

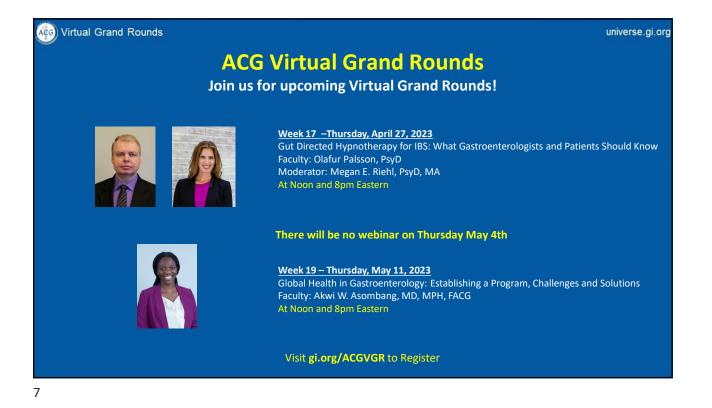
(Acc) Virtual Grand Rounds

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## **MOC QUESTION**

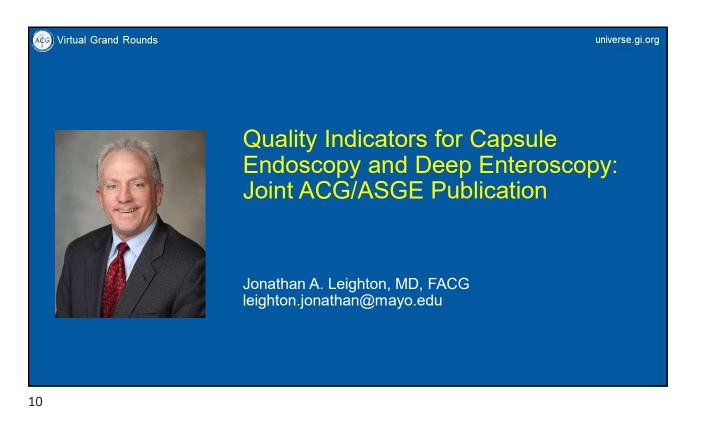
If you plan to claim MOC Points for this activity, you will be asked to: Please list specific changes you will make in your practice as a result of the information you received from this activity.

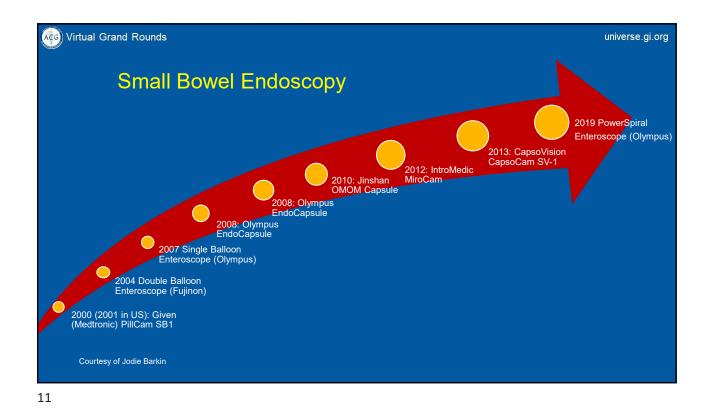
> Include specific strategies or changes that you plan to implement. THESE ANSWERS WILL BE REVIEWED.



