

# Northwestern Simulation

## Laparoscopic Common Bile Duct Exploration Mastery Learning Course

Contact [simulation@northwestern.edu](mailto:simulation@northwestern.edu) to schedule

Laparoscopic common bile duct exploration (LCBDE) remains an underutilized modality in the treatment of patients with common bile duct stones despite research demonstrating equivalent success rates in alleviating ductal obstruction with the benefit of a shorter hospital stay and improved cost effectiveness when compared to the use of endoscopic retrograde cholangiopancreatography (ERCP). An LCBDE simulator was developed and validated by leaders in the field of mastery-based simulation skills at the Northwestern University Feinberg School of Medicine and Northwestern Simulation. The goal of this one-day course is to improve outcomes for patients with choledocolithiasis by teaching practicing surgeons the necessary background knowledge and procedural skills needed to perform a successful laparoscopic common bile duct exploration.

### Course Directors

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Northwestern University  
Feinberg School of Medicine