

# **Advanced Biliary Surgery and Bile Duct Exploration/Choledochoscopy Hands-on Course**

## **Kirklands Hospital, Lanarkshire**

### **22<sup>nd</sup> and 23<sup>rd</sup> April 2024**

### **12<sup>th</sup> and 13<sup>th</sup> September 2024**

**Course director: Ahmad H M Nassar, Golden Jubilee National  
Hospital, Glasgow**

#### **Faculty:**

**Mr Sajid Mahmud, University Hospital Hairmyres, Lanarkshire**  
**Miss Viv Gough, Royal Alexandra Hospital, Paisley, Glasgow**  
**Miss Liz Cannings, Forth Valley Royal Hospital, Stirlingshire.**  
**Mr Tarek Katbeh, Queen Elizabeth Hospital, Glasgow**  
**Mr Samer Zino, Ninewells Hospital and Medical School**  
**Mr Khurram Khan, University Hospital Hairmyres, Lanarkshire**

#### **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 and interpretation  
Katbeh

T

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; a critical REVIEW of safety.

A Nassar

Minimising complications: optimal access, adhesiolysis, advanced dissection and closure

T Katbeh

The obese, abdominal scars, previous biliary surgery.

S Mahmud

The Difficult Cholecystectomy

A Nassar

### **THEORETICAL SESSION 2: BILIARY SURGERY (cont.)**

Tokyo guideline 2018: managing acute cholecystitis

K Khan

Reflections on the CVS and 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

Case presentations/interactive discussion

A Nassar/K Khan

### **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 THEORETICAL SESSION 4: BILIARY SURGERY.**

Complex cases: Mirizzi Syndrome, cholecystoenteric fistula.

A

Nassar

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

A Nassar

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

T Katbeh

New technologies: ICG, laparoscopic ultrasound, 3D ,robotic cholecystectomy

L Cannings

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

V Gough

#### **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**