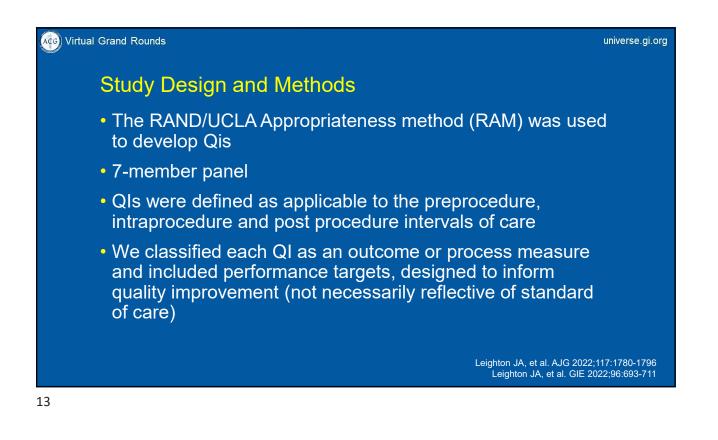


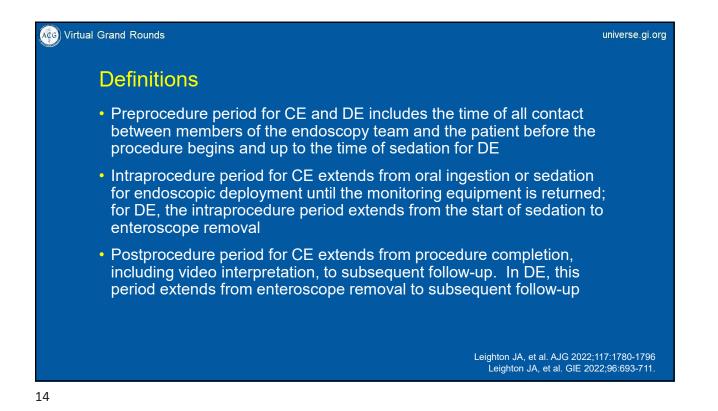


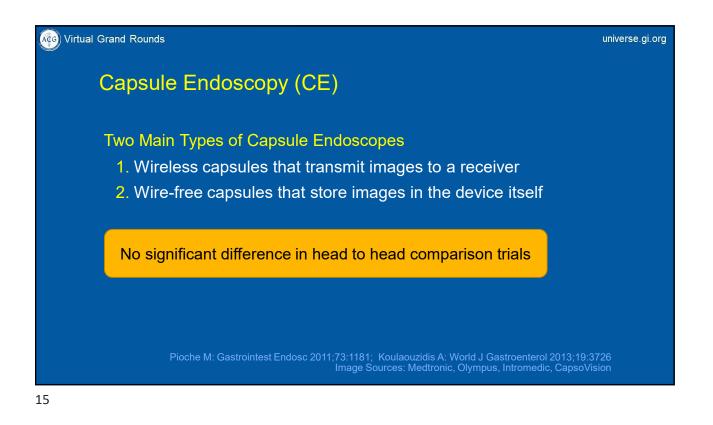


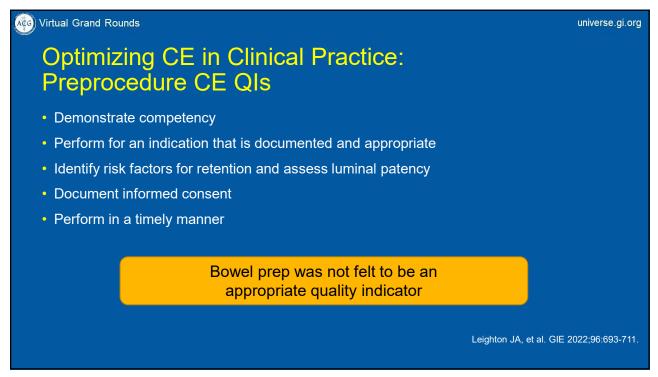


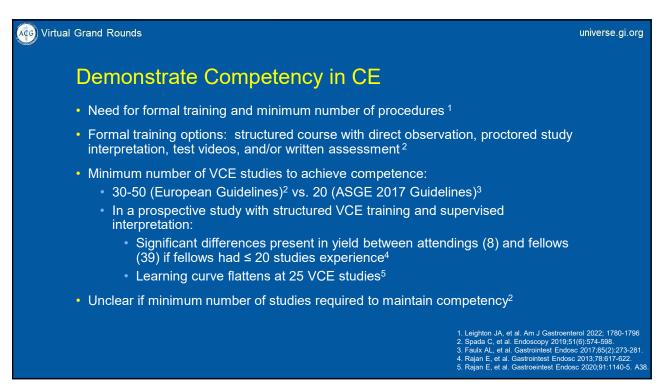






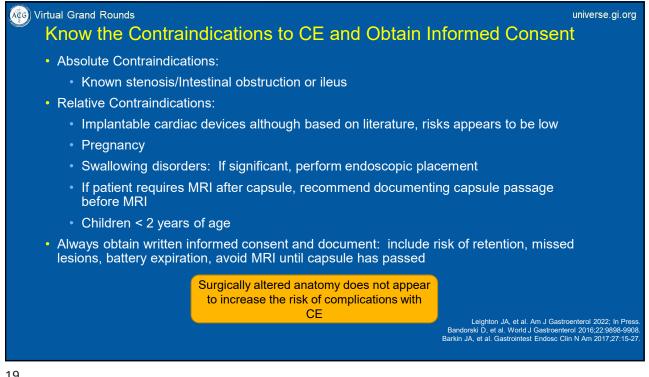


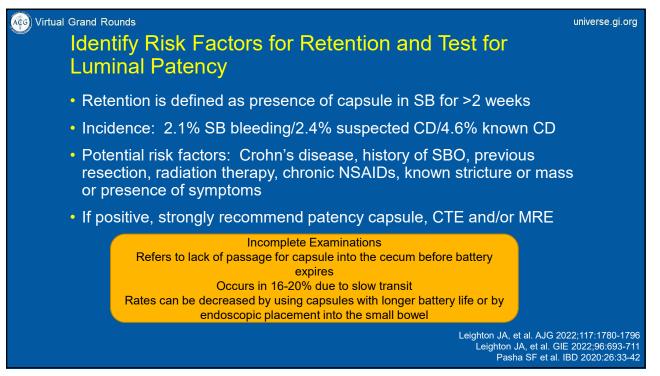




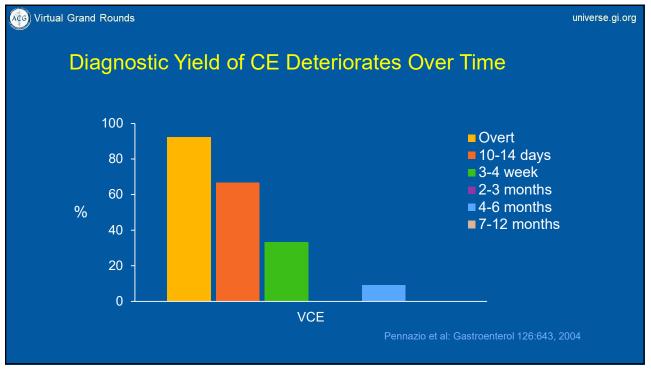
## Virtual Grand Rounds Perform For An Indication That Is Appropriate

