















ACG Standard Slide Decks

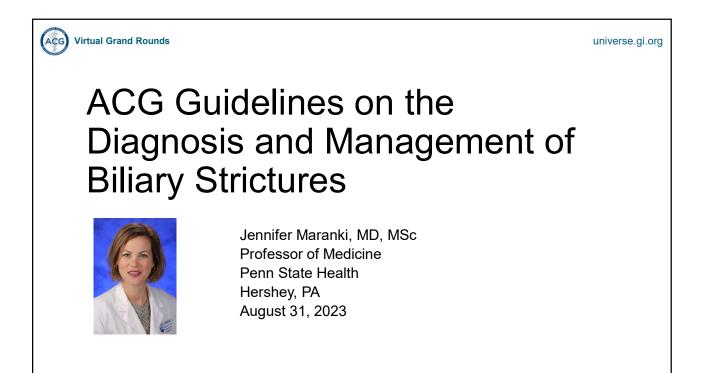
Colorectal Cancer Screening and Surveillance Slide Deck Ulcerative Colitis Slide Deck

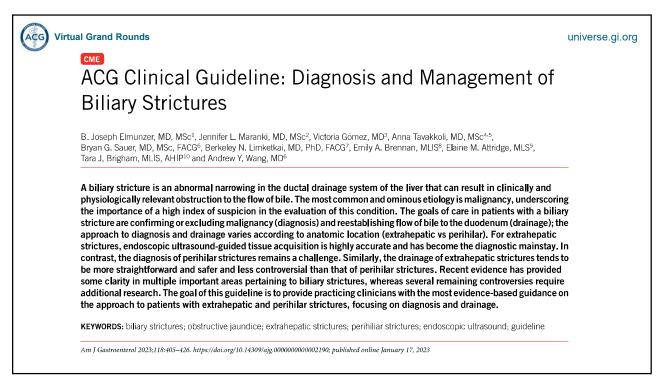
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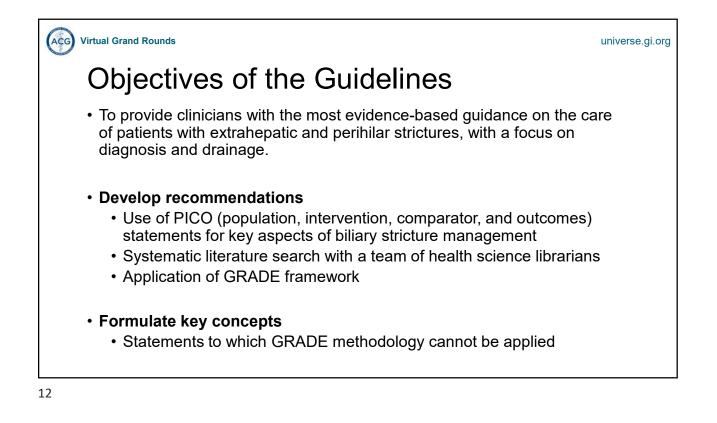
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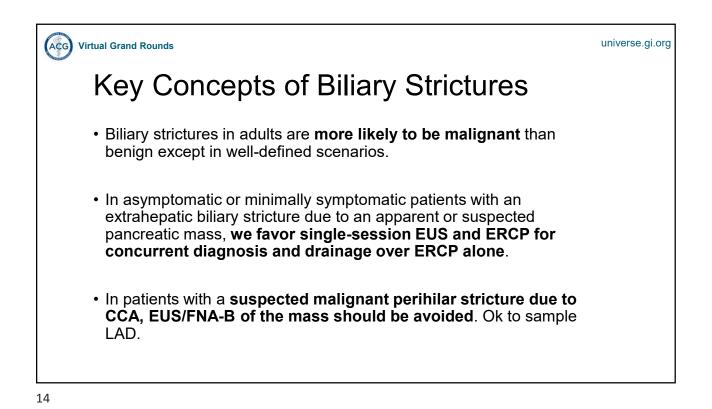


