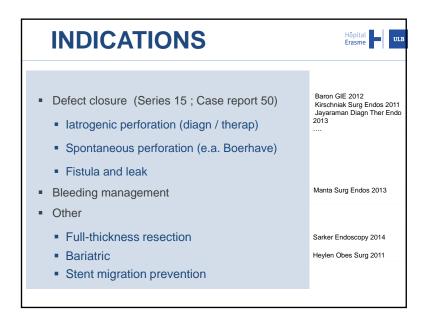
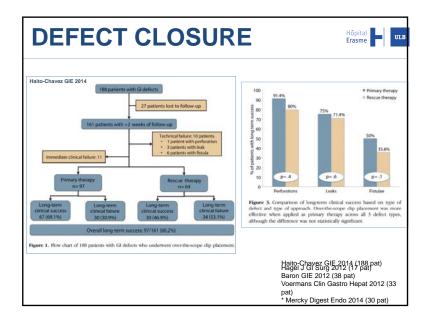
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OTSC: IATROGENIC PERFORATION Hopital Frasme



Diagnosis and management of iatrogenic endoscopic perforations: European Society of Gastrointestinal Endoscopy (ESGE) Position Statement



- ✓ Immediate / early recognition (or absence of free fluid or contrast on CT)
- ✓ Carbon dioxide
- ✓ Endoscopic closure to be considered depending on endoscopist expertise available
- ✓ OTSC is a valid option for gastric perforation larger than 10 mm and large perforation of colon

Paspatis ESGE Endoscopy 2014

OTSC PLACEMENT



- Large working channel endoscope
 - UGI : therapeutic (ø 3,7 mm)
 - Colon : standard colonoscope (ø 3,7 mm)
- Push the cap up to the stoppers
 - Particularly with 6mm cap
 - Eventually use tape
- Align the thread with the working channel
- Be care with the introduction of the instrument





OTSC DEPLOYMENT



- Targeting the wounded tissue
 - o cap = vacuum device (with a guide-wire or grasper to centre the leak)

Daily Challenges in Digestive Endoscopy for Endoscopists and Endoscopy Nurses

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■ Targeting the wounded tissue

• cap = vacuum device (with a guide-wire or grasper to centre the leak)

• Apply a slight traction to bring the tissue and the instrument into the cap Then use aspiration

■ Releasing the clip

• Block the instrument to the hand piece of the endoscope

• Maintain suction

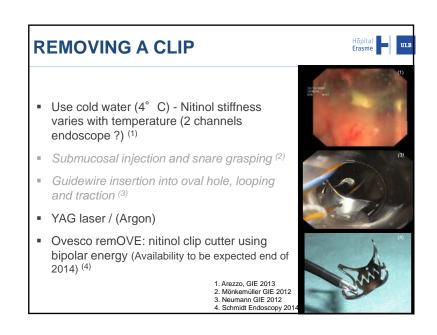
• Quick and firm 1/4 to 1/2 hand wheel rotation to release the clip

BAD SCENARIO? Clip released on the instrument jaws ■ What can you do? ■ Pull gently the instrument out of the clip under direct vision with cap against the clip ■ Cut the shaft outside the scope, push the shaft in stomach/bowel and ■ wait until the clip and instrument are released ... ■ ... Surgery ■ try to pull the clip out the tissue with another instrument

TIPS AND TRICKS HOW TO ... place an "over-the-scope-clip" (OTSC)?

Pierre Eisendrath, ULB Erasme Brussels





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CONCLUSION





- OTSC is recognise as a valid option for closure of acute perforation or defect of digestive wall
- OTSC may be used for other indication but no randomise study
- Placement: high technical success but follow basic rules to avoid complication and bad clip placement

TIPS AND TRICKS HOW TO ... place an "over-the-scope-clip" (OTSC)?

Pierre Eisendrath, ULB Erasme Brussels