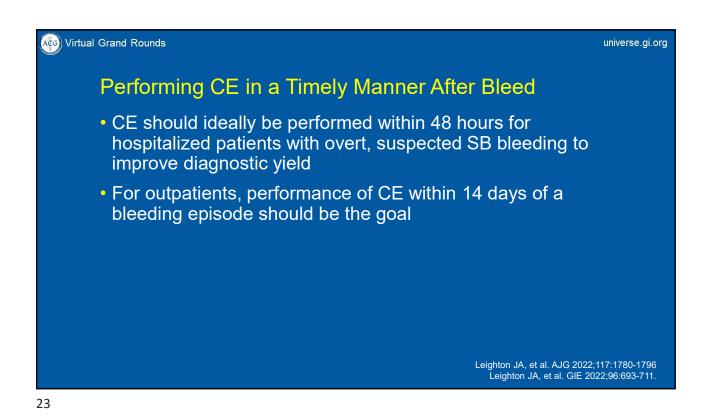
Crohn's Disease (Known or Suspected)MalabsorptionInherited Polyposis Syndromes (FAP, Peutz-Jeghers Syndrome)Iron Deficiency Anemia without Evidence of GI BleedingAbnormal Small Bowel ImagingImaging	Appropriate Indication	ons for VCE	Low Yield Indications
Crohn's Disease (Known or Suspected)       Malabsorption         Inherited Polyposis Syndromes (FAP, Peutz-Jeghers Syndrome)       Iron Deficiency Anemia without Evidence of GI Bleeding         Abnormal Small Bowel Imaging       Complicated/Refractory Celiac Disease         Appropriate indications markedly increase diagnostic yield!       Appropriate indications markedly increase	Obscure GI Bleeding/Small B	Bowel Bleeding	Abdominal Pain
Inherited Polyposis Syndromes (FAP, Peutz-Jeghers Syndrome) Iron Deficiency Anemia without Evidence of GI Bleeding Abnormal Small Bowel Imaging Complicated/Refractory Celiac Disease Appropriate indications markedly increase diagnostic yield!	Iron Deficiency Anemia		Diarrhea
Syndrome) Evidence of GI Bleeding Abnormal Small Bowel Imaging Complicated/Refractory Celiac Disease Appropriate indications markedly increase diagnostic yield!	Crohn's Disease (Known or Suspected)		Malabsorption
diagnostic yield!	Inherited Polyposis Syndromes (FAP, Peutz-Jeghers Syndrome)		•
Appropriate indications markedly increase diagnostic yield!	Abnormal Small Bowel Imag	ing	
diagnostic yield!	Complicated/Refractory Celia		
justification should be documented	If	diagnostic yield! CE is performed for a nonstandard	d indication,
	Courtesy of Jodie Barkin		Leighton JA, et al. AJG 2022;117: Leighton JA, et al. GIE 2022;9

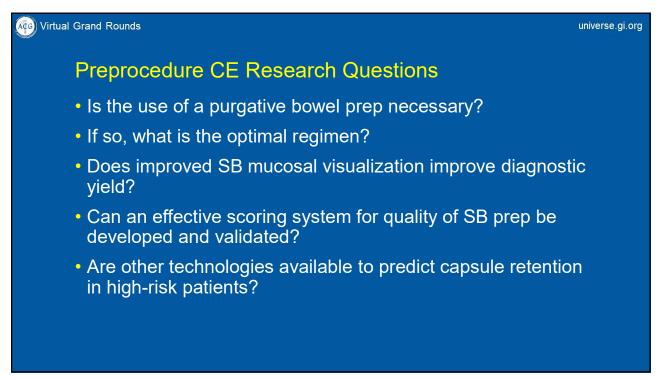


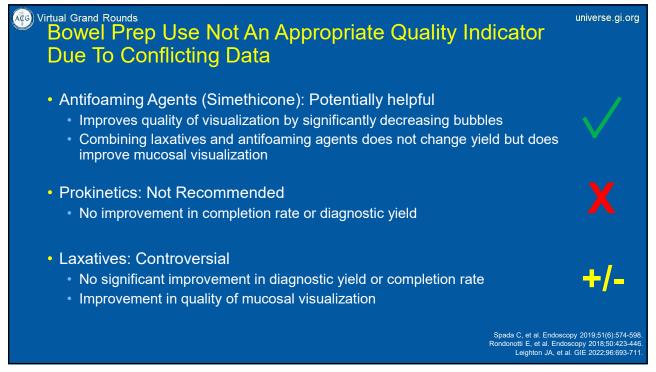


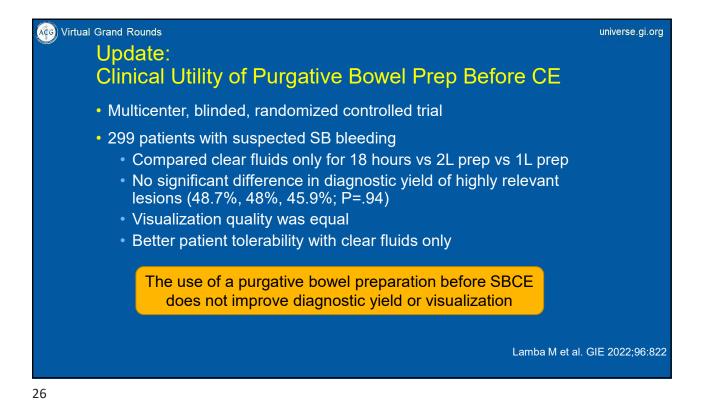
Indication	Diagnostic Yield % Range <sup>1</sup>
Mixed Indications	27-77.3%
Suspected GI Bleeding	31-68%
Suspected Crohn's Disease	6-38%
Active Crohn's Disease	39%
<ul> <li>Timing of VCE<sup>2,3</sup>:</li> <li>Improved yield if closer to bleeding</li> <li>Inpatients: 90% yield if within 48 ho</li> <li>Outpatients: Recommended within</li> <li>64 pts with OGIB<sup>4</sup>:</li> </ul>	urs of bleeding onset



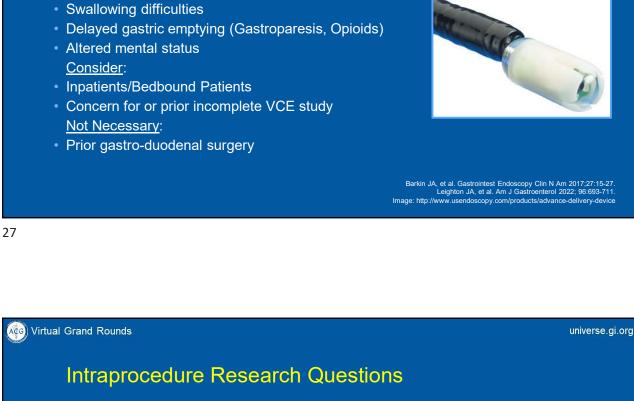








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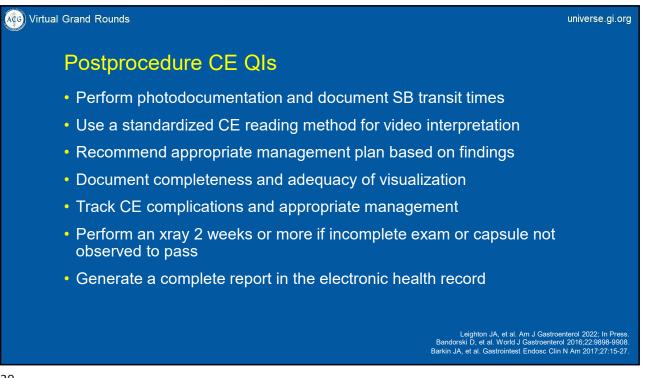
Intraprocedure QI: Perform proper placement with risk of gastric retention or contraindications to swallowing

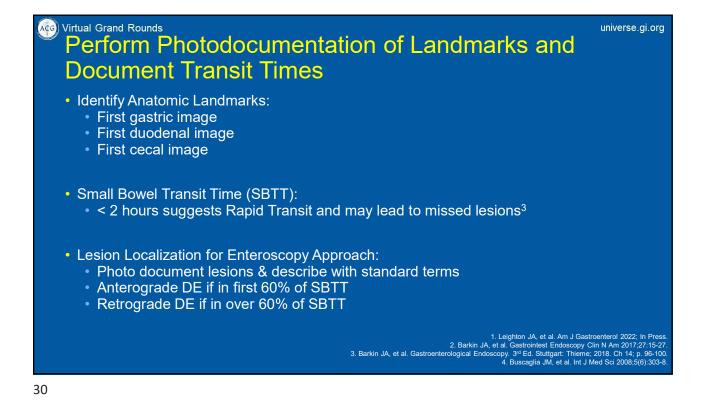
- What is the diagnostic miss rate of CE when clinically significant lesions are found on DE only?
- Does real-time CE monitoring in the ED improve triaging and diagnostic yield in acute GIB?
- Is delayed gastric emptying of the capsule an indication of a motility disorder?
- What are optimal methods to improve CE completion rates in the OP and IP setting?
- What is needed to improve localization of lesions on CE?
- Will controllable capsules improve the diagnostic yield and management of SB lesions?

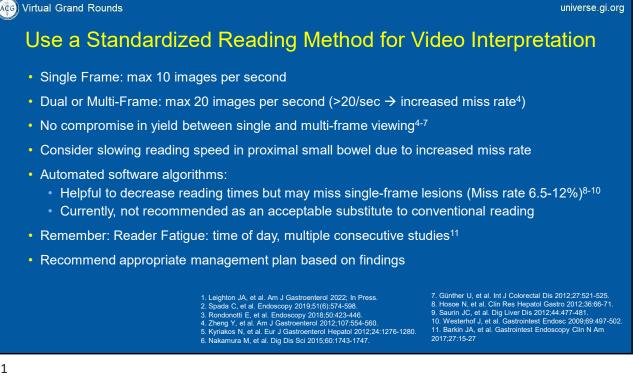
Leighton JA, et al. AJG 2022;117:1780-1796 Leighton JA, et al. GIE 2022;96:693-711.