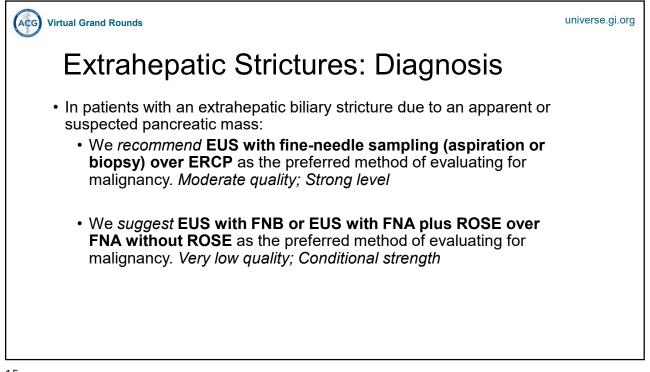




Grading of Recommendations, Assessment, Development, and Evaluation (GRADE)

Strength of recommendation	Criteria
Strong	Strong recommendations are offered when the desirable effects of an intervention clearly outweigh the undesirable effects.
Conditional	Conditional recommendations are offered when trade-offs are less certain—either because of low-quality evidence or because evidence suggests that desirable and undesirable effects are closely balanced.
Quality of Evidence	Criteria
High	We are very confident that the true effect lies close to that of the estimate of the effect.
Moderate	We are moderately confident in the effect estimate: The true effect is likely to be close to the estimate of the effect, but there is a possibility that it is substantially different.
Low	Our confidence in the effect estimate is limited: The true effect may be substantially different from the estimate of the effect.
Very low	We have very little confidence in the effect estimate: The true effect is likely to be substantially different from the estimate of effect.

