

Corso Nazionale SIED 2019

Le complicanze della CPRE

EMORRAGIA



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Disclosure statement

Dr P. Cantù is a consultant for Cook Medical Ltd
and received travel and speaker grants
not relevant to the issues of this presentation

...MA VENIAMO AI FATTI

Maria, F – 78 y.o.

PROBLEMI ATTIVI

Cirrosi ETOH Child-Pugh A6

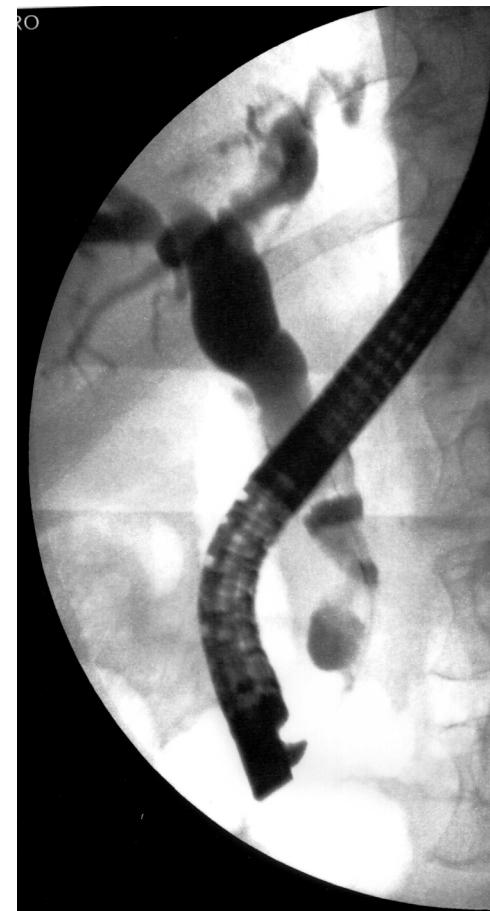
Vasculopatia poli-distrettuale -> ASA

1983 – Colecistectomia per litiasi

Cholangitis & Jaundice

Lab: GB 25000, INR 1.6, PLT 48000

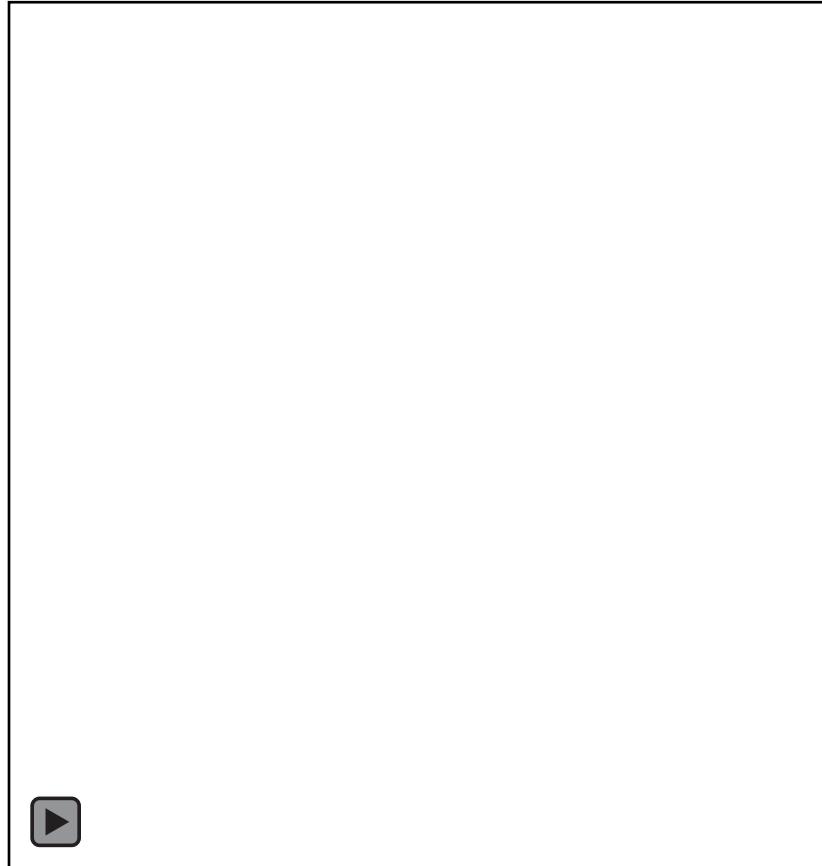
...MA VENIAMO AI CALCOLI



How to manage impacted stones ?

