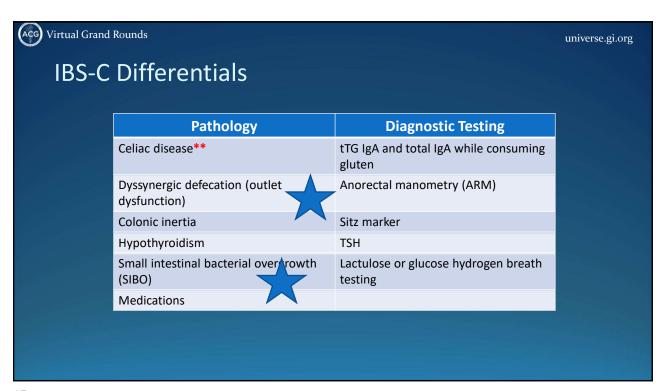


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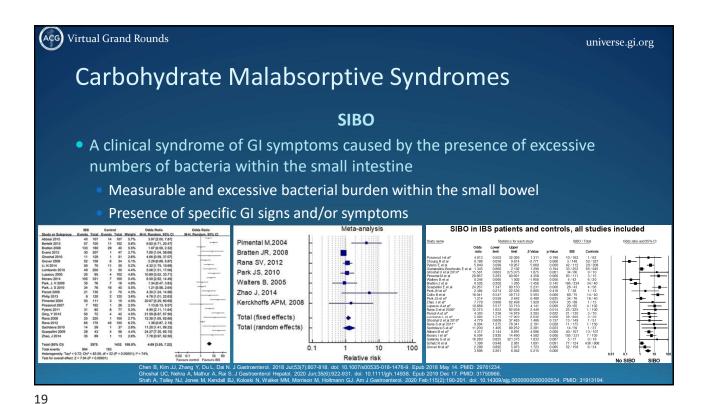
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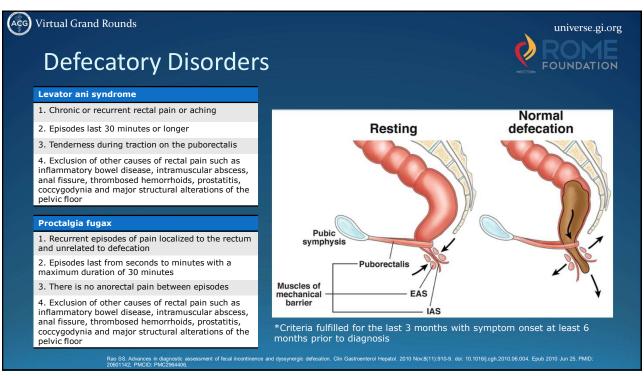
Case #1

- When his pain worsens, he resorts to a strict low FODMAP diet, resulted in a 10lb weight loss over the 3 months prior to evaluation
- He denies blood in the stools
- He has no family history of GI diseases
- To help manage his symptoms, the patient has been taking a peppermint oil supplement and loperamide ½ cap daily. He has been thinking about starting probiotics
 - Psychiatrist has prescribed benzodiazepines for anxiety



SS-D Differentials	
Pathology	Diagnostic Testing
Celiac disease**	tTG IgA and total IgA while consuming gluten
Lactose intolerance	Lactose hydrogen breath testing
Inflammatory bowel disease (IBD) and microscopic colitis**	CRP and fecal calprotectin; Colonoscopy
mall intestinal bacterial overgrowth (SIBO)	Lactulose or glucose hydrogen breath testing
Infection**	Stool tests
Post-surgical changes (ie bile acids)	
Hyperthyroidism	TSH
Exocrine pancreatic insufficiency	Pancreatic elastase and fecal fat
Neuroendocrine tumors	Chromogranin A; Imaging
Medications	

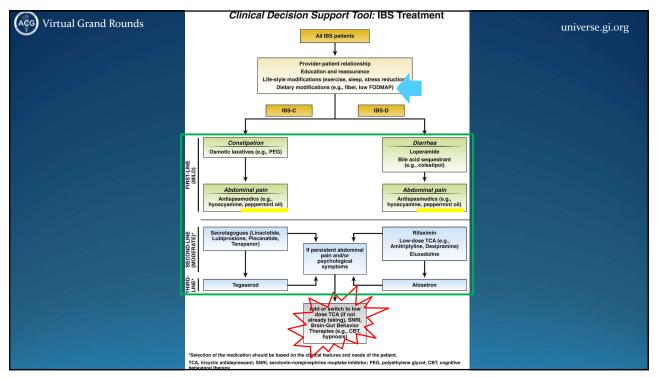


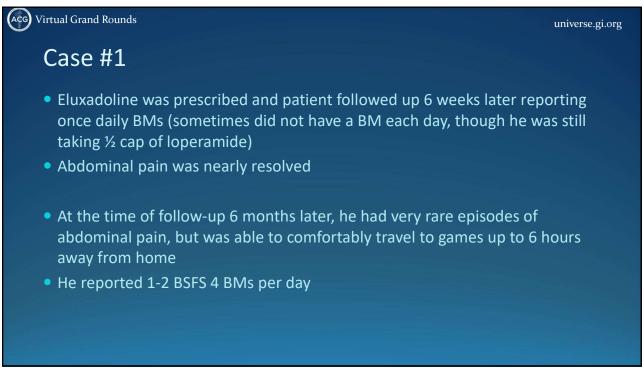




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• Autonomic nervous Altered central Bidirectional gut-brain axis Visceral hypersensitivity and altered gastrointestinal motility Gastrointestinal infection Diet Gastrointestinal immune dysfunction Microbiome Dysbiosis Intestinal permeability For example, methanogenic microorganisms affecting transit







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Case #2

- A 21-year-old woman presents for consultation regarding abdominal pain.
 She reports "horrible" and "dull" periumbilical pain since third grade alongside nausea with bloating
- Pain is worsened by eating, but has been present constantly except when she has a headache, at which time her pain improves
- She has a BM daily with the use of PEG (that causes a "swirling" sensation in her abdomen) and glycerin suppositories while engaging with pelvic floor physical therapy for a diagnosis of dyssynergic defecation
 - Abdominal pain does not change in relation to using the bathroom

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