

PROGRAM

NEW FRONTIERS IN HEPATOBIILIARY AND PANCREATIC SURGERY



DECEMBER 10-12, 2020
ASIA IRCAD - TAIWAN



PRESIDENT

Jacques MARESCAUX

President, IRCAD

University of Strasbourg, France

CHAIRMAN

Minho HUANG

Show Chwan Memorial Hospital

Changhua, Taiwan

DIRECTOR

Wayne HUANG

Director, IRCAD-Taiwan

Changhua, Taiwan

COURSE SUPERVISOR

Masakazu YAMAMOTO

Tokyo Women's Medical University

Tokyo, Japan

IRCAD DIRECTOR

Charles LIN

Show Chwan Memorial Hospital

Changhua, Taiwan

OBJECTIVES

- To cover a broad spectrum of surgical procedures in hepatobiliary and pancreatic surgery
- To provide introduction of laparoscopic biliary, liver and pancreatic resection
- To provide hand on session improve skills in laparoscopic biliary, liver and pancreatic surgery through the practice on pig models under expert tutorials

INVITED FACULTY

Kuo-Hsin CHEN 陳國鈺 (Taipei, Taiwan)

Ying-Jui CHAO 趙盈瑞 (Tainan, Taiwan)

Nicolas DEMARTINES (Lausanne, Switzerland) -
videoconference

Mariano GIMENEZ (Buenos Aires, Argentina) -
videoconference

Goro HONDA (Tokyo, Japan)

Ho-Seong HAN (Seoul, South Korea)

Hironori KANEKO (Tokyo, Japan)

Charles Chung-Wei LIN 林忠韋 (Changhua, Taiwan)

Jacques MARESCAUX (Strasbourg, France)

Ahmad NASSAR (Glasgow, United Kingdom)

Cheng Hong PENG 彭承宏 (Shanghai, China) –
videoconference

Patrick PESSAUX (Strasbourg, France) - videoconference

Yi-Ming SHYR 石宜銘 (Taipei, Taiwan)

Luc SOLER (Strasbourg, France) - videoconference

Olivier SOUBRANE (Paris, France)

Minoru TANABE (Tokyo, Japan)

Chung-Ngai TANG (Hong Kong, China)

Go WAKABAYASHI (Ageo, Japan)

Hon-Phin WONG 黃漢斌 (Changhua, Taiwan)

Faculty transfer to IRCAD Taiwan
 Participants transfer to IRCAD Taiwan

08.30 am Welcome to participants W. HUANG - J. MARESCAUX

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

THEORETICAL SESSION

Option A, B, C

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

EXPERIMENTAL LABORATORY - Practice on Live Tissue

Option B and C

13.00-13.25 Pre-Lab - Animal liver anatomy: description & instrumentation H. KANEKO

<p>13.25-18.00</p> <ul style="list-style-type: none"> - Laparoscopic ICG cholecystectomy - T-tube placement - Hepaticojejunostomy - Laparoscopic Partial hepatectomy 	<p>Robotic</p> <ul style="list-style-type: none"> - Partial liver resection - GI anastomosis - Hepaticojejunostomy
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18.00 End of session

Wednesday, December 11 - 2020

Faculty transfer to IRCAD Taiwan
 Participants transfer to IRCAD Taiwan

08.00 am

Chairmen : H.S. HAN - G. WAKABAYASHI – K.H. CHEN

LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS

Option A, B, C

HEPATIC SURGERY

08.00-08.25	Basic principles in laparoscopic hepatobiliary surgery	O. SOUBRANE
08.25-08.45	Surgical devices for laparoscopic liver resection	H. KANEKO

LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

08.45-11.25	Case to be determined	C.W. LIN (Live from Taiwan)
	Case to be determined	C.N. TANG (Live from Hong Kong)
	Case to be determined	C.H. PENG (Live from China)
11.25-11.40	Coffee-Break	
11.40-12.05	Glissonean pedicle approach in laparoscopic liver resection	G. WAKABAYASHI
12.05-12.30	ICG fluorescence laparoscopic liver resection	H. KANEKO
12.30-12.55	Laparoscopic liver resection: from segment I-VIII	H.S. HAN
	Discussion	
13.10-14.10	Lunch	

EXPERIMENTAL LABORATORