





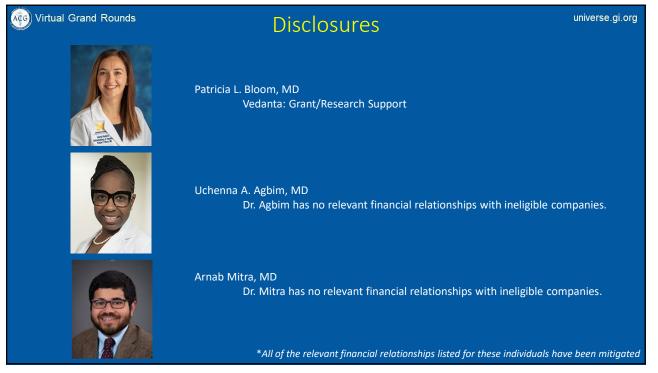


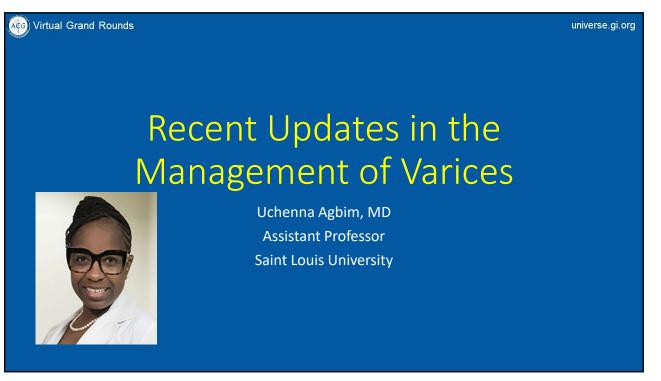
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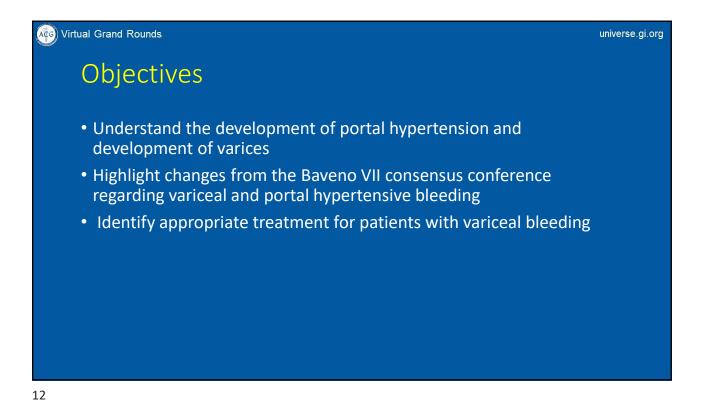
Colorectal Cancer Screening and Surveillance Slide Deck Ulcerative Colitis Slide Deck

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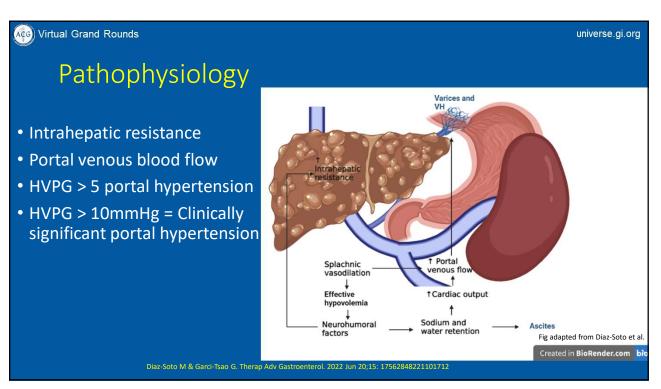


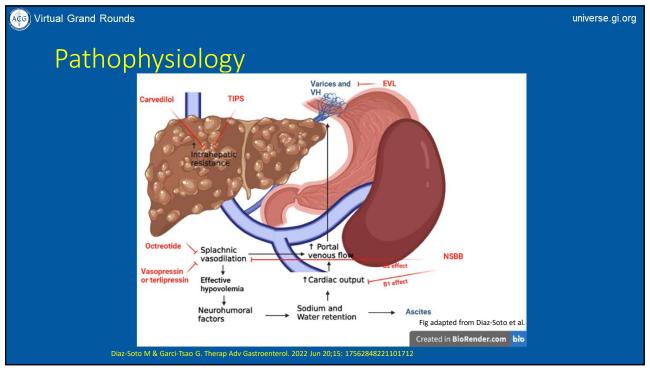
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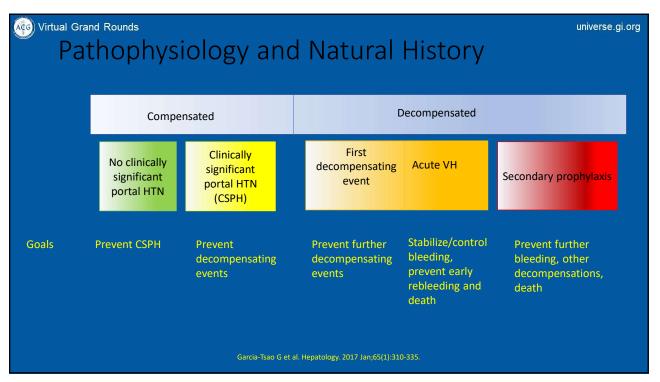
Acc Virtual Grand Rounds

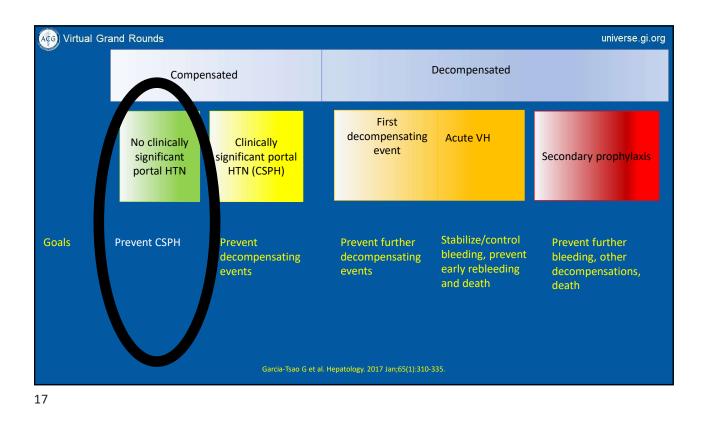
Outline

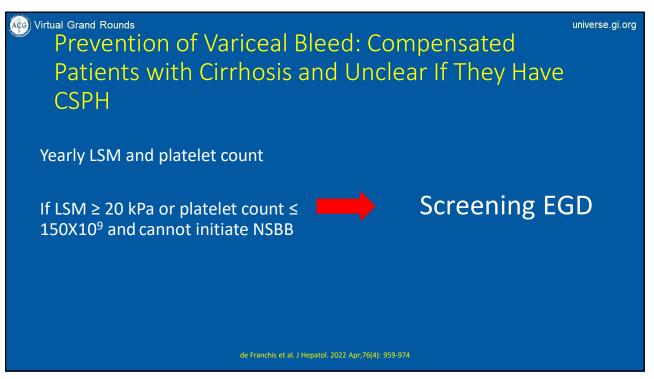
- Pathophysiology of Varices
- Prevention of Variceal Bleed
- Active/Acute Variceal Bleed
- Preventing Subsequent Variceal Bleeds
- Take-Home Points