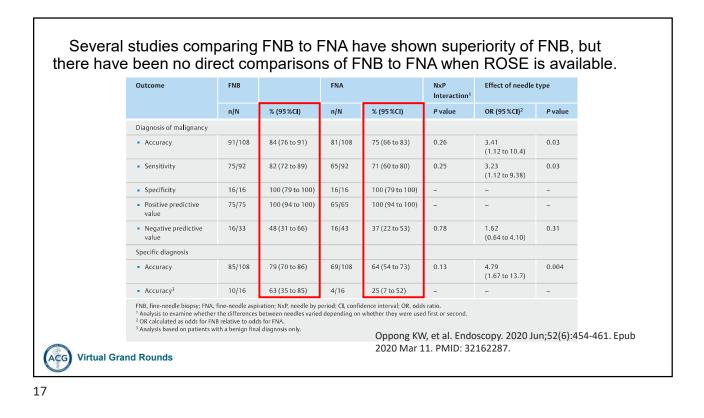


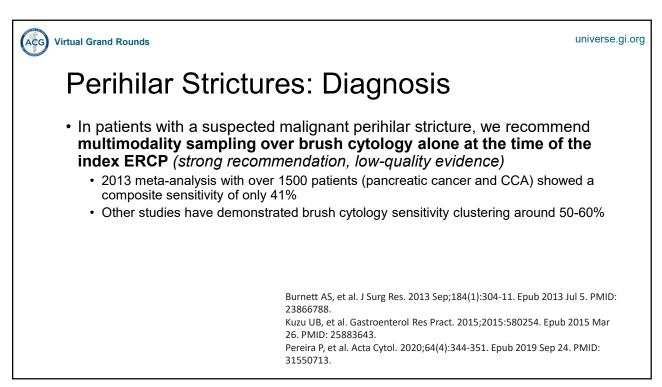


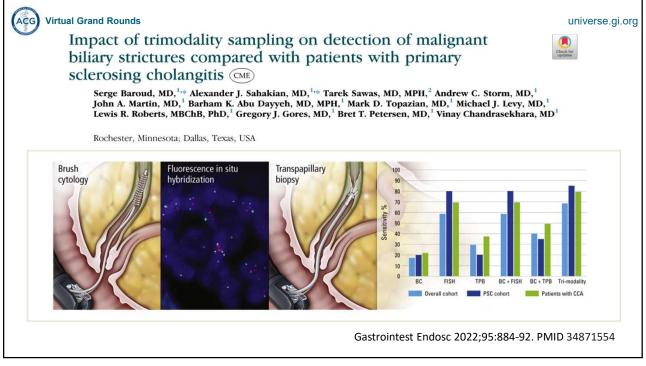
Virtual Grand Rounds universe Several prospective studies and two meta-analyses support the superiority of EUS-guided sampling over ERCP, particularly in cases of pancreatic masses.						
Method(s)	Sensitivity (%)	Specificity (%)	Positive likelihood ratio	Negative likelihood ratio	Area under the curve- sROC	
EUS + ERCP	86 (81–90)	98 (91–100)	12.50 (4.23-36.88)	0.17 (0.11-0.28)	0.9656	
EUS	76 (72–80)	100 (94–100)	10.95 (3.73–32.13)	0.27 (0.18-0.43)	0.9458	
ERCP	58 (53–62)	98 (92–100)	7.51 (2.75–20.51)	0.47 (0.40-0.56)	0.7819	
EUS-FNA in pancreatic lesions	75 (65–81)	100 (87–100)	10.59 (2.29–48.91)	0.27 (0.16-0.47)	0.9422	
ERCP in pancreatic lesions	47 (40–53)	100 (87–100)	4.90 (1.02–23.59)	0.66 (0.43-1.01)	0.7930	
EUS-FNA in biliary lesions	71 (62–79)	100 (86–100)	5.77 (1.56–21.28)	0.38 (0.19–0.75)	0.8832	

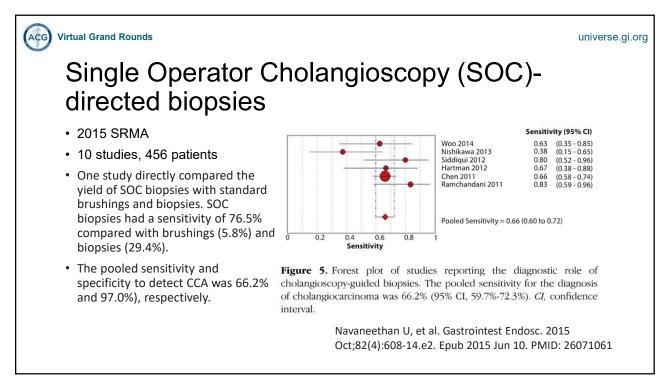
ry receiver operating characteristic.

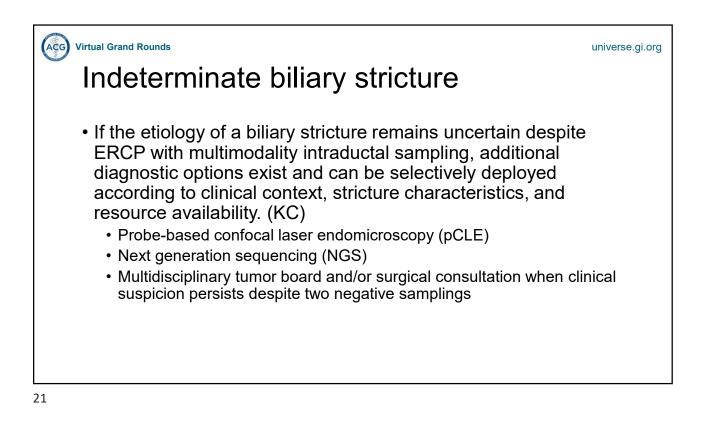
de Moura DTH, et al. Clin Endosc. 2020 Jul;53(4):417-428. Epub 2019 Nov 5. PMID: 31684700

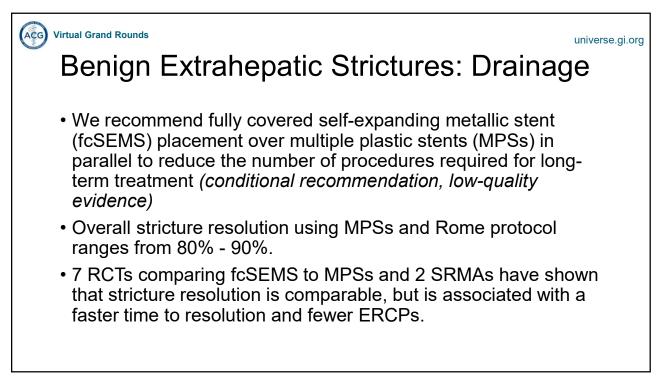


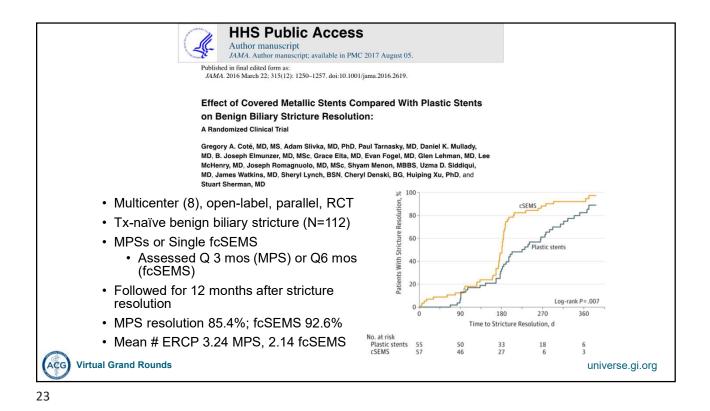


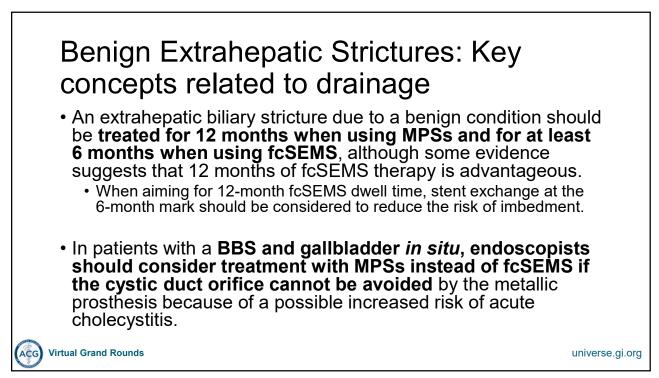


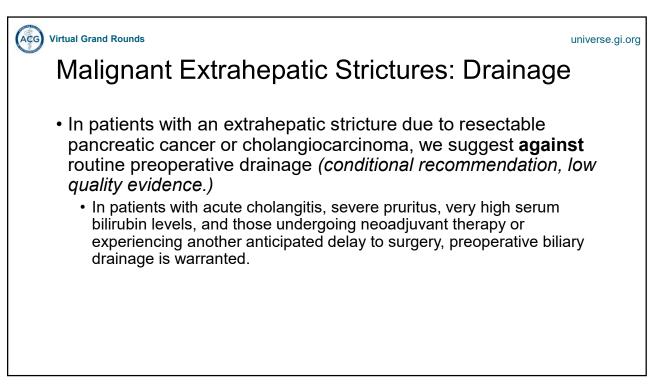


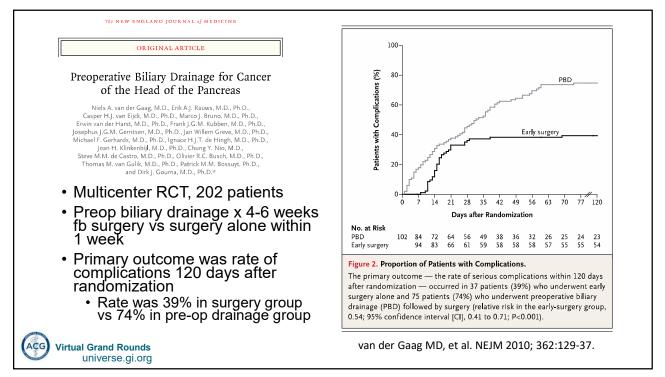












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ACG Virtual Grand Rounds Plastic vs. Self-Expandable Metal Stents for universe.gi.org Palliation in Malignant Biliary Obstruction: A Series of Meta-Analyses Majid A. Almadi, MBBS, MSc (Clinical Epidemiology), FRCPC^{1,2}, Alan Barkun, MD, CM, MSc (Clinical Epidemiology), FRCPC^{1,2}, Alan Barkun, MSC (Clinical Epidemiology), FRCPC^{1,2}, Alan Barkun, MSC (Clinical Epidemiology), FRCPC^{1,2}, Alan Barkun, M SEMS PS Mean SD Total Weight Mean difference IV, random 95% CI Study or Subgroup
 3.2
 4.2
 49
 8.9%