(one session) D.A.S.E.

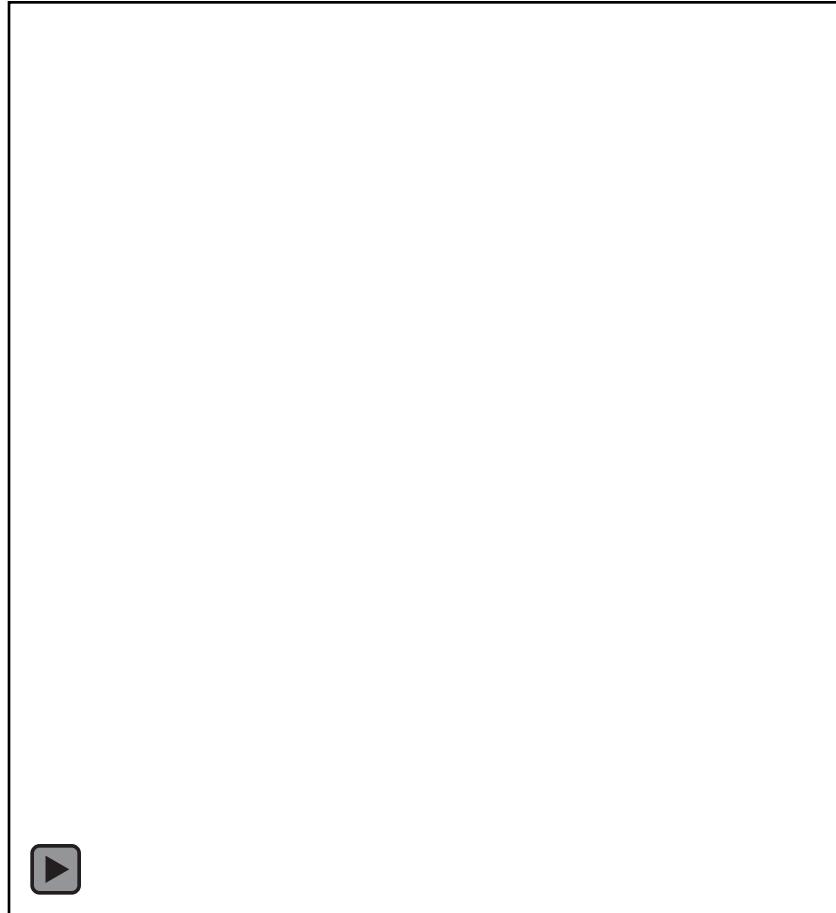
Dilation Assisted Stone Extraction



↓ up to 66 % mechanical lithotripsy = ↓ Time & Costs !!!

(one session) D.A.S.E.