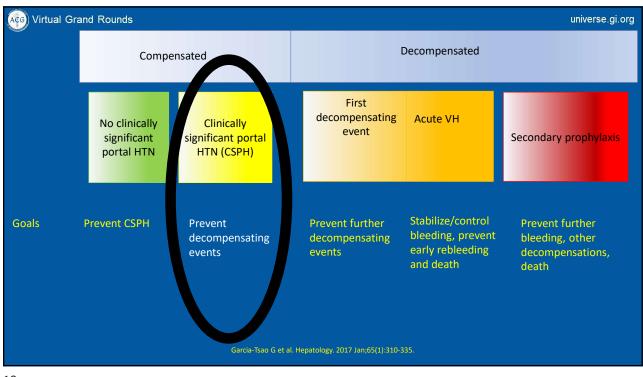


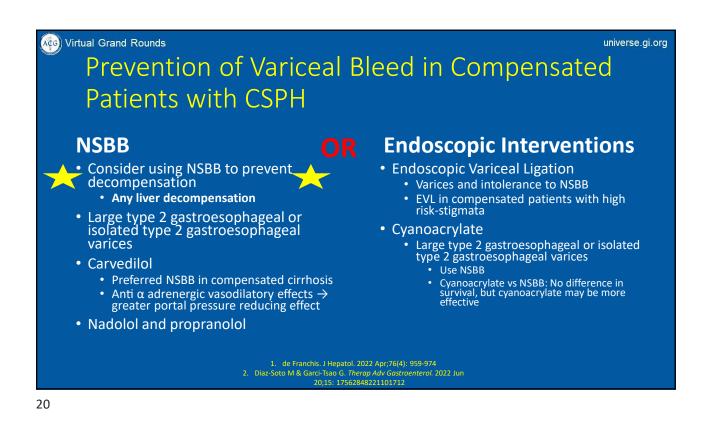


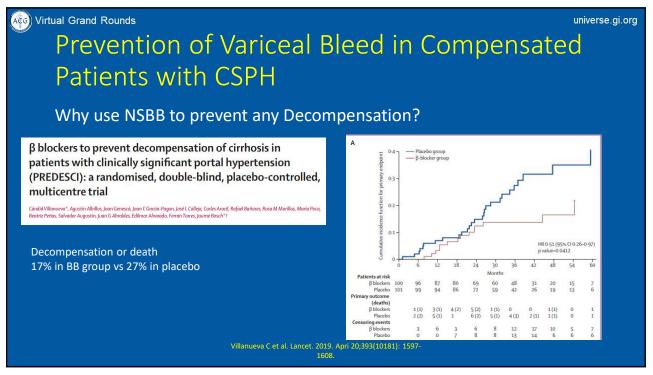


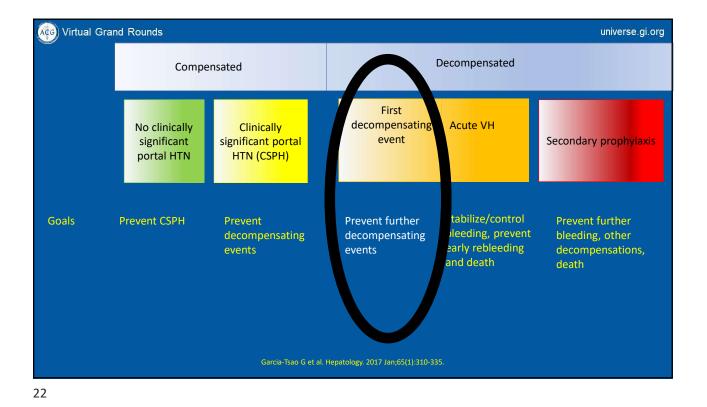


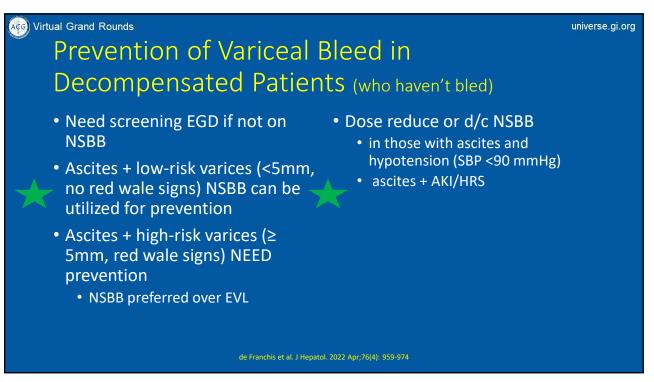


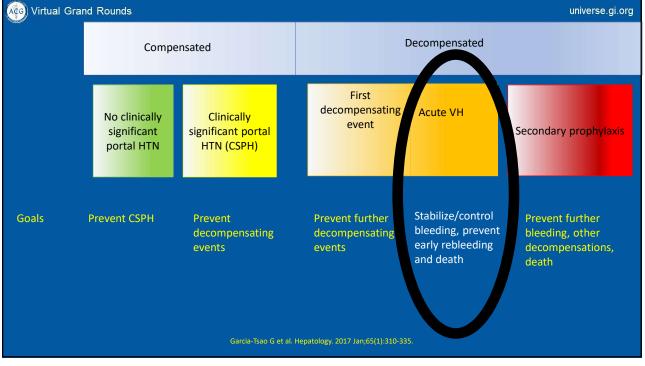


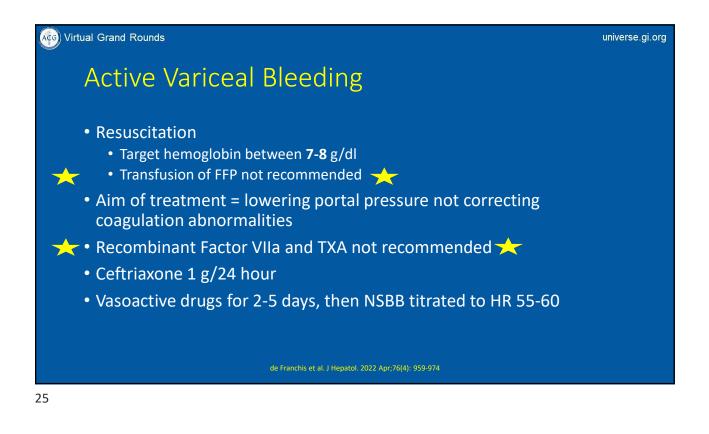


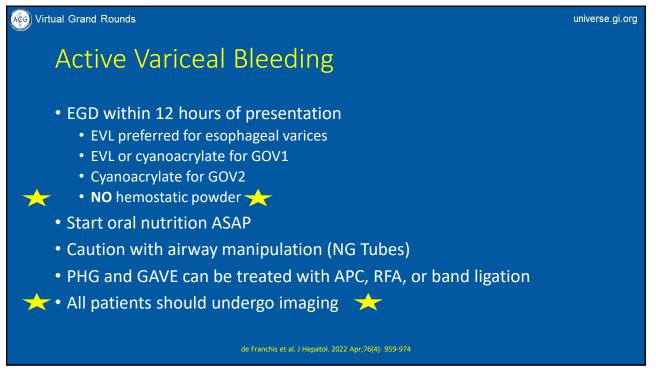


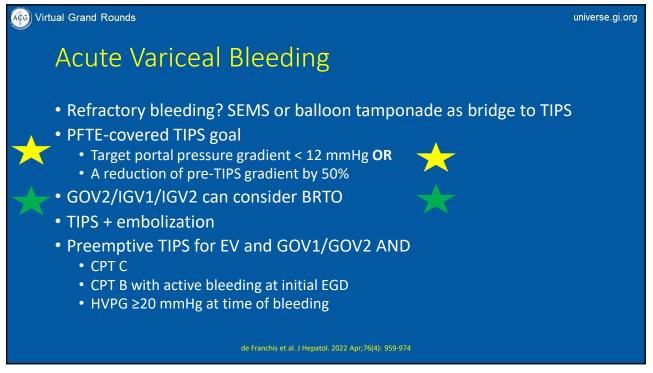




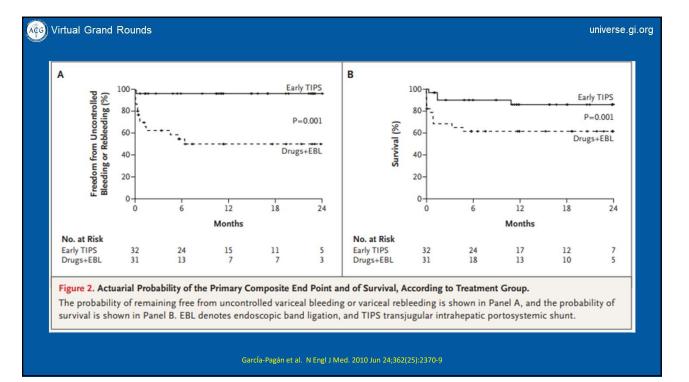


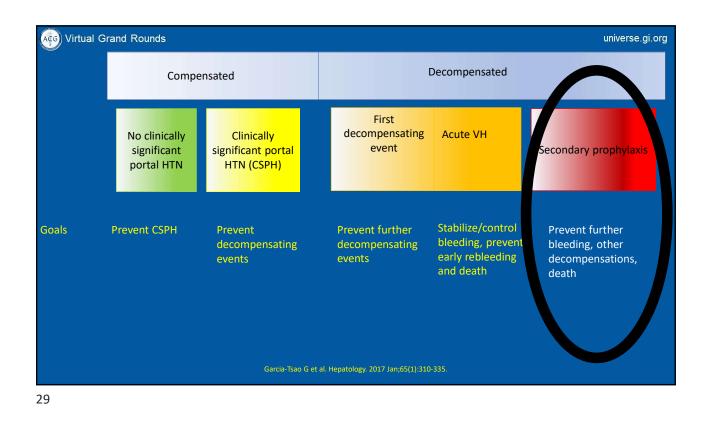


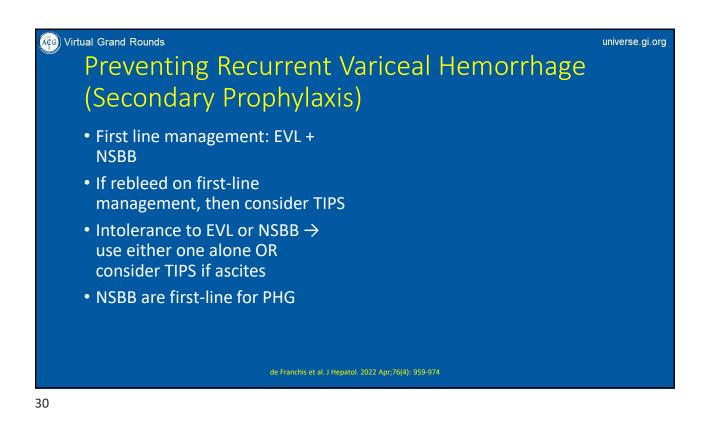


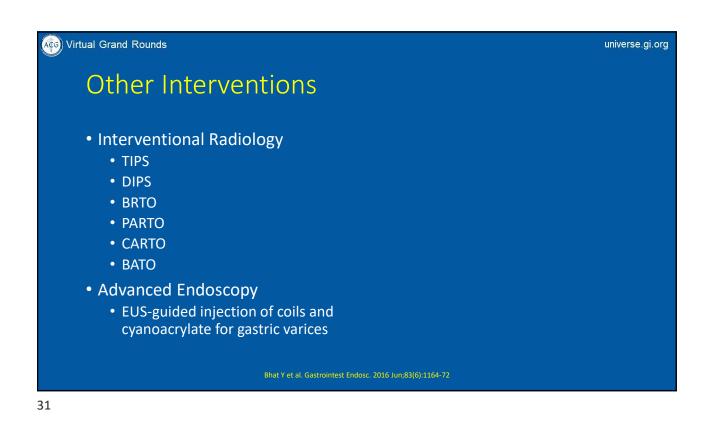


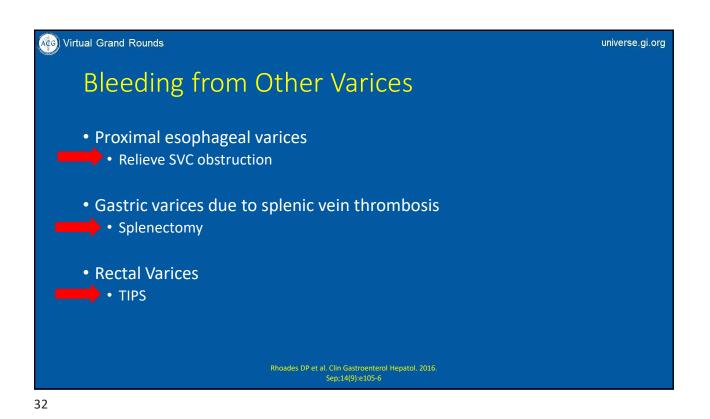


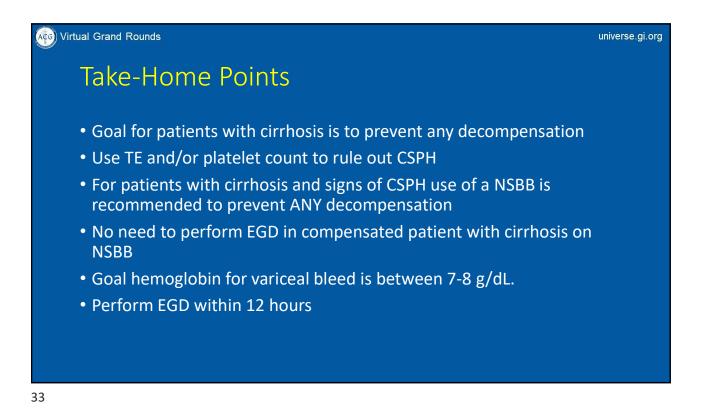


