

Learning Objectives Describe new data supporting the concept of IBS/CIC as a continuum of gastrointestinal disorders Implement appropriate, validated testing measures to make definitive, timely diagnoses of IBS/CIC Utilize patient-centric communications strategies to clearly educate patients about their condition

IBS/CIC, irritable bowel syndrome/chronic idiopathic constipation.

Case Study: Symptom/Family History

- A.T.: A 33-year-old woman sent for a second opinion
- 3-year history of altered bowel habits and lower abdominal pain present 2 to 3 days per week; transient relief after having a bowel movement (BM)
- May go 2 to 3 days without a BM, then has liquid stool
- Feelings of incomplete evacuation; strains to excess
- Describes a "lump" in her throat; can only eat small meals because she "fills up" so quickly—"like I ate Thanksgiving dinner"

Case Study: Symptom/Family History (cont'd)

- Reports bloating on many days; some days she looks "3 months' pregnant"
- Has gained 40 lb in the last 3 years; BMI=33
- Frequently misses work due to symptoms
- She's been told that she "might" have IBS
- No tobacco use; rare social alcohol use
- No prior surgery
- No family member with celiac disease, IBD, or any type of GI malignancy

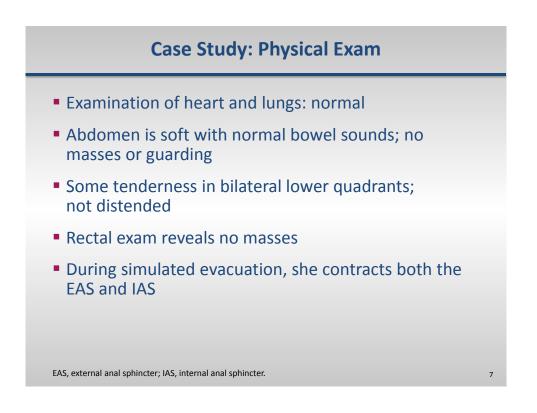
BMI, body mass index; GI, gastrointestinal; IBD, inflammatory bowel disease; IBS, irritable bowel syndrome.

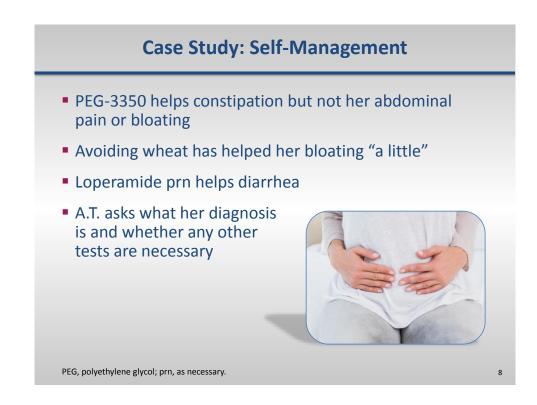
Case Study: Past Medical History

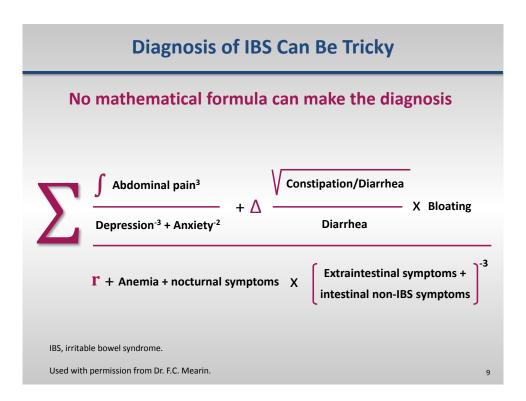
- Notable for TMJ syndrome, migraine headaches, and interstitial cystitis
- Labs 2 years and 1 year prior: normal CBC, BMP, TSH, and CRP on both occasions
- Stool studies x 2: normal
- Normal EGD 2 years ago
- Normal colonoscopy with random biopsies 1 year ago
- Normal RUQ ultrasound
- Normal thyroid ultrasound
- Normal CT scan of abdomen and pelvis

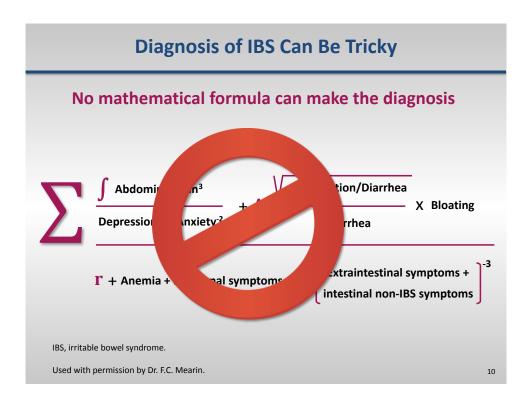
BMP, basic metabolic panel; CBC, complete blood count; CRP, C-reactive protein; CT, computed tomography; EGD, esophagogastroduodenoscopy; RUQ, right upper quadrant; TMJ, temporomandibular joint; TSH, thyroid-stimulating hormone.