 5
 0.7
 43
 31.1%

 1.8
 2.5
 49
 30.7%

 5.7
 6.7
 73
 29.3%
Lammer et al. 1996 Moses et al. 2013 Soderlund et al. 2006 Walter et al. 2015
 8.9
 42.8
 52

 12.7
 1.7
 42

 3.6
 2.5
 49

 9.1
 6.8
 146
5.70 [-5.99, 17.39] 7.70 [7.14, 8.26] 1.80 [0.81, 2.79] 3.40 [1.51, 5.29] 20 RCTs comparing PS to SEMS for malignant biliary obstruction Total (95% CI) 214 100.0% 4.45 [0.31, 8.59] 1713 patients leterogeneity: Tau² = 14.27; Chi² = 112.23, df = 3 (P < 0.00001); I² = 97% Test for overall effect: Z = 2.11 (P = 0.04) No differences in overall patient
 Mean
 PS SD

 3.2
 5.6

 7
 0.9

 6.3
 3.6

 2
 2.6

 3.9
 6.4
Total Weight 49 14.5% 43 29.3% 30 19.2% 26 22.6% 51 14.5% survival or 30-day mortality
 Aean
 SD Total

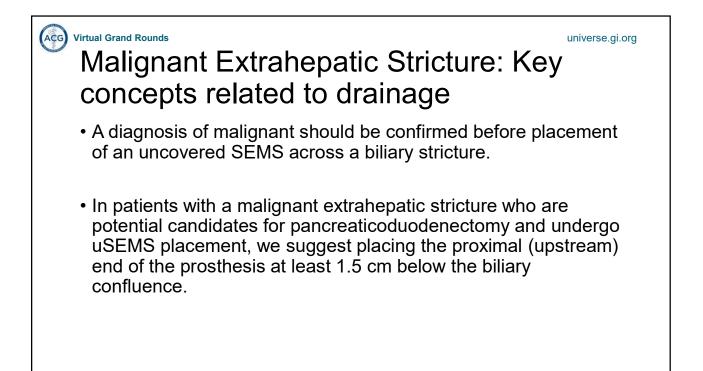
 4
 7.2
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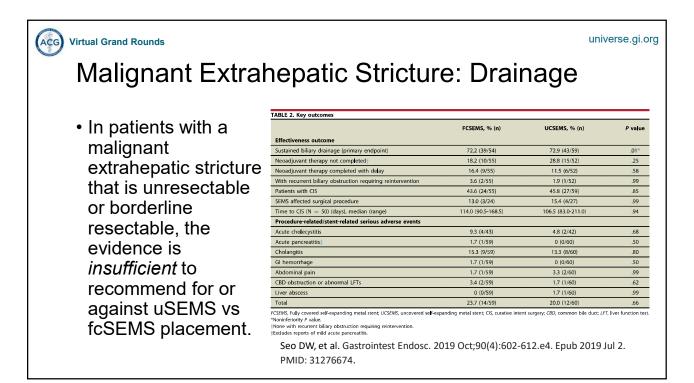
 6.3
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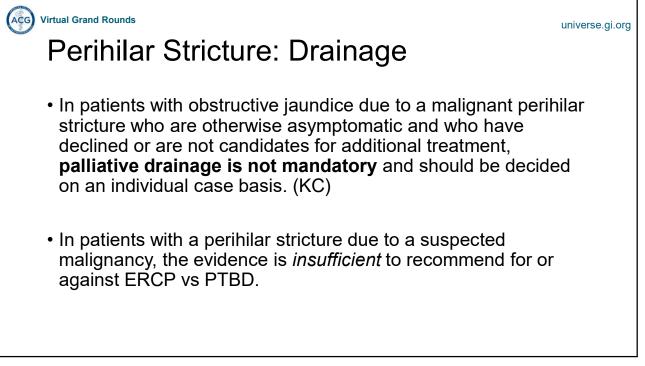
 7.2
 3.6
 30