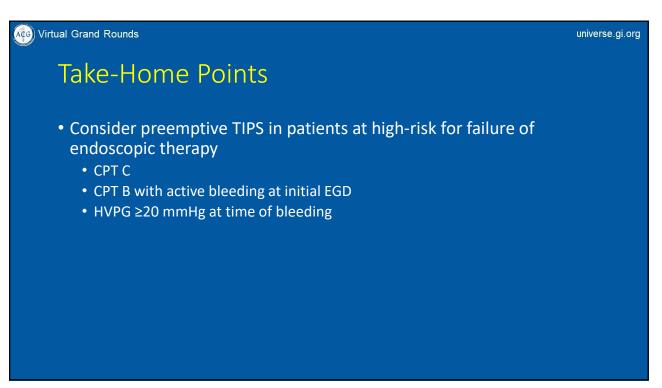


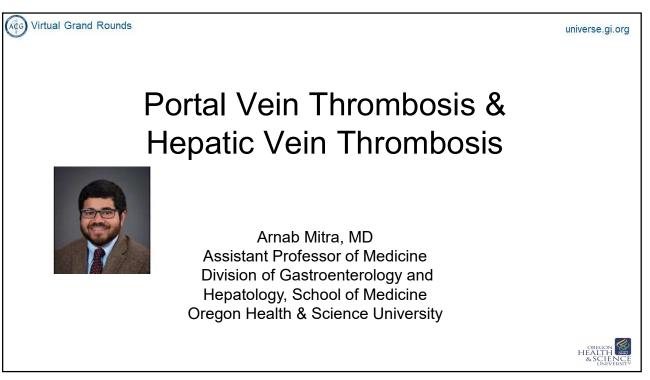


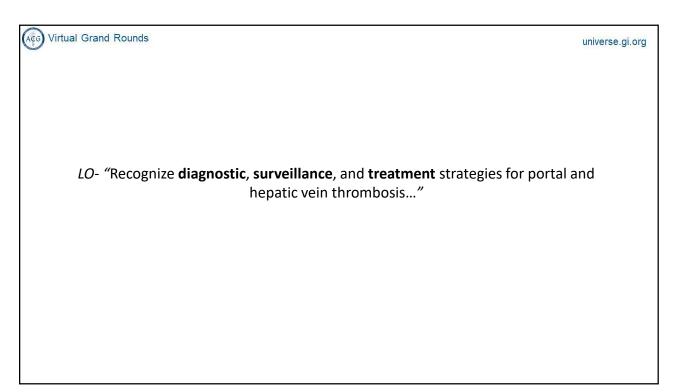




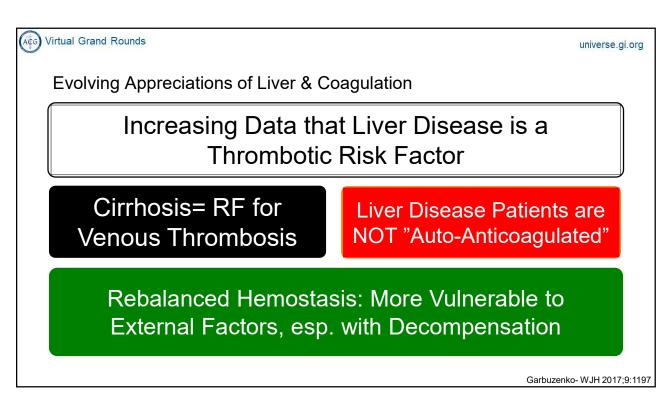


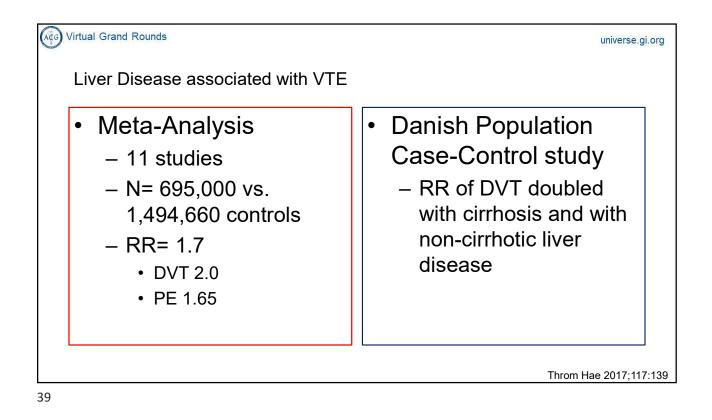


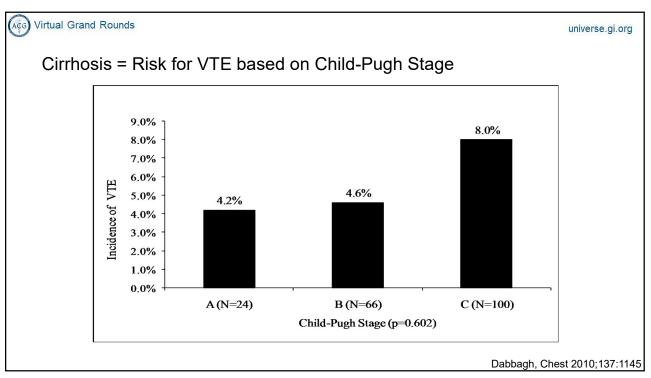


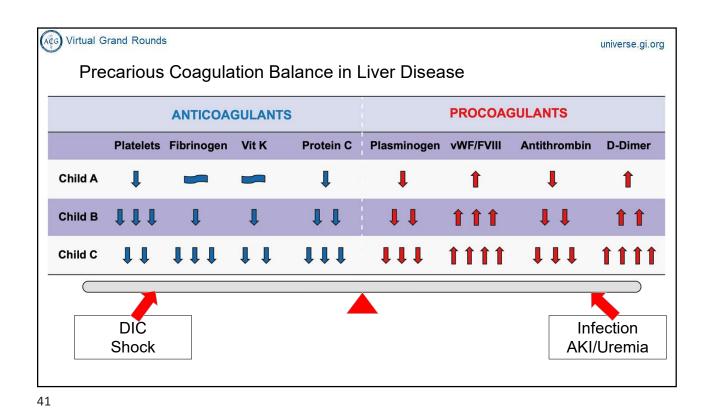




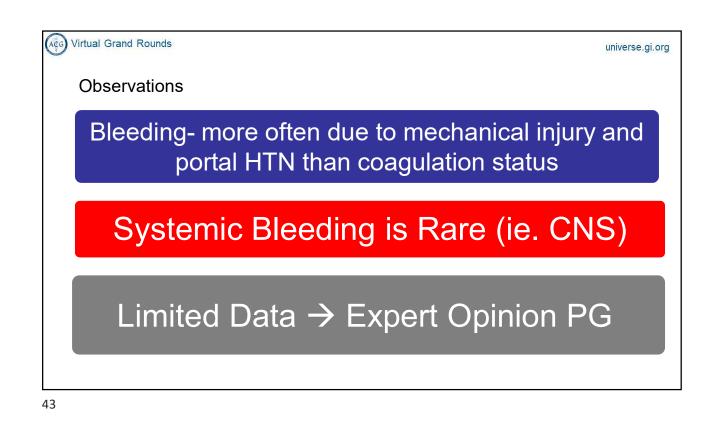


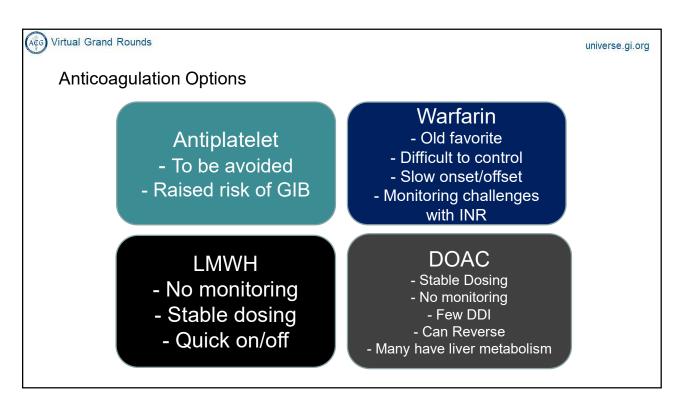


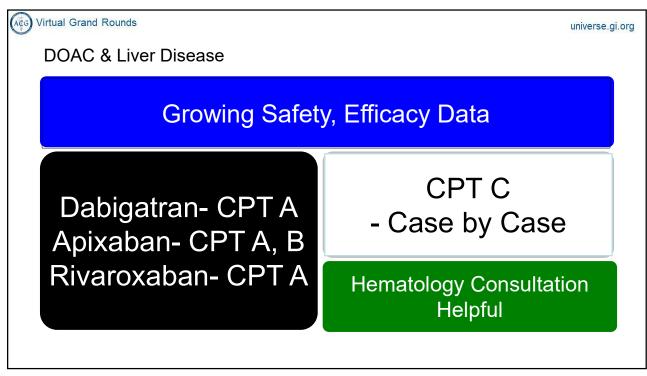


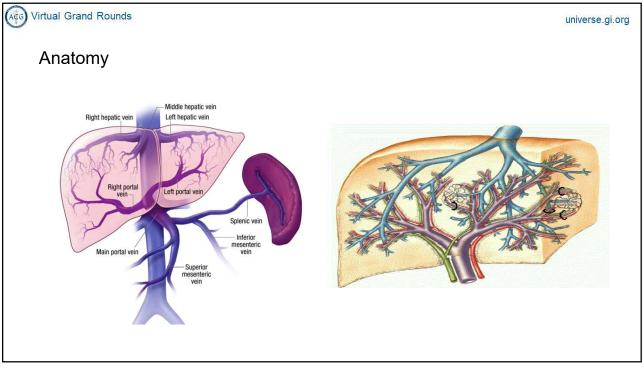


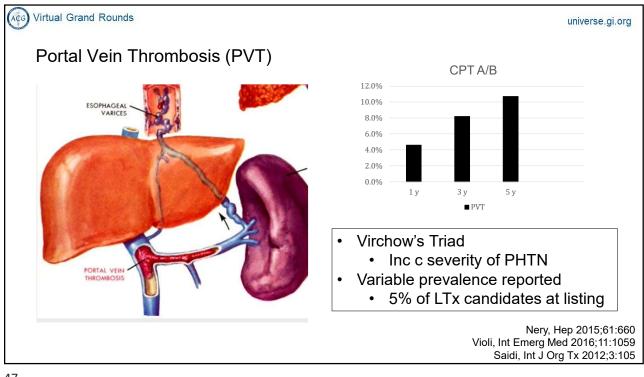
Acc) Virtual Grand Rounds universe.gi.org Coagulation Testing- PT/INR + PLT vs. TEG oscillating axis (+- 4,75°) LED light source Thromboelastography (TEG) mirro R LY30 force spring Fibrinolysis ball bearing data processo nboelastogram (TEG) Thron Normal Values Components Definition Problem Treatment with... R Time Time to start forming clo 5 – 10 mín FFP sensor pin oagulati Factors Time until clot reaches a fixed Cryoprecipitate Alpha angle 53 – 72 degrees Fibrinoge d of fil temperature 50 - 70 mm Maximum Amplitude (MA) est vertical amplitude of Platelets Platelets and/or DDAVP Highest the TEG controlled clot formation Lysis at 30 Minutes (LY30) 0 - 8% Percentage of amplitude reduction 30 minutes after Excess Fibrinolysis Tranexemic Acid cuvette hold and/or aximum amplitude

