

# PROGRAM

## ADVANCED BILIARY SURGERY AND HANDS-ON CHOLEDOCHOSCOPY COURSE

April 26-28, 2020



ASIA IRCAD - TAIWAN



### Chairman

**MH. Huang**

Show Chwan Memorial Hospital

Changhua, Taiwan

### Director

**Wayne Huang**

Director, IRCAD-Taiwan

Changhua, Taiwan

### COURSE DIRECTOR

**Ahmad NASSAR**

University Hospital Monklands,  
Lanarkshire, UK

### COURSE DIRECTOR

**Shu-Hung CHUANG**

Mackay Memorial Hospital,  
Hsinchu, Taiwan

### COURSE OBJECTIVES

- ▶Advanced procedure-based course highlighting the technical and logistical aspects of one session laparoscopic exploration of the bile duct and advanced biliary surgery for complex cases.
- ▶The course is designed for consultant surgeons and senior trainees who have mastered the skills of routine and emergency laparoscopic cholecystectomy and may already have experience with intra-operative cholangiography. The candidates are made familiar with the technical aspects through short interactive talks. There is a major component of hands-on practice on well-designed animal tissue models and live animals.

### METHODS OF TEACHING

Short talks, wet lab, hands-on practice and interactive discussions.  
The course has a major hands-on component with opportunities for repeat practice of cholangiography, trans-cystic duct cannulation and exploration, choledochotomy exploration and various methods of biliary drainage. There will be emphasis on the handling and optimal use of 3mm & 5mm choledochoscopes. Well designed animal tissue models allow for task repetition and skills development and consolidation. This course is also combined with a workshop of live animal surgery demonstration of the setup and techniques of cholangiography and bile duct exploration.

### INVITED FACULTY

<b>Akiko UMEZAWA</b>		– Japan	<b>Jian-Wei HUANG</b>	黃建偉	– Taiwan
<b>Tun-Sung HUANG</b>	黃敦頌	– Taiwan	<b>Ming-Hsun YANG</b>	楊明勳	– Taiwan
<b>Lin-An CHEN</b>	陳臨安	– Taiwan	<b>Tun-Pang CHU</b>	朱敦邦	– Taiwan
<b>Chung-Wei LIN</b>	林忠葦	– Taiwan	<b>Dev-Aur CHOU</b>	周德敖	– Taiwan
<b>Chun-Min SU</b>	蘇峻民	– Taiwan			

V.02/20/2020

Sunday, April 26<sup>th</sup> - 2020

Faculty transfer to IRCAD Taiwan  
 Participants transfer to IRCAD Taiwan

08.30<sup>am</sup> Welcome to participants

### THEORETICAL SESSION

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08.30-08.40	Single session management of bile duct stones: philosophy, evidence and training	A. NASSAR
08.40-08.50	Service design: protocol, instruments, logistics	A. NASSAR
08.50-09.00	Cholangiography: methods, interpretation and procedure selection	A. UMEZAWA
09.00-09.10	The difficult IOC: trouble shooting	A. NASSAR
09.10-09.20	Transcystic exploration; indications and case selection	SH. CHUANG
09.20-09.30	Choledochotomy exploration: indications and technique	A. UMEZAWA
09.30-09.40	The difficult exploration: multiple, large and impacted stones	A. NASSAR
09.40-10.00	Coffee-break	

### PRACTICAL SESSION 1

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10.00-11.00	<ul style="list-style-type: none"> <li>- <b>Cholangiography, cannulation, catheters, clamps vs free cannula, basket in catheter</b></li> <li>- <b>Handling and care of the choledochoscope</b></li> </ul>	ALL FACULTIES
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### PRACTICAL SESSION 2