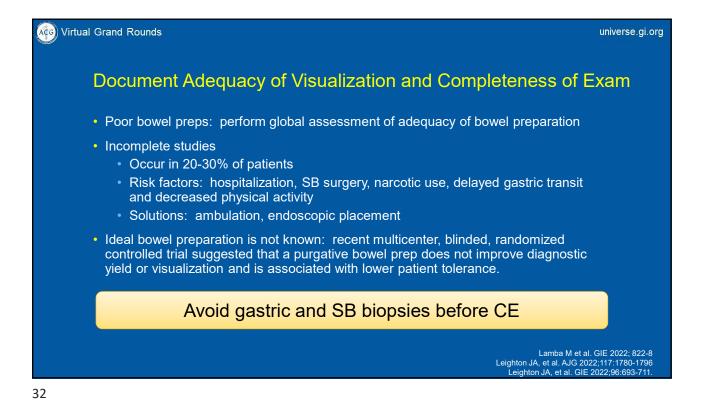
(Keg) Virtual Grand Rounds

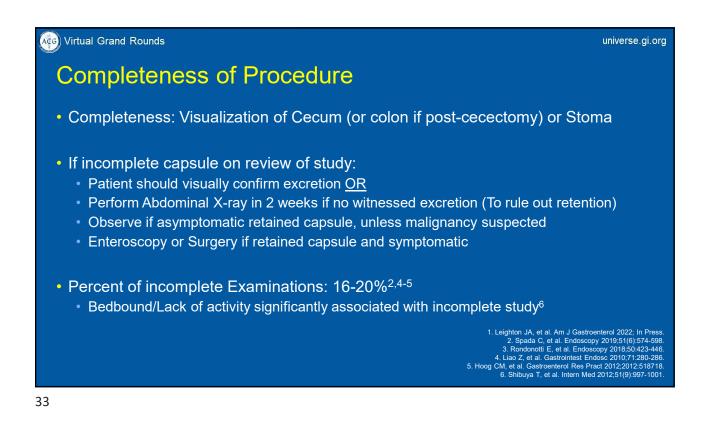
 Endoscopic Deployment Recommended:



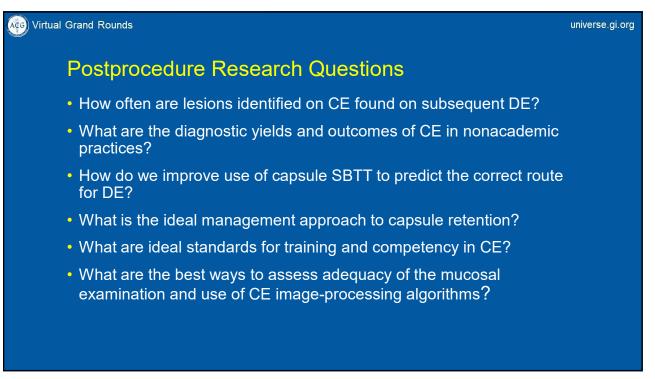




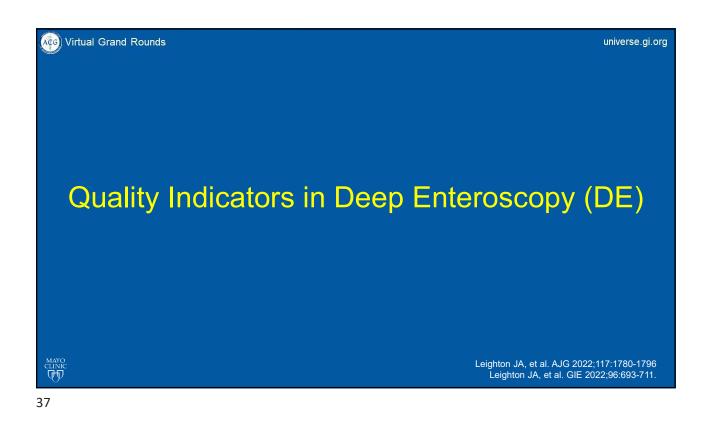




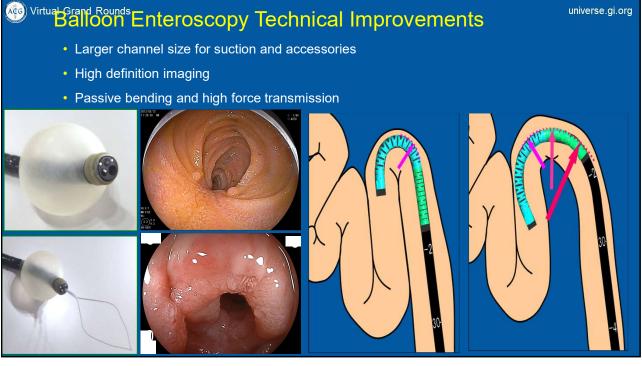
Virtual Grand Rounds		universe.gi.org
Track CE Com	plications and Appropriate I	Management
Overall Adverse Even	it Rate:	
<ul> <li>Approximately 29 perforation)<sup>1-4</sup></li> </ul>	% (Retention, Aspiration < 0.1%, Capsule-	induced bleeding or
<ul> <li>Safe to perform</li> </ul>	/CE with Pacemakers, AICDs, LVADs <sup>5,6</sup>	
<ul> <li>Capsule Retention: &gt;</li> </ul>	15 days on Abdominal X-Ray or Symptoma	tic
<ul> <li>Symptomatic retentio significant pathology,</li> </ul>	n: Early Enteroscopy or Surgery if retained o or suspected malignancy <sup>3,4,8</sup>	capsule and symptomatic,
Determine appropriat	e management and document in report	
	<ol> <li>Fernandez Urien I, et al. Rev Esp Enferm Dig 2015;107:745-52.</li> <li>Koulaouzidis A, et al. World J Gastroenterol 2013;19:3726-46.</li> <li>Spada C, et al. Endoscopy 2019;51(6):574-598.</li> <li>Rondonotti E, et al. Endoscopy 2018;50:423-446.</li> </ol>	<ol> <li>Yung DE, et al. Eur J Gastroenterol Hepatol 2017;29:428-34.</li> <li>Harris LA, et al. Gastroenterol Res Pract 2013;2013;959243.</li> <li>Rondonotti E, et al. Eur J Gastroenterol Hepatol 2010;22:1380</li> <li>Cheon JH, et al. Endoscopy 2007;39:1046-52.</li> </ol>

