

Advanced Biliary Surgery and Bile Duct Exploration/Choledochoscopy Hands-on Course Kirklands Hospital, Lanarkshire 18th & 19th June 2026

Course director: Ahmad H M Nassar, Glasgow
S Mahmud, Viv Gough, T Katbeh, S Zino and K Khan, Glasgow

Day 1

8.30 - 09.00 Registration and Introduction

09.00 - 10.30 THEORETICAL SESSION 1: Cholangiography/ Transcystic exploration

Single session management of bile duct stones: Rationale and training	A Nassar
Service design: protocol, instruments, logistics	A Nassar
Cholangiography: methods and interpretation	T Katbeh
The difficult IOC: trouble shooting	A Nassar
Transcystic exploration; indications/ case selection	V Gough

10.30 – 10.45 Coffee break

10.45 – 12.30 HANDS-ON SESSION 1: Cholangiography/Choledochoscopy

Cholangiography, cannulation, catheters, clamps vs free cannula, basket in catheter
Handling and care of the choledochoscope

12.30 – 13.30 Lunch

13.30 – 15.00 THEORETICAL SESSION 2: BILIARY SURGERY

laparoscopic Cholecystectomy after 35 years; a critical REVIEW of safety	A Nassar
Minimising complications: optimal access, adhesiolysis, advanced dissection and closure	T Katbeh
Obesity, abdominal scars, previous biliary surgery.	S Mahmud/ A Nassar
Endoscopic vs laparoscopic CBD stone treatment post bariatric surgery.	K Khan
The Difficult Cholecystectomy	A Nassar
Tokyo guideline & managing acute cholecystitis	K Khan
Reflections on the CVS: how reliable are the safety markers?	A Nassar

15.00 - 15.15 Coffee break

15.15 - 17.00 HANDS-ON SESSION 2: Transcystic exploration

Transcystic exploration: blind trawling, Basket-in Catheter, types of baskets, 3mm choledochoscopy.
Intrahepatic choledochoscopy; "Wiper-Blade Manoeuvre".

DAY 2

09.00-10.30 THEORETICAL SESSION 3: BILE DUCT EXPLORATION.

Choledochotomy exploration: indications and technique.	A Nassar
The difficult stones: multiple, large, impacted	A Nassar
Biliary drainage: primary closure vs transcystic or T-Tubes;	
Inserting and securing drains	S Zino
Postoperative care: biliary and other drains, cholangiography, follow-up	S Zino
Internal drainage: Indications and techniques	T Katbeh
MCQ/ Interactive discussion	A Nassar

10.30-10.45 Coffee break

10.45-1230 HANDS-ON SESSION 3

Choledochotomy exploration: site, size, optimal use of instruments, and different techniques of stone extraction.

12.30-13.30 Lunch

13.30- 1500 HANDS-ON SESSION 4

Choledochotomy, stone extraction, biliary drainage and suturing.

15.00-15.15 Coffee break

15.15 -16.45

THEORETICAL SESSION 4: The case for specialisation in gall stone surgery?

Complex cases: Mirizzi Syndrome, cholecystoenteric fistula.	A Nassar
Salvage strategies: intravesical approach, fundus-first dissection, subtotal cholecystectomy, cholecystostomy, conversion	A Nassar
How can we optimise the outcomes of emergency biliary admissions	T Katbeh
New technologies: ICG, laparoscopic ultrasound, single port & robotic cholecystectomy	
S Mahmud/ T Katbeh	
Conservative management of CBD stones: when do we need MRCP and ERCP?	S Zino

16.45 Closing comments