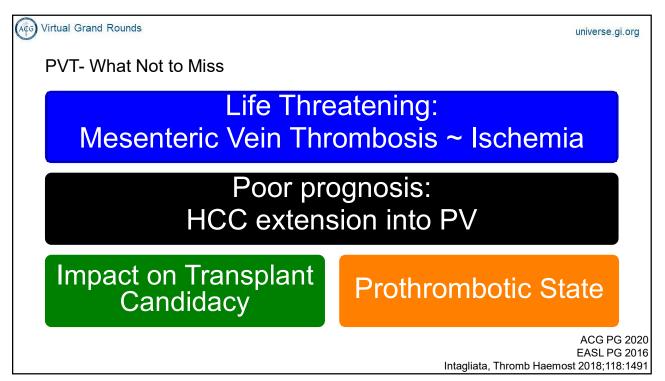


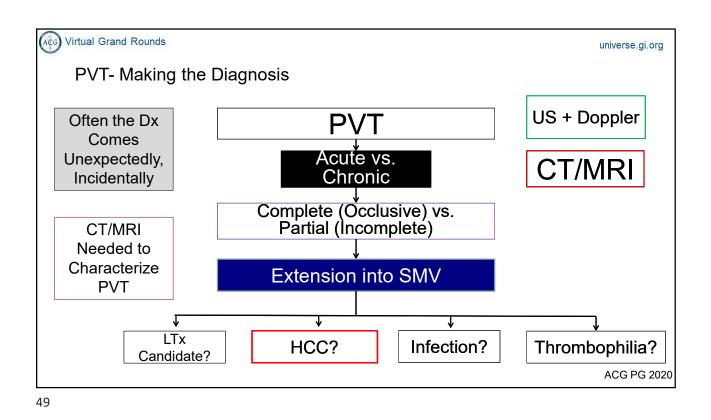


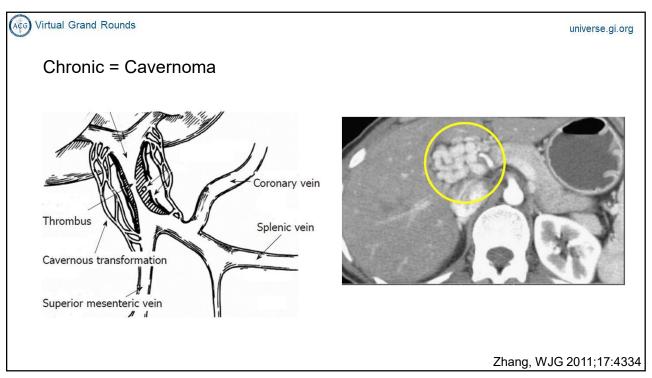


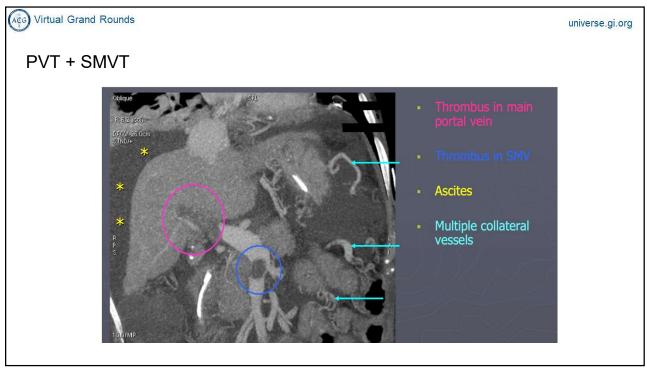


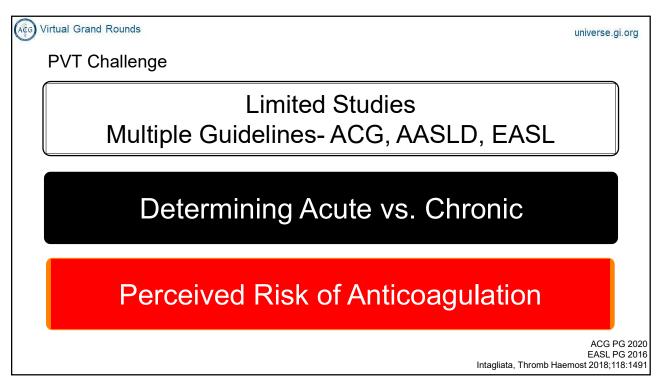


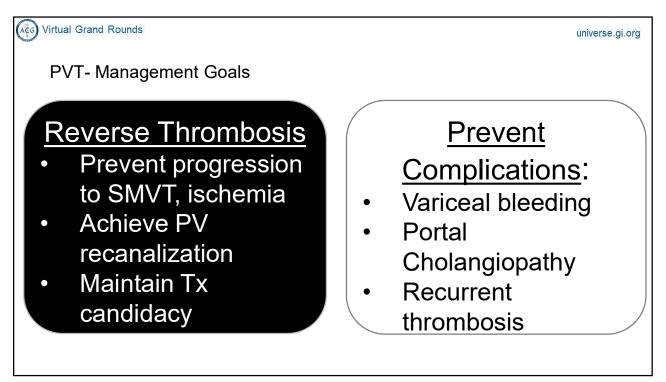




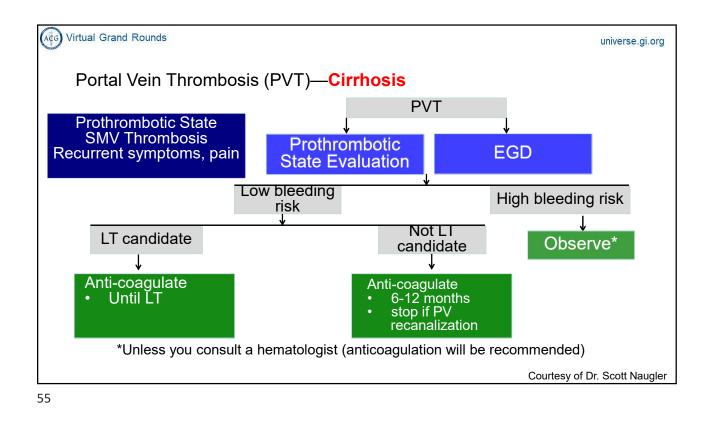


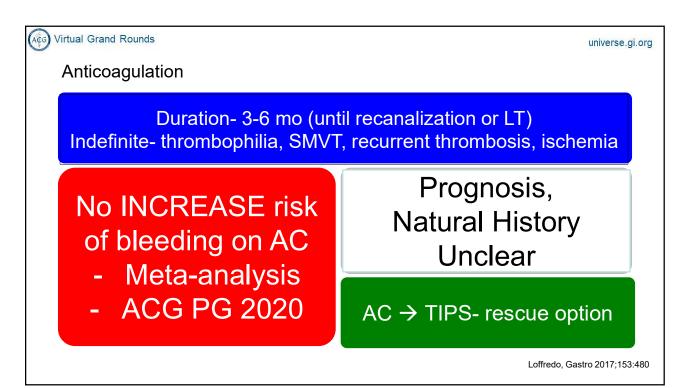


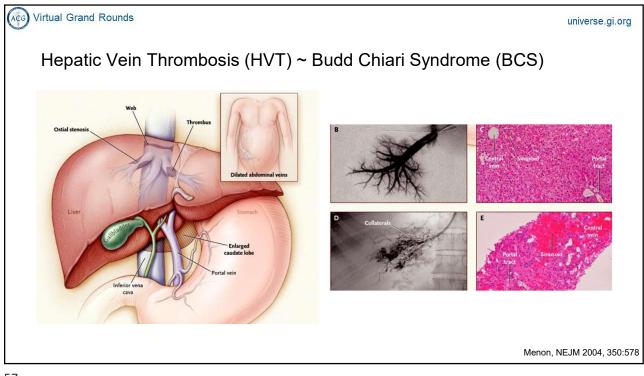


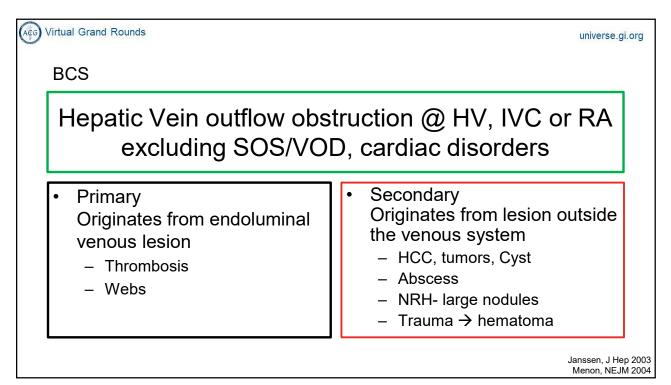


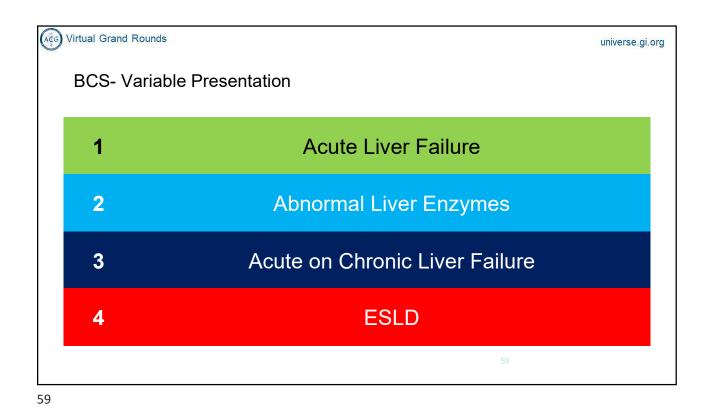
Yes	Νο
 Noncirrhotic Acute Symptomatic Occlusive, Main SMVT Thrombophilia LTx Candidate 	 High risk of bleeding~ Large varices that have not been Rx Nonadherence Underlying poor prognosis Poor functional status, comorbidities

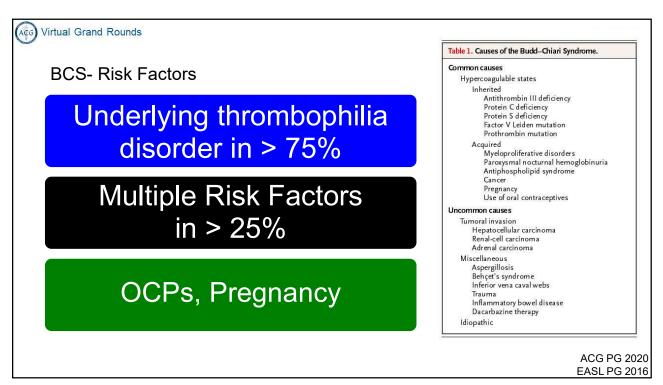


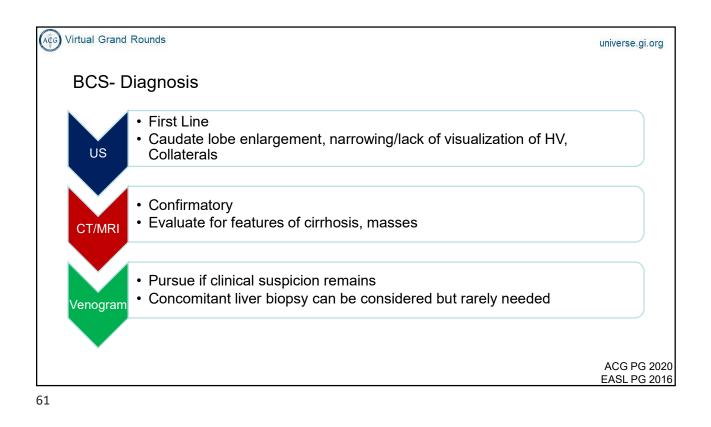


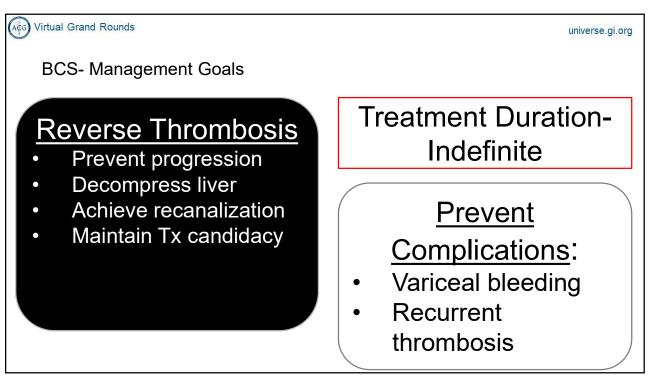


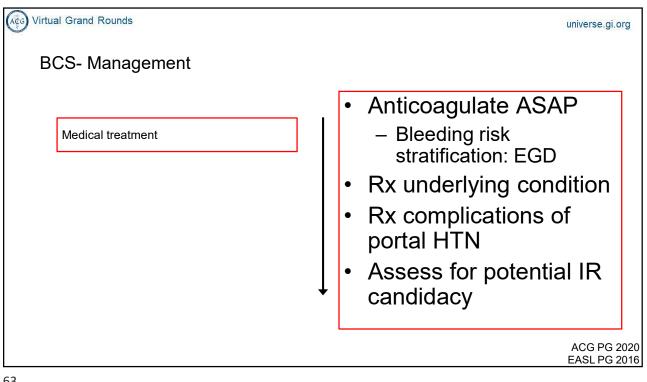


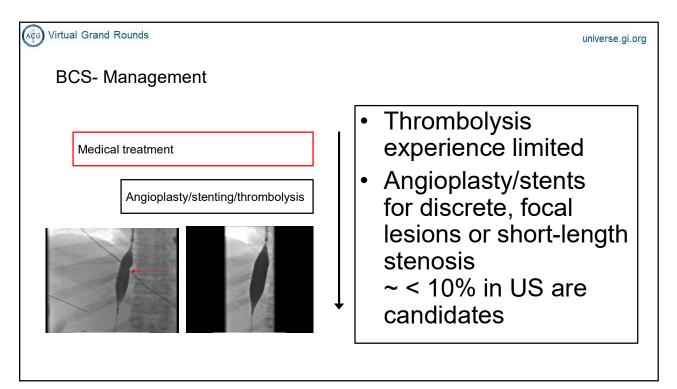


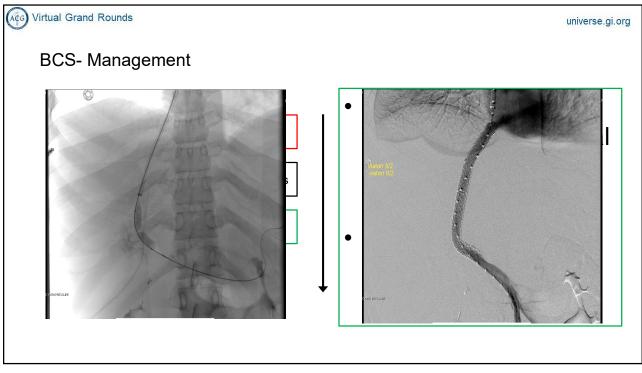


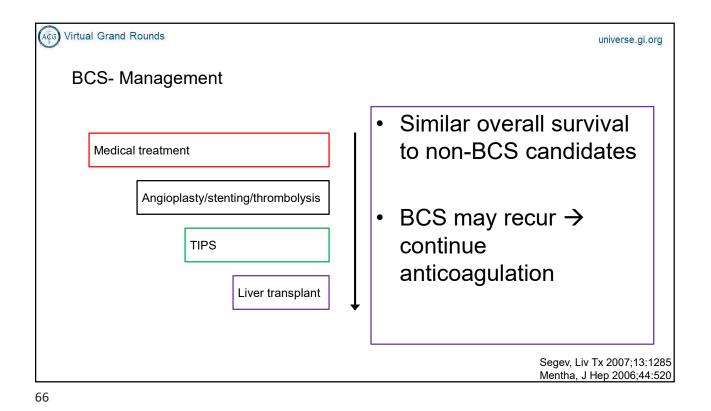


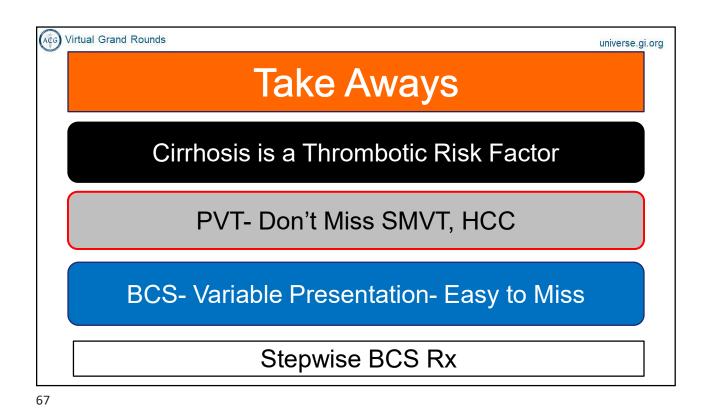












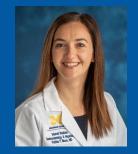


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Acute Kidney Injury in Cirrhosis: Everything is not Hepatorenal Syndrome



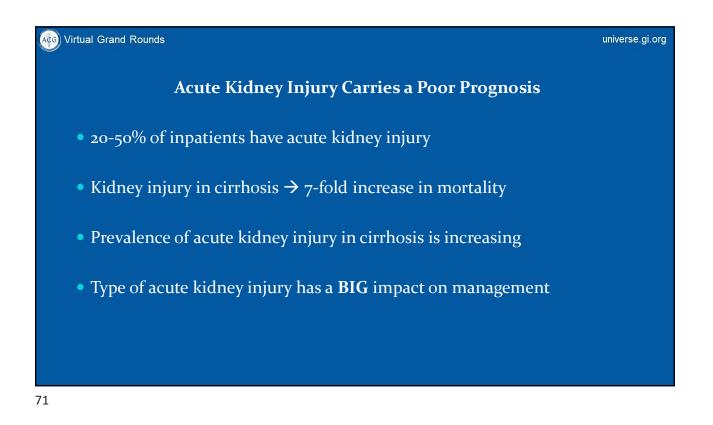
Patricia Bloom MD Assistant Professor University of Michigan

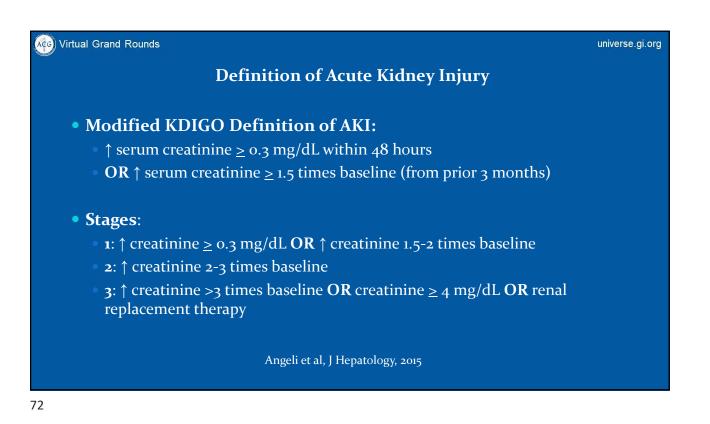
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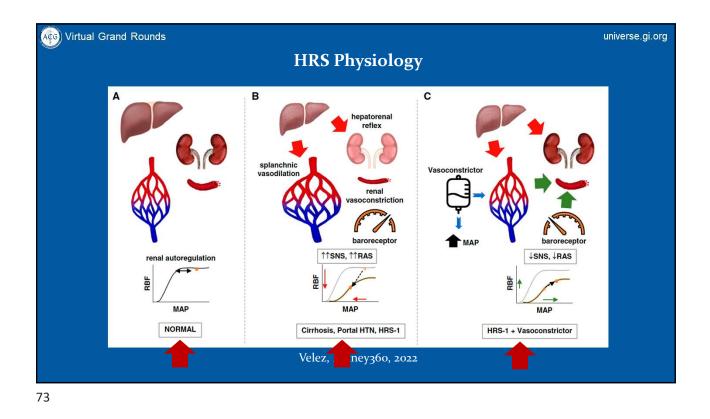
• **Objective**: Identify and differentiate types of acute kidney injury in patients with cirrhosis

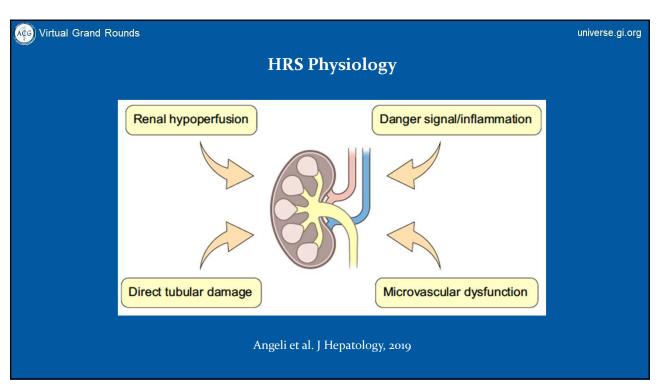
Agenda

- Why does type of acute kidney injury matter?
- What is hepatorenal syndrome?
- Can hepatorenal syndrome overlap with other etiologies?
- How to differentiate types of acute kidney injury in cirrhosis?
- How to manage acute kidney injury in cirrhosis?