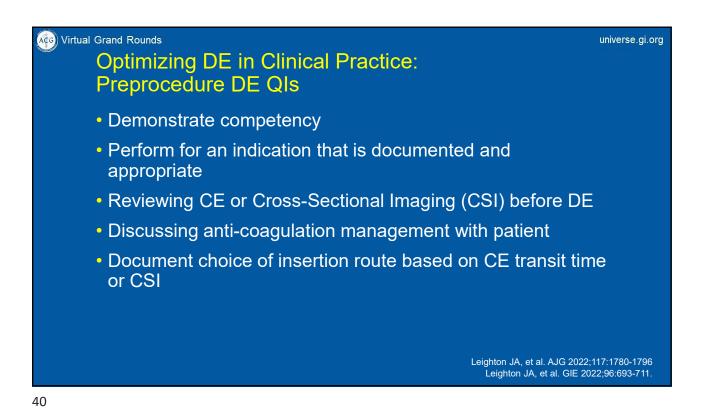


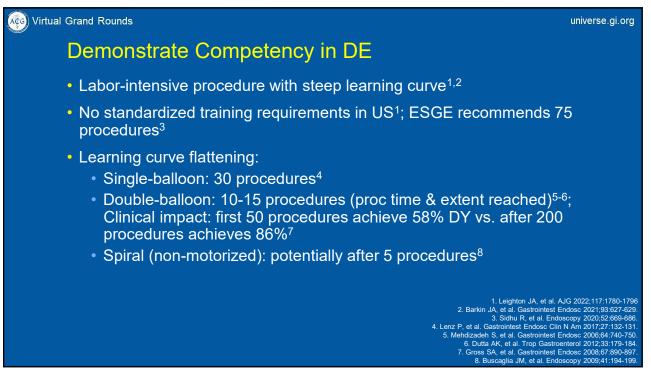
Virtual Grand Rounds Take Home Points:	universe.gi.org
Optimizing CE in Clinical Practice	
Indication/Brief Clinical History	
Endoscopy vs Oral Ingestion	
Gastric and Small Bowel Transit Times	Adequacy:
Quality of Bowel Preparation with Mention of Adequacy	<ul> <li>Study is complete</li> <li>Adequate bowel prep quality</li> </ul>
Image Landmarks	SBTT > 2 hrs
Completeness of Study	
Comment on Retention if indicated	
Diagnostic Findings & Plan of Care	
3. Barkin JA, et al. G	<ol> <li>Leighton JA, et al. Am J Gastroenterol 2022; In Press.</li> <li>Barkin JA, et al. Gastrointest Endoscopy Clin N Am 2017;27:15-27.</li> <li>astroenterological Endoscopy. 3<sup>rd</sup> Ed. Stuttgart: Thieme; 2018. Ch 14; p. es 100</li> </ol>