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11.00-12.30	<ul style="list-style-type: none"> <li>- <b>Transcystic exploration: blind trawling, Basket-in Catheter, types of baskets, 3mm choledochoscopy.</b></li> <li>- <b>Intrahepatic choledochoscopy; "Wiper-Blade Manoeuvre".</b></li> <li>- <b>Choledochotomy exploration: site, size, optimal use of instruments, and different techniques of stone extraction.</b></li> </ul>	ALL FACULTIES
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12.30-13.15 Lunch

Sunday, April 26<sup>th</sup> - 2020

## Afternoon

### THEORETICAL SESSION

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- 13.15-13.35 Biliary drainage: primary closure vs transcystic or T-Tube drainage. Inserting and securing drains SH. CHUANG
- 13.35-13.45 Postoperative care: biliary and other drains, cholangiography, follow-up A. NASSAR

### PRACTICAL SESSION 3

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- 13.45-16.15 - **Choledochotomy, stone extraction, biliary drainage and suturing.** ALL FACULTIES
- 16.15-16.30 Coffee-break
- 16.30-17.00 Case presentations and interactive discussion ALL FACULTIES
- 17.00 End of the session
- 17:05 **FACULTY & PARTICIPANTS SHUTTLE BUS** : IRCAD Taiwan - Restaurant
- 17:30 **CONGRESS BANQUET**
- 20:30 Restaurant - Hotel

Monday, April 27<sup>th</sup> - 2020

### THEORETICAL SESSION

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09.00-09.10	Towards a truly minimally invasive cholecystectomy. Minimising complications: optimal access, adhesiolysis, advanced dissection and closure	A. UMEZAWA
09.10-09.20	Biliary surgery in: the obese, abdominal scars, previous biliary surgery	SH. CHUANG
09.20-09.30	Optimal management of biliary emergencies, setup, referral protocols and scheduling	A. NASSAR
09.30-09.40	Conservative management: when do we need MRCP and ERCP?	A. NASSAR

### PRACTICAL SESSION 1 - Hands-on Practice; live animal surgery

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09.40-12.30	<b>Cholangiography, transcystic exploration and biliary drainage.</b>	ALL FACULTIES
12.30-13.15	Lunch	

### Afternoon

13:15-15:45	<b>Hands-on practice</b>
15.45-16.00	Coffee-break

### THEORETICAL SESSION

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16.00.-16.10	The Difficult Choelcystectomy: how difficult is difficult	A. NASSAR
16.10-16.20	The Critical View of Safety, how safe?	A. NASSAR
16.20-16.30	Complex cases: Mirizzi Syndrome, cholecystoenteric fistula.	SH. CHUANG
16.30-16.40	Salvage strategies: intravesical approach, fundus-first dissection, subtotal cholecystectomy, conversion	A. NASSAR
16.40-17.00	Case presentations and interactive discussion	ALL FACULTIES
17.00-17.30	Participants' own short case scenarios and discussion	ALL FACULTIES
17.30	End of the session	

Tuesday, April 28<sup>th</sup> - 2020

Faculty transfer to IRCAD Taiwan  
Participants transfer to IRCAD Taiwan

08.30 Welcome to participants W. HUANG - J. MARESCAUX

08.35 **Chairmen** : H. KANEKO - G. WAKABAYASHI – O. SOUBRANE

## THEORETICAL SESSION

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### **BILIARY TRACT SURGERY**

08.35-08.55 Anatomy and abnormalities of hepatic hilum and biliary tract M. TANABE

08.55-09.20 Tokyo guideline 2018: surgical management of acute cholecystitis G. WAKABAYASHI

09.20-09.45 Fluorescence guidance laparoscopic cholecystectomy H.P. WONG

### **LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS**

09.45-10.55 Laparoscopic cholecystectomy + Laparoscopic common bile duct exploration A. NASSAR

10.55-11.10 Coffee-Break

11.10-11.35 Laparoscopic surgery for gallbladder cancer H.S. HAN

11.35-12.00 Laparoscopic surgery for intra-hepatic duct IHD stones K.H. CHEN

Discussion

12.00-13.00 Lunch

13.00 End of session

Delivery of certificate of attendance