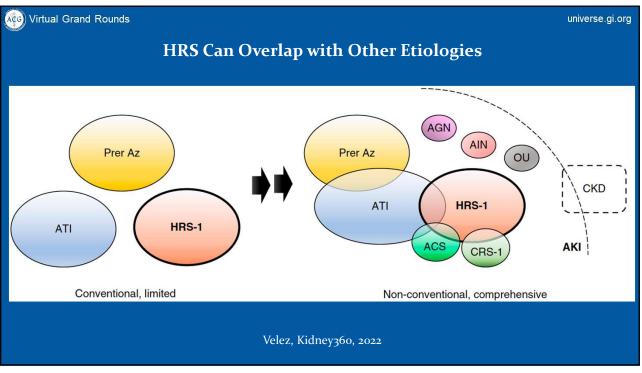


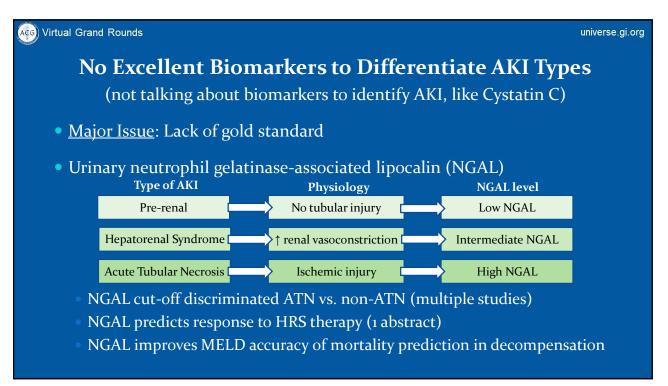


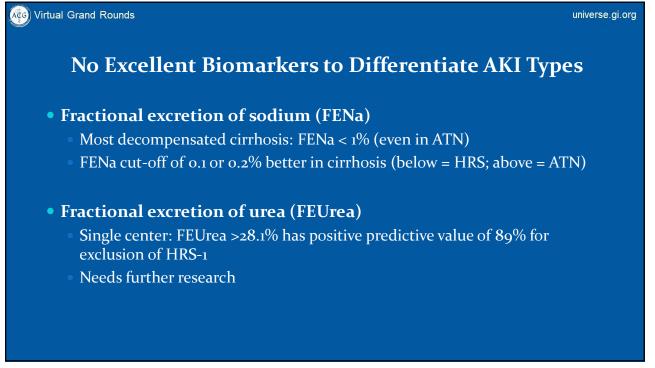


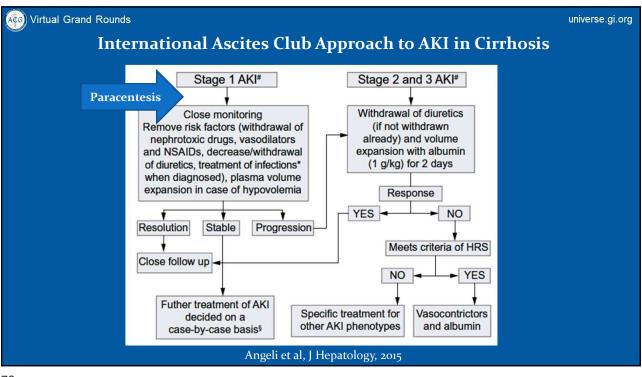


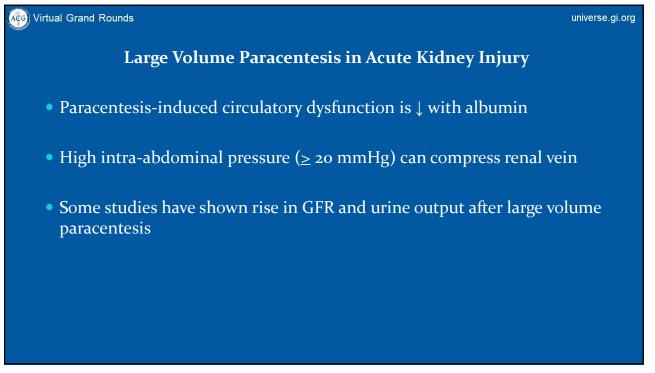
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Definition of Hepatorenal Syndrome			
Diagnostic criteria • Cirrhosis; acute liver failure; acute-on-chronic liver failure	Issues		
 Increase in serum creatinine ≥0.3 mg/dl within 48 h or ≥50% from baseline value according to ICA consensus document and/or Urinary output ≤0.5 ml/kg B.W. ≥6 h* 			
 No full or partial response, according to the ICA consensus document²⁰, after at least 2 days of diuretic withdrawal and volume expansion with albumin. The recommended dose of albumin is 1 g/kg of body weight per day to a maximum of 100 g/day 	Risk of pulmonary edema Delays HRS treatment RBC > 50 not highly Most have low MAP		
 Absence of shock No current or recent treatment with nephrotoxic drugs Absence of parenchymal disease as indicated by proteinuria >500 mg/day, microhaematuria 	Most have fow MAP Without bropsy, Hard to tell if antibiotic is cause Chronic proteinuria doesn't		
(>50 red blood cells per high power field), urinary injury biomarkers (if available) and/or abnormal renal ultrasonography**. Suggestion of renal vasoconstriction with FENa of <0.2% (with levels <0.1% being highly	necessarily exclude HRS		
predictive)	Renal imaging challenging with ascites		
Angeli et al, J Hepatology, 2019	No urine microscopy!		

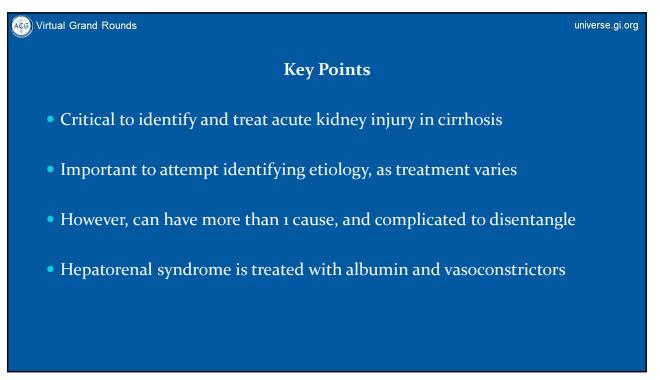


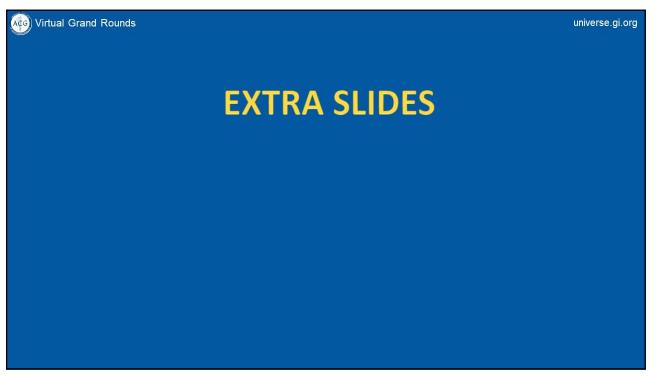


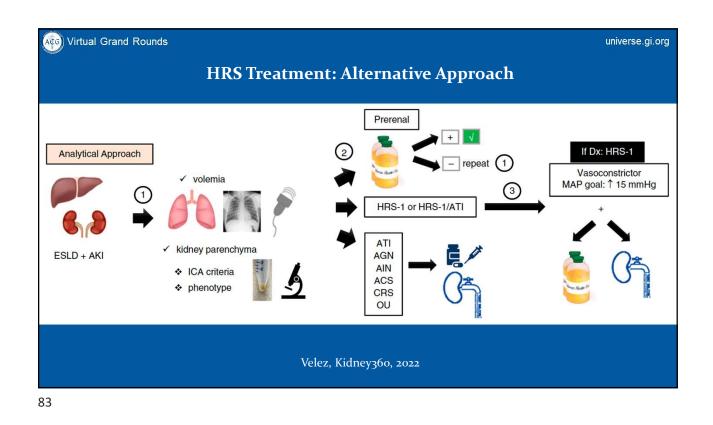












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	Patricia L. Bloom, MD	
	Uchenna A. Agbim, MD	
	Arnab Mitra, MD	
	*All of the relevant financial relationships listed for the	ese individuals have been mitigated