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Making the Diagnosis of IBS: A Stepwise Approach

- Take a careful history
- Look for warning signs
- Perform a thorough exam
- Factor in epidemiology
- Use Rome IV criteria
- Classify into the appropriate subtype
- Consider limited diagnostic tests



WHERE

WHY

WHE

WHO

12

11

History: Key Questions
Onset of symptoms (acute, chronic)?
Abdominal pain present?
Constipation or diarrhea or both present?
Other GI symptoms present?

Think overlap with other GI syndromes

Presence of common non-GI symptoms?

- Prior tests?
- Prior treatments?
- Fears/concerns/worries?

GI, gastrointestinal.

Making the Diagnosis: Supporting Symptoms/Comorbid Conditions

- Supporting symptoms
 - Bloating
- Comorbid conditions
 - GERD, globus, noncardiac chest pain
 - Dyspepsia
 - Migraine headaches, TMJ syndrome
 - Fibromyalgia
 - Interstitial cystitis
 - Dyspareunia
 - Chronic back pain



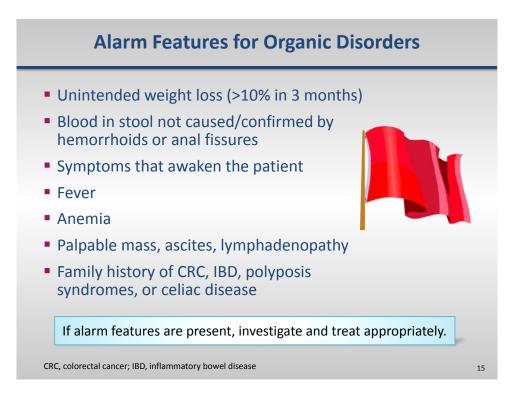


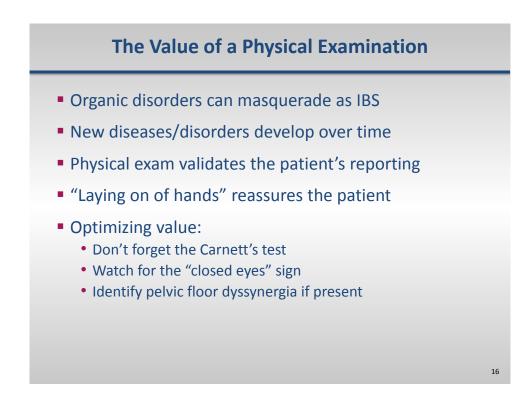
GERD, gastroesophageal reflux disease; TMJ, temporomandibular joint.

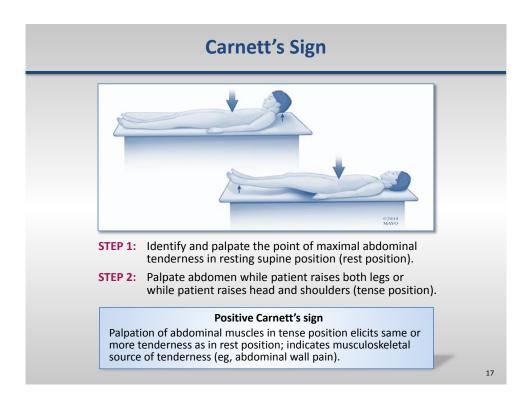
Tip for Diagnosing IBS: The Patient's Chart

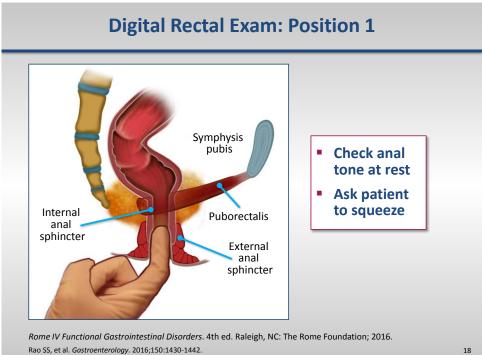
Does your patient's chart look like this?