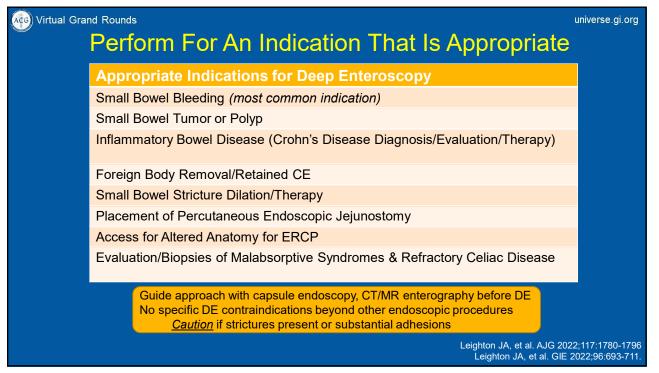


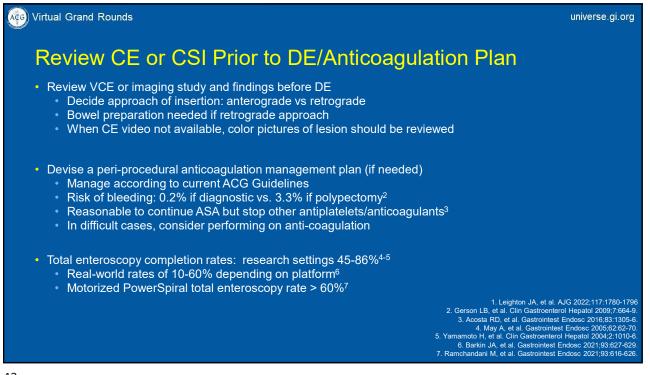


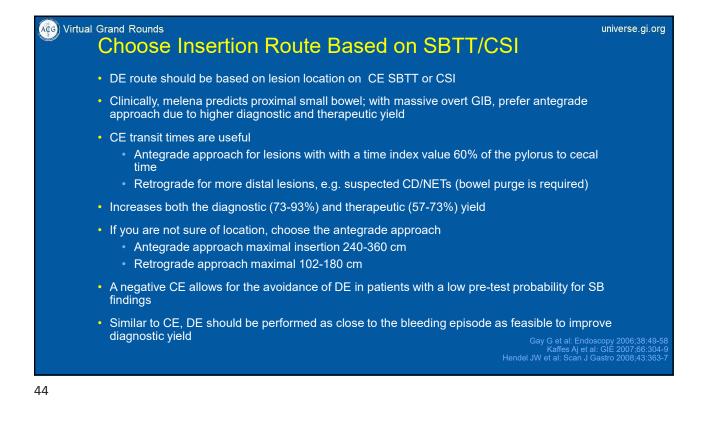


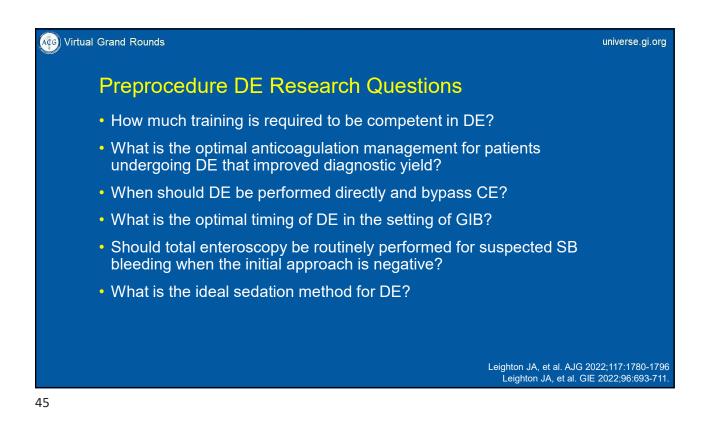


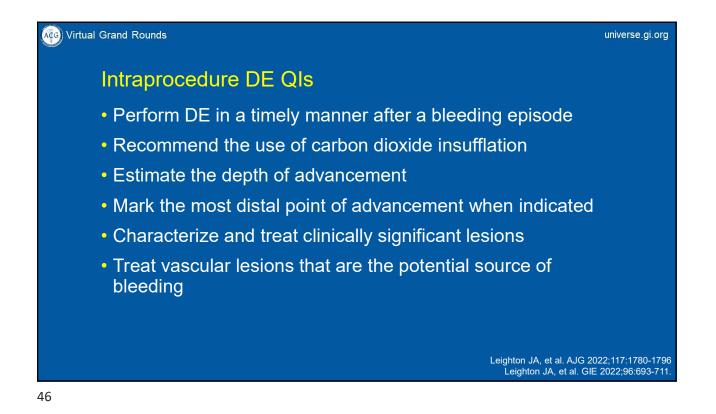


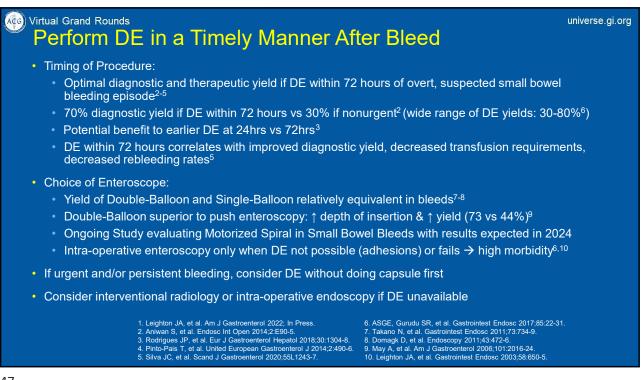


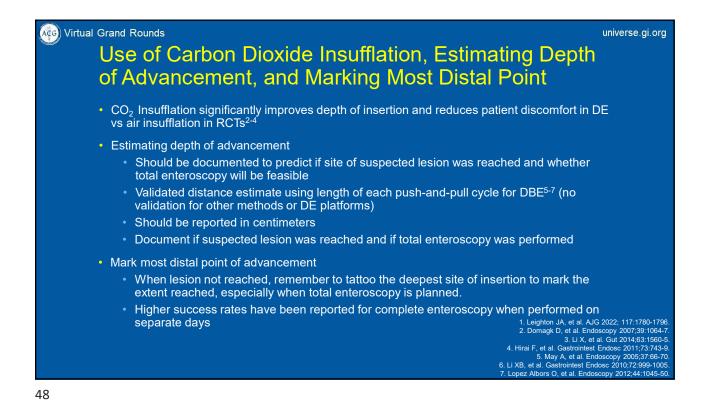


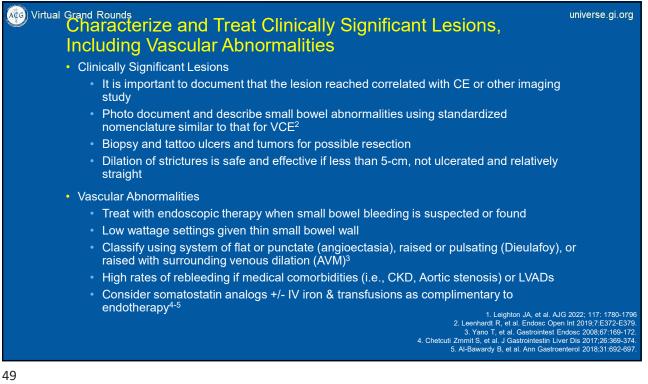


