

Laparoscopic CBDE Course

Canadian Surgery Forum 2026 – Halifax

Learning objectives:

- Preparation is key- relevant anatomy for successful management of CBD stones
 - review biliary anatomy and anatomical variants in brief
 - review fluoro and perhaps even EUS anatomy
- Technical tips and tricks for a successful intra-operative cholangiogram
 - including room set-up, equipment, interpretation of images
- Operative approach to management of CBD stones- who, when and why
 - review evidence for/against CBDE for patients with CBD stones compared to ERCP
- How to approach CBD exploration: trans-cystic vs. trans- choledochal
 - review relevant approach to both techniques, how to select one over the other
- Approach to biliary access in post-bariatric patients
 - including discussion of relevant aberrant anatomy
- Endoscopic management of CBD stones
 - discussion on EUS, ERCP, techniques for dealing with stones
- The difficult bile duct- approaches to patients aberrant anatomy
 - including discussion on percutaneous approaches, EUS approaches and double balloon endoscopy
- Challenging patients- options for non-surgical patients with CBD stones
 - discussion around medically co-morbid/frail patients
- On trend- new advances in management of CBD stones
 - spyglass, lithotripsy, etc

Lecture Topics:

1. Review relevant anatomy for successful management of CBD stones
2. Discuss technical tips and tricks for a successful intra-operative cholangiogram
3. Describe operative approaches to management of CBD stones
4. Discuss how to approach CBD exploration: trans-cystic vs. trans- choledochal
5. Review approach to biliary access in post-bariatric patients
6. Describe endoscopic management of CBD stones
7. Discuss approaches for the difficult bile duct and options for non-surgical patients
8. Review new advances in the management of CBD stones

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