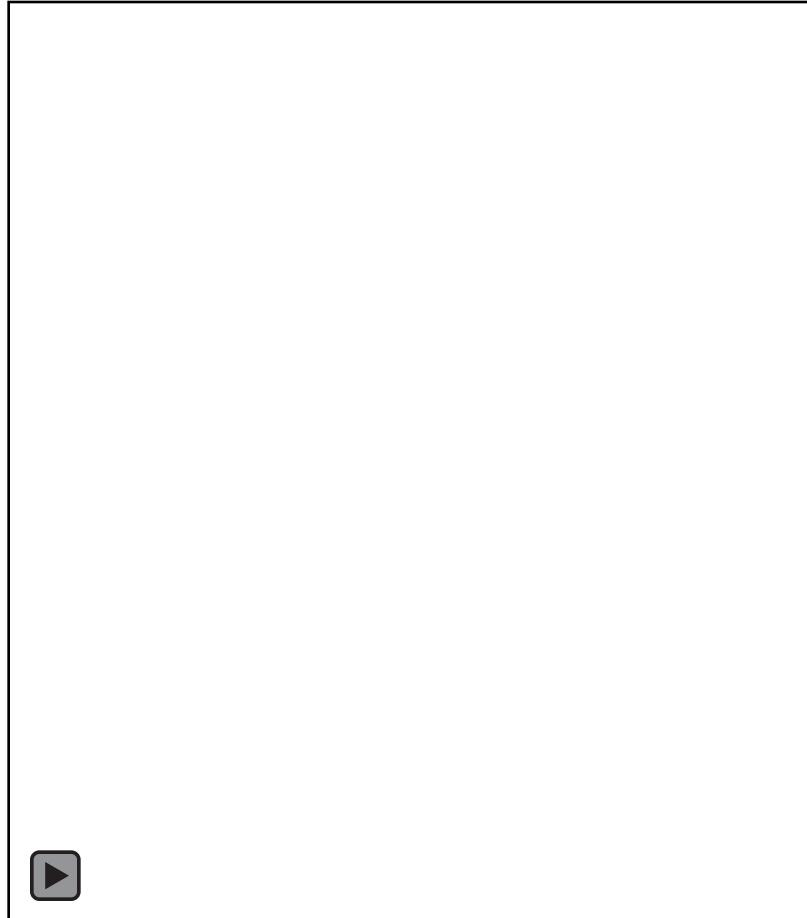
Dilation Assisted Stone Extraction



Intra-procedural bleeding expected

(one session) D.A.S.E.