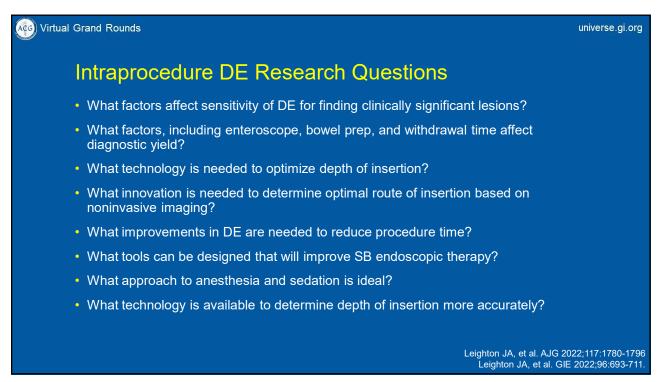


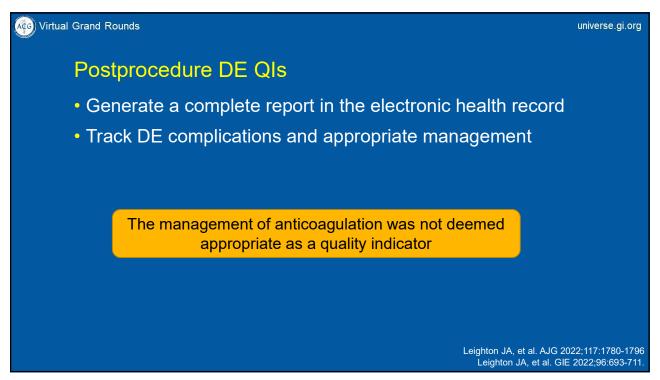


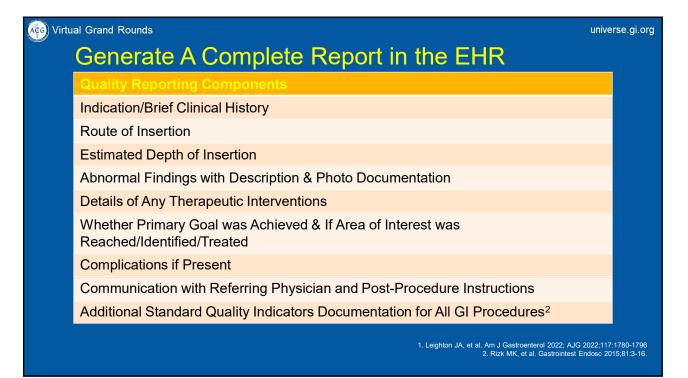


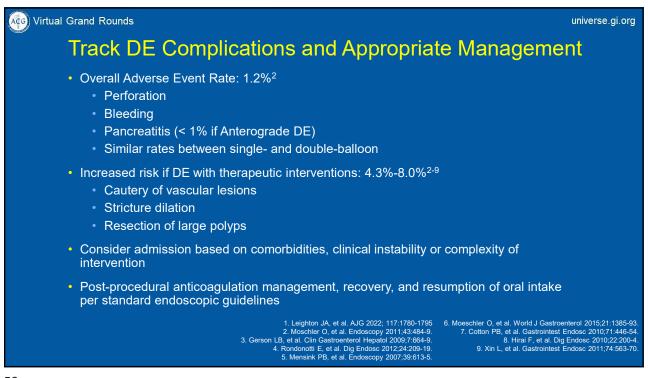


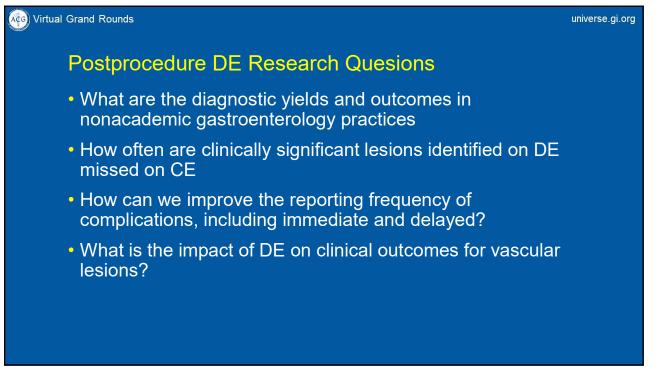


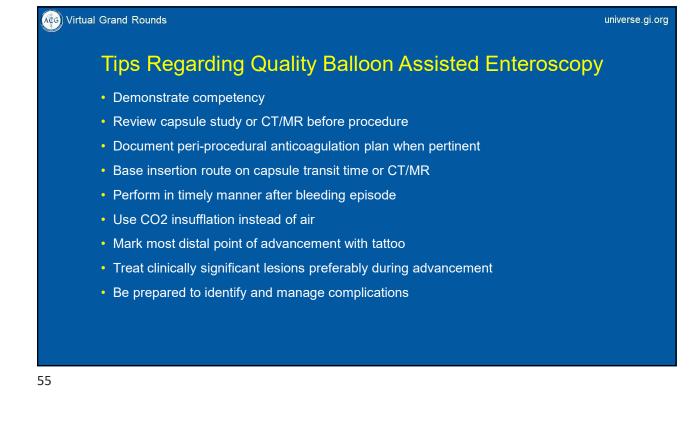














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