 3.7
 2.6
 28

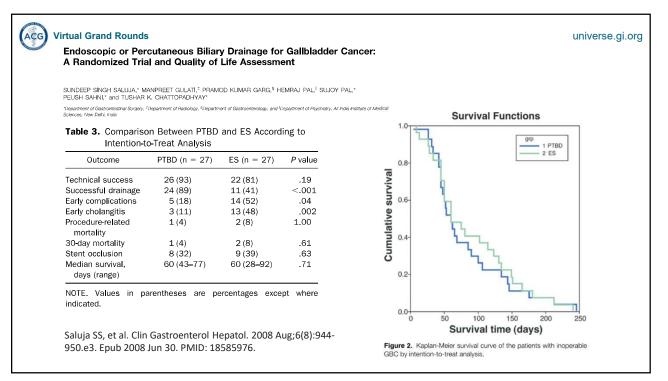
 5.3
 6.4
 49
IV, Handom 95% Cl 0.80 [-1.71, 3.31] -0.70 [-1.06, -0.34] 0.90 [-0.92, 2.72] 1.70 [0.31, 3.09] 1.40 [-1.11, 3.91] Lammer et al. 1996 Moses et al. 2013 Mukai et al. 2013 Pinol et al. 2002 Soderlund et al. 2006 Higher symptom-free survival at 6 months with SEMS, and lower rates of . coar (95% GI) 201 199 100 Heterogeneity: Tau² = 1.53; Chi² = 16.20, df = 4 (P < 0.003); $f^2 = 75\%$ Test for overall effect: Z = 0.99 (P = 0.32) 199 100.0% late complications, sepsis, cholangitis, 0.67 H0.66, 1.991 stent clogging, and need for reintervention Odds Ratio Events Total Events Tota Survival advantage with uncovered 95%-Ci [0.89; 22.79] [0.28; 6.76] [0.22; 3.74] [0.02; 56.94] [0.11; 1.01] [0.25; 2.27] 7.00 2.00 3.00 4.00 0.45 12.00 11.00 5.00 18.00 56 31 78 Davids et al. 1992 49 31 86 11 52 28 49 54 4.50 1.38 0.90 1.00 0.33 0.76 0.78 0.63 3.5% 5.7% 8.8% 1.0% 24.6% 16.1% 10.1% 30.1% 8.2% 8.6% 10.6% 1.4% 16.1% 17.0% 11.2% 26.9% 7.00 4.00 0.55 5.00 10.00 4.00 13.00 nyrim et al. 1992 SEMS, but not partially or fcSEMS r-Locke et al. 1993 gner et al. 1993 nmer et al. 1996 [0.20; 3.11] [0.27; 1.47] Almadi MA, et al. Am J Gastroenterol. Fixed effect model 360 352 0.80 [0,52; 1,24] 2017 Feb;112(2):260-273. Epub 2016 Nov -squared=0.0354, P=0.374 0.01 0.1 0.5 2 15. PMID: 27845340. Figure 1. Forest plot primary outcomes.(a) Stent patency; (b) patient survival; (c) 30-day mortality