Dilation Assisted Stone Extraction



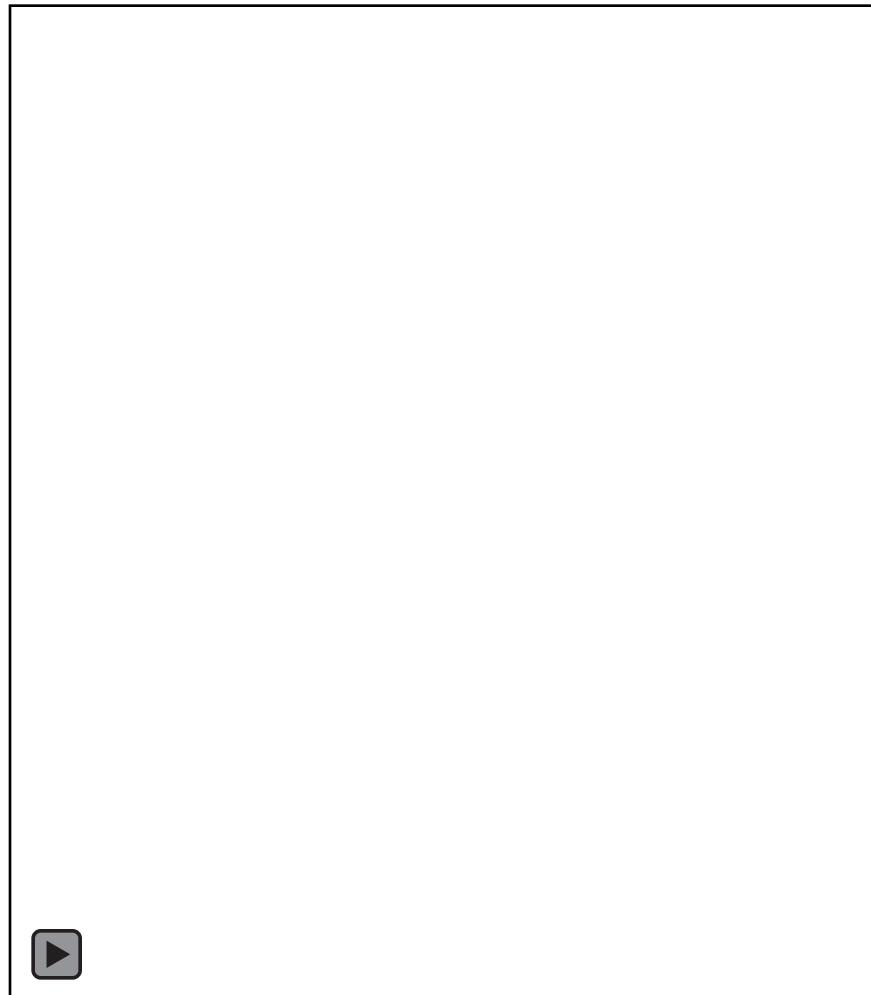
Balloon lithotripsy

...and during the night

HEMORRAGIC SHOCK



CPRE - Hemostasis



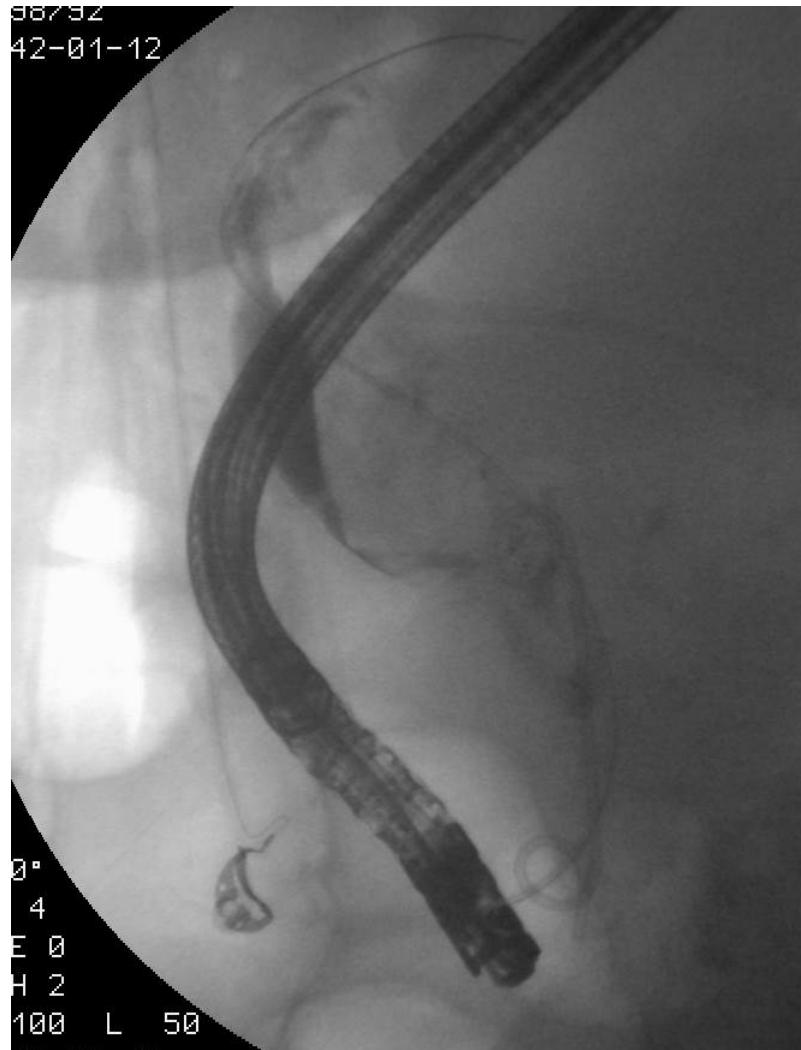
Wash & See

CPRE - Hemostasis



«blind» access avoided

CPRE - Hemostasis



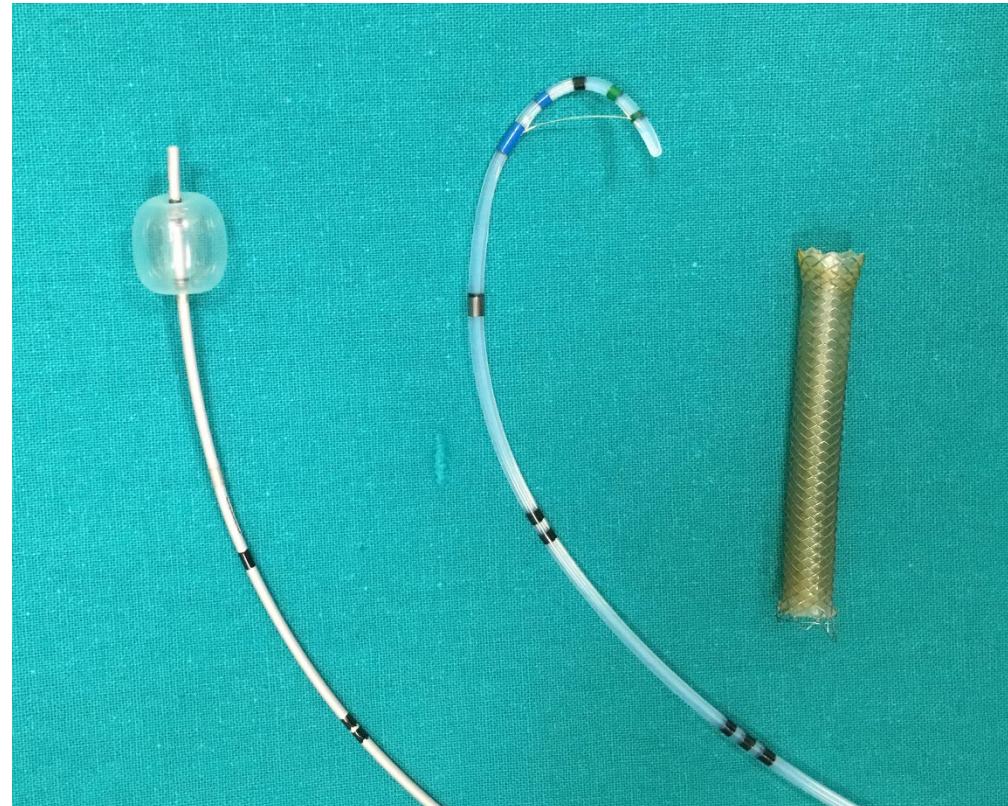
Bleeding + Cholangitis welcome

