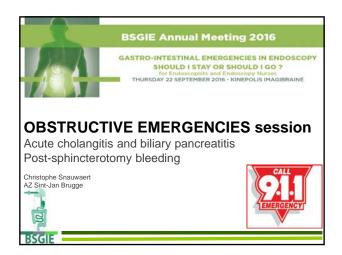
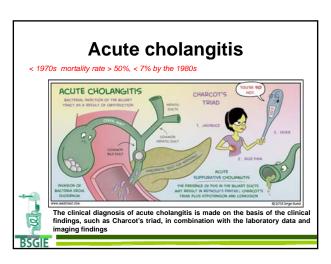
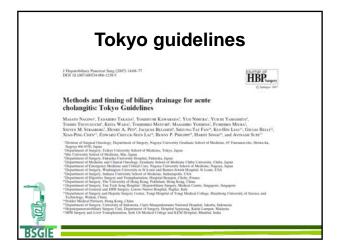
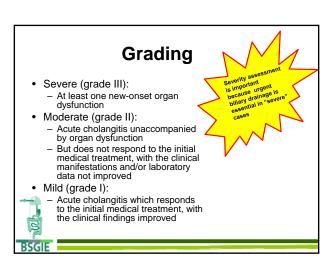
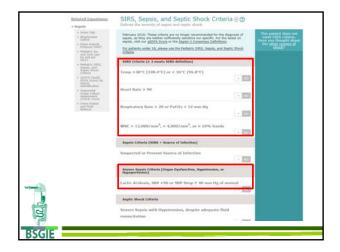
#### GASTROINTESTINAL EMERGENCIES IN ENDOSCOPY -SHOULD I STAY OR SHOULD I GO ? September 2016

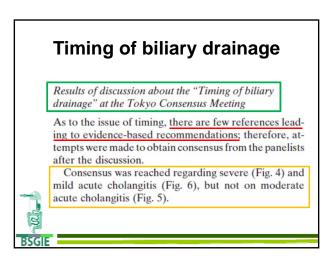




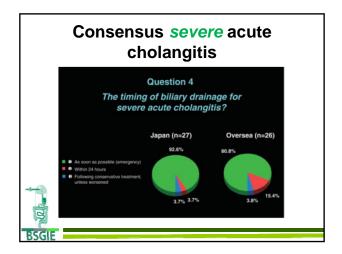


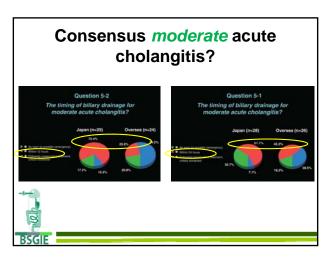


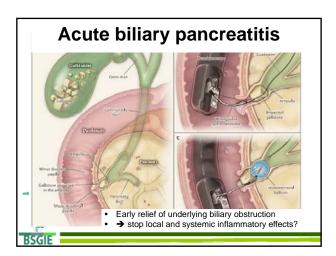


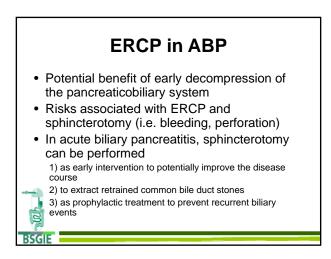


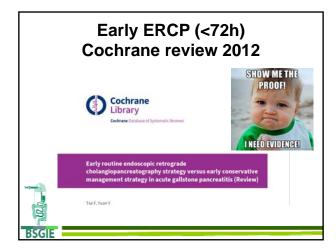
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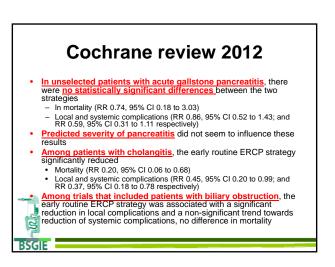










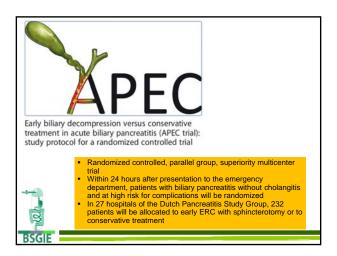


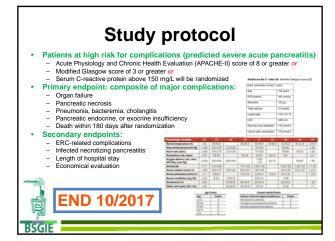
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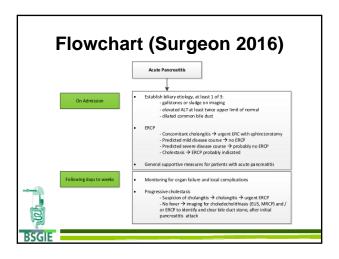
# What about (predicted) severe acute biliary pancreatitis?

- In the absence of cholangitis, with or without signs of bile-duct stones and obstruction, the indication for ERCP is not scientifically established, because studies have serious shortcomings:
  - Heterogeneous populations
  - Patients with cholestasis are often not evaluated separately
  - ERCP is often performed relatively late after hospital admission
  - Sphincterotomy is performed in only about 50% of cases
  - Considerable variation in end-point definitions
  - The pooled sample sizes of meta-analyses involving patients with predicted severe biliary pancreatitis without cholangitis are too small to detect effects of ERCP with sphincterotomy on the end points of severe complications and death



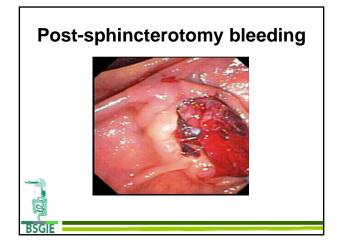






# ACG Guidelines **Am J Gastroenterol 2013**

- Concomitant acute cholangitis: ERCP < 24h of admission
- ERCP not needed when no clinical evidence of ongoing biliary obstruction
- In the absence of cholangitis and/or jaundice: MRCP or EUS to screen for choledocholithiasis if highly suspected



# Post-sphincterotomy bleeding

- Post-sphincterotomy bleeding occurs in about 10% to 30%
- Most bleeding episodes are self-limited
- Severe bleeding in about 1% to 2% of patients and often results from a severed aberrant retroduodenal artery
- Immediate vs. delayed
- Endoscopically vs. clinically significant (GI bleeding and fall in
- Endoscopic hemostasis techniques:
  - Injection
  - Thermal
- Mechanical



### Prevention of bleeding

- INR < 1,5
- PLT > 50000 U/L
- Adequate interruption of anticoagulation / antiplatelet therapy
- Aspirin can be continued when necessary



### **Endoscopic treatment: injection**

- Injection of dilute epinephrine (hypertonic saline)
- Oral to the bleeding site (arterial anatomy of the papillary area)
- Advancement of the needle to the tip of the catheter to prevent bending the sheath on the elevator (or Carr-Locke needle)
- Monotherapy can be sufficient, durable hemostasis in more than 90%





# **Endoscopic treatment**

- Thermal coaptive coagulation using bipolar probes
  - Avoid application to the pancreatic orifice
- · Endoclip placement





# **Endoscopic treatment**

- · Placement of SEMS
- Removal after 2 8 weeks
- In cases with brisk bleeding that obscures endoscopic visualization
- In case of difficult-tocontrol post-ES bleeding





THANK YOU FOR YOUR ATTENTION PLEASE CLAP AND DON'T ASK TOUGH QUESTIONS