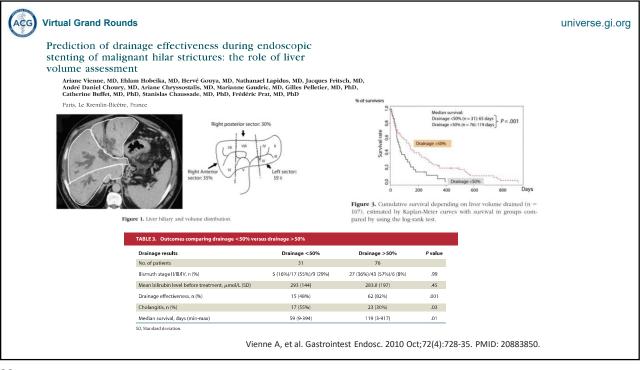


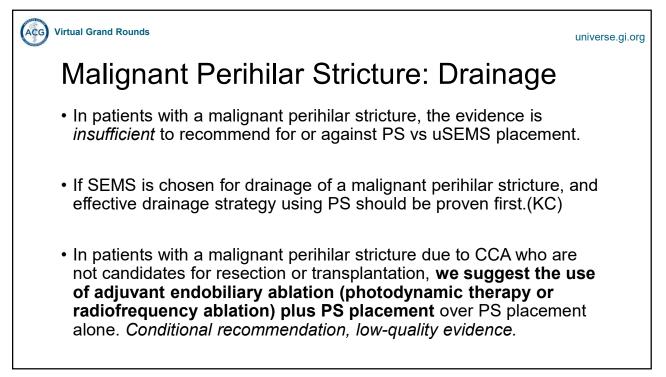


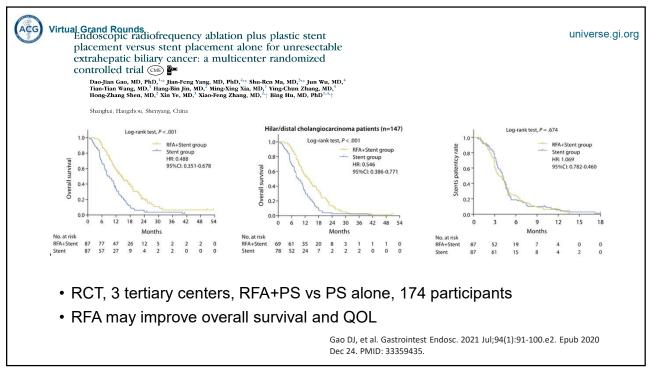


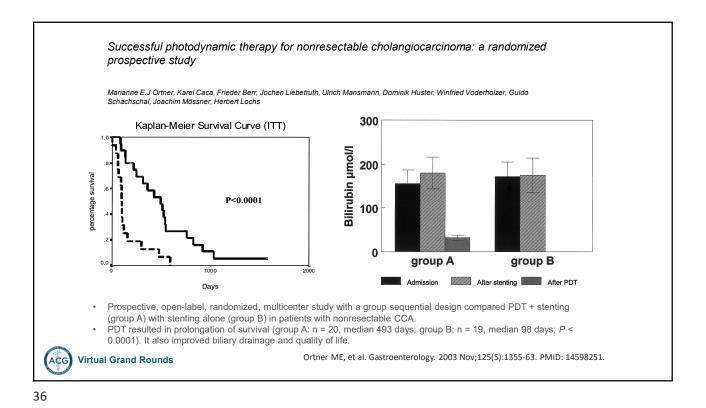


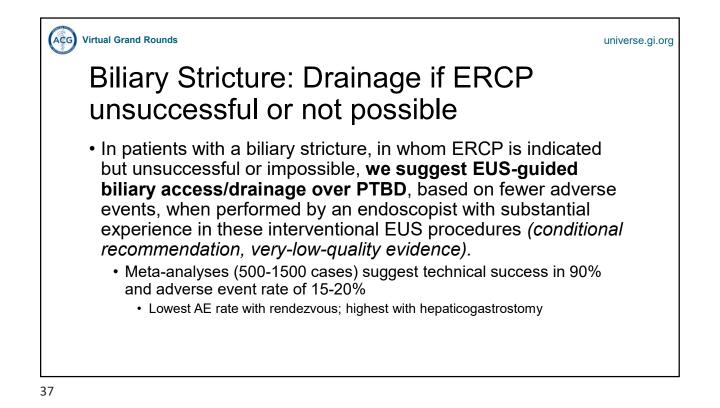


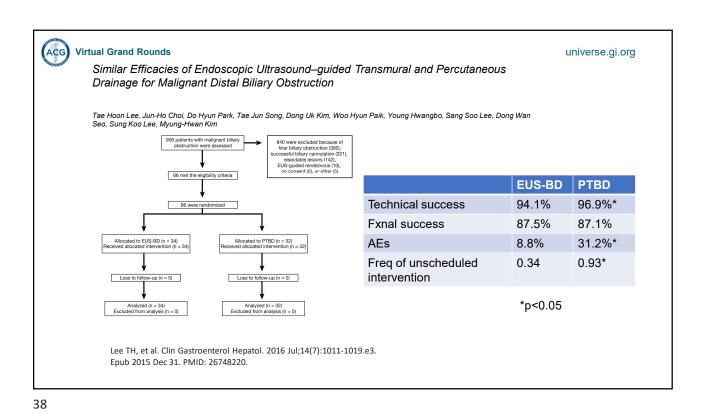












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Thanks for your attention!

• Questions and Answers

ACG Virtual Grand Rounds

39