CPRE - Hemostasis

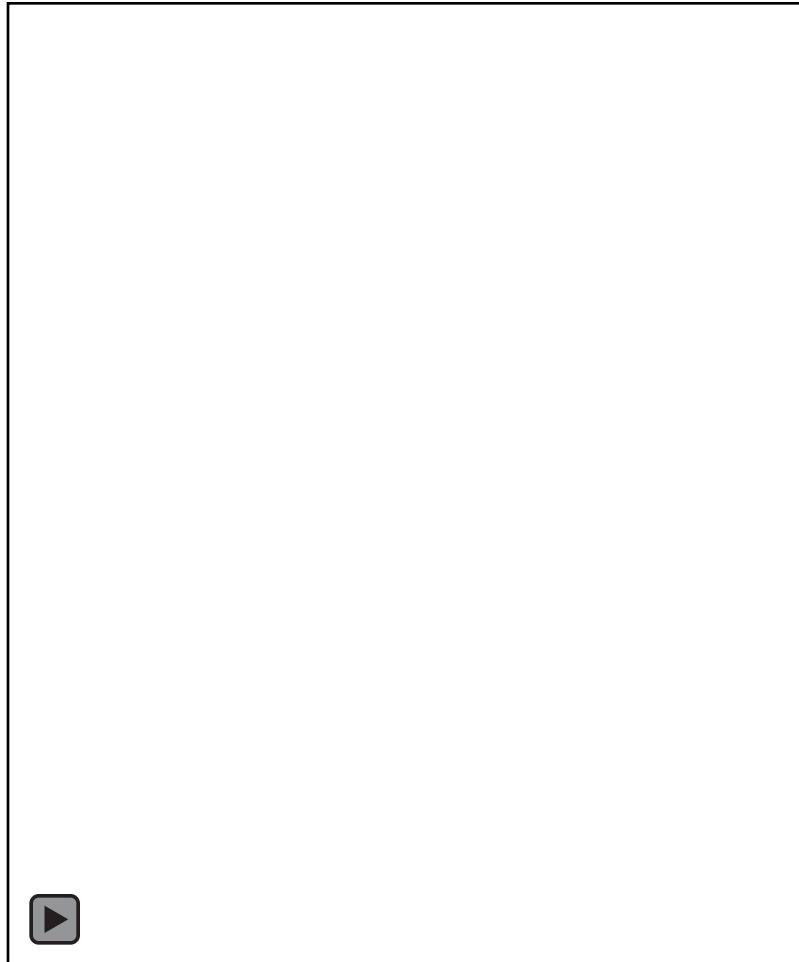
Non-dedicated devices



Dedicated devices

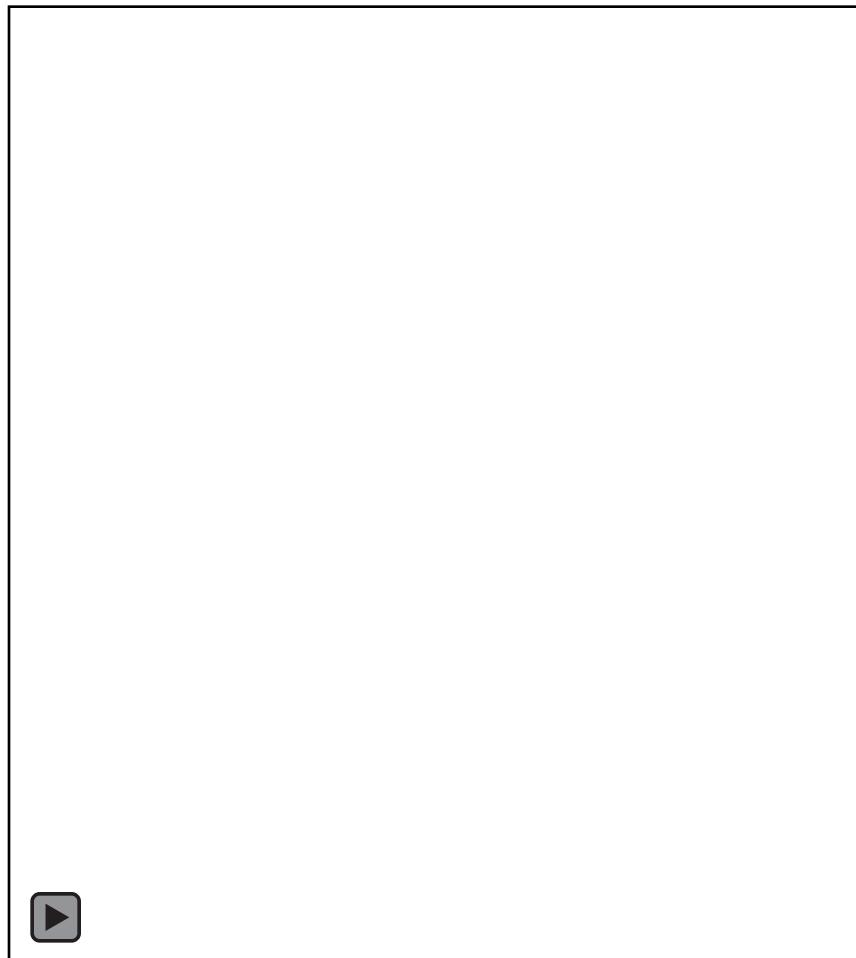


CPRE - Hemostasis



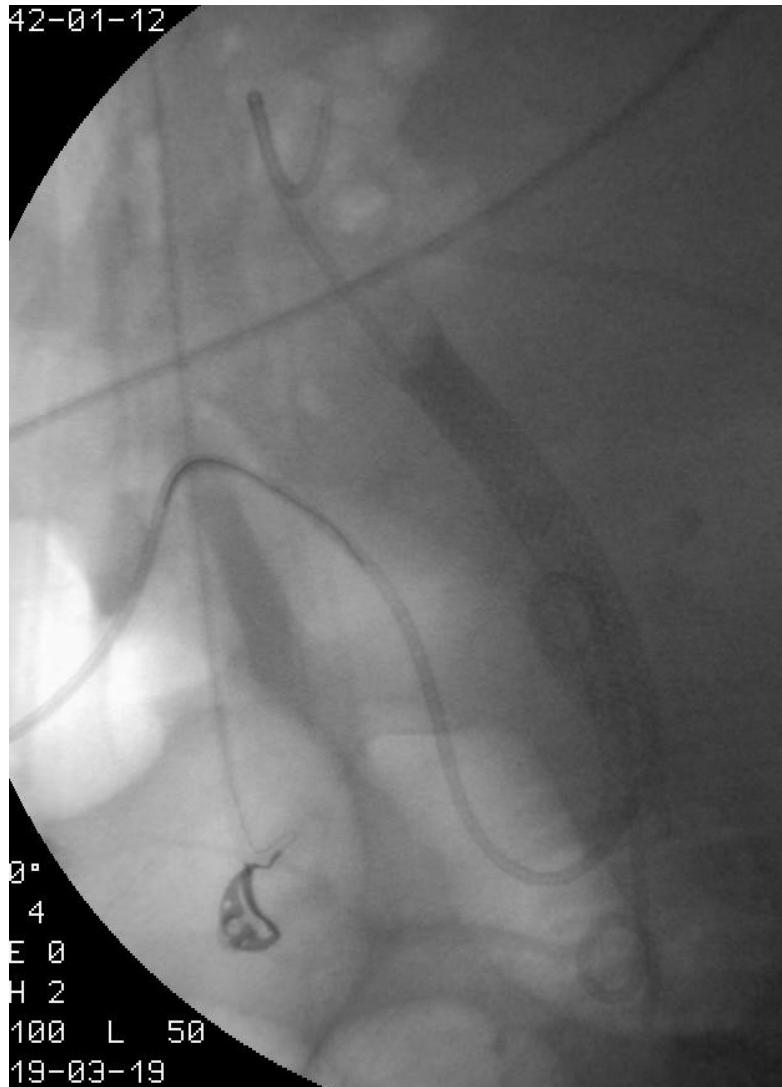
«Tailored» haemostasis

CPRE - Hemostasis



Clot cholangitis up-coming ?

CPRE - Hemostasis



Multiple drainage + lavage

CPRE - Work-up of Hemostasis

No International Guidelines available yet !!!

42 DASE procedures, 33 pts (20 M)

Balloon lithotripsy 13/33 (40 %)

Clinical success 31/33 (94 %)

Complications 4/42 (9.5%)

Bleeding 1/42 (2.4%)

D.A.S.E. Meta-analysis



ES + EBLBD vs ES – 5 RCTs

Complications 7.9 %

pancreatitis 4.0 %

bleeding 1.7 %

perforation 0.3 %

Jin P, World J Gastroenterol 2014

Grande G, GIED 2019 in press

CPRE - Hemostasis

Le 6 regole...secondo me, se vi pare!

- ✓ X-ray room available
- ✓ Anesthesiologist in the room...(or soon available)
- ✓ Duodenoscope training done !
- ✓ All devices available (and their use well known)
- ✓ Waiting for larger evidence-based data, fully covered SEMS in your pocket
- ✓ 10 mm large FC-SEMS -> over-sizing welcome

Thanks

