

# Advanced Biliary Surgery and Choledochoscopy Hands-on Course

University Hospital Monklands

Kirklands Hospital, Lanarkshire

15<sup>th</sup> and 16<sup>th</sup> September 2022

**Course director: Ahmad Nassar, University Hospital Monklands**

**Faculty:**

**Mr Sajid Mahmoud, University Hospital Hairmyres**

**Miss Viv Gough, Royal Alexandra Hospital, Paisley, Glasgow**

**Mr Tarek Katbeh, University Hospital Monklands**

**Mr Samer Zino, Ninewells Hospital and Medical School**

## 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: philosophy, evidence and training S Mahmud

Service design: protocol, instruments, logistics A Nassar

Cholangiography: methods, interpretation and procedure selection T Katbeh

The difficult IOC: trouble shooting A Nassar

Transcystic exploration; indications and case selection V Gough

**10.30 –10.45 Coffee break**

**10.45–12.30 HANDS-ON SESSION 1 Cholangiography / Choledochoscopy, Liz Cannings**

**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.**

A truly minimally invasive cholecystectomy. Minimising complications: optimal access, adhesiolysis, advanced dissection and closure TK

Biliary surgery in: the obese, abdominal scars, previous biliary surgery. SM

The Difficult Choelcystectomy AN

Tokyo guideline 2018: surgical management of acute cholecystitis SM

The Critical View of Safety and reflections on safety markers AN

**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 VG

The difficult exploration: multiple, large and impacted stones AN

Biliary drainage: primary closure vs transcystic or T-Tube drainage. Inserting and securing drains SZ

Postoperative care: biliary and other drains, cholangiography, follow-up SZ

Case presentations and interactive discussion AN/TK

**10.30-10.45 Coffee break**

### **10.45-1230 HANDS-ON SESSION 3 Liz Cannings**

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

**12.30-13.30 Lunch**

### **13.30- 1500 THEORETICAL SESSION 4: BILIARY SURGERY.**

Complex cases: Mirizzi Syndrome, cholecystoenteric fistula. AN

Salvage strategies: intravesical approach, fundus-first dissection, subtotal cholecystectomy, cholecystostomy, conversion AN

Optimal management of biliary emergencies, setup, referral protocols and scheduling TK

New technologies: Fluorescence guidance, laparoscopic ultrasound, 3D cholecystectomy SM

Conservative management of CBD stones: when do we need MRCP and ERCP? VG

**15.00-15.15 Coffee break**

**15.15 -16.45 HANDS-ON SESSION 4**

**Choledochotomy, stone extraction, biliary drainage and suturing.**

16.45 Closing comments/certification