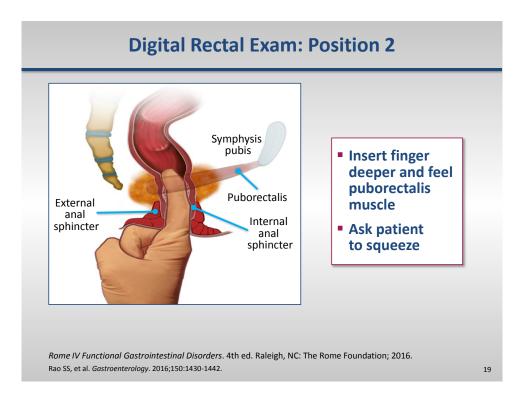
ALLERGIES: sulfa (cough), penicillin (achy), ciprofloxacin (fatigue), metronidazole (funny taste), amoxicillin (spots in my eyes), aspirin (blotches), prednisone (can't remember), diphenhydramine (fatigue), desipramine (constipation), PEG-3350 (diarrhea), dicyclomine (funny taste), hyoscyamine (cramps), linaclotide (diarrhea), lubiprostone (diarrhea), rifaximin (gas). 13

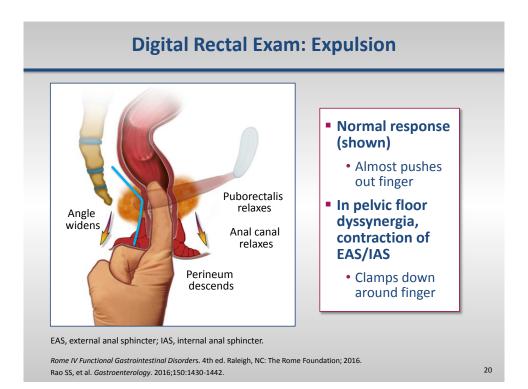


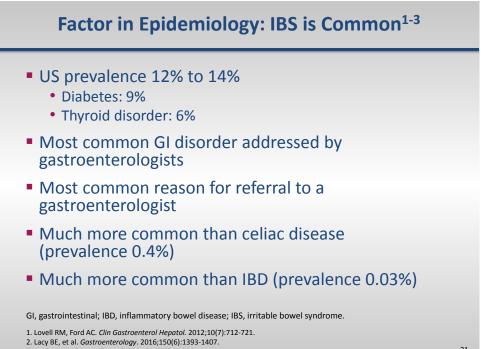


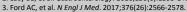




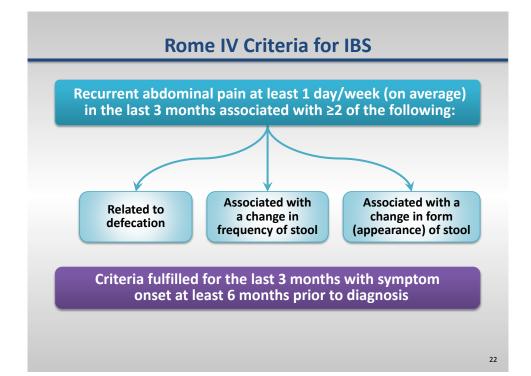












IBS Subtypes Based on Stool Consistency:	
Rome IV Classification	

	Separate hard lumps, like nuts (hard to pass) Sausage-shaped but lumpy		IBS-C Hard/lumpy stools ≥25% Loose/watery stools <25%
Type 3:	Like a sausage but with cracks on its surface		
Type 4:	Like a sausage or snake, smooth and soft		IBS-M Hard/lumpy stools ≥25%
Type 5:	Soft blobs with clear-cut edges (passed easily)		Loose/watery stools ≥25%
Type 6:	Fluffy pieces with ragged edges; a mushy stool	125000	IBS-D
Type 7:	Watery, no solid pieces; entirely liquid		Hard/lumpy stools <25% Loose/watery stools ≥25%

Rome IV: Limited Diagnostic Testing Helps Make a Positive Diagnosis

- In the appropriate patient, consider:
 - CBC, CRP (or ESR), fecal calprotectin
 - Celiac serologies
- Not all patients require testing
- No role for colonoscopy in every patient
- Take-home message: Make a positive diagnosis based on symptoms and limited testing and initiate treatment

CBC, complete blood count; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate. Lacy BE, et al. *Gastroenterology*. 2016;150(6):1393-1407.

Making a Positive Diagnosis: Use Clear, Patient-Centric Language

Clear	Qualified
"She has…"	"may be having"
"He is suffering from"	"it is possible that"
"has been diagnosed with"	"quite fits the picture of"
"the diagnosis is that of"	"is probably a reasonable label"
"You definitely have"	"working impressions"
"I have diagnosed you with"	"managed as a case of"
Thave diagnosed you with	

Linedale EC, et al. Clin Gastroenterol Hepatol. 2016;14(12):1735-1741.

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Summary: 7 Key Features of the Positive Diagnosis of IBS

- **1.** Clinical history
 - Medical, surgical, dietary, psychological
 - Alarm/warning signs
- 2. Check for warning signs
- 3. Physical examination—include digital rectal exam
- 4. Factor in epidemiology
- 5. Use Rome IV criteria and IBS subtypes
- 6. Minimal (limited) laboratory tests
- 7. Use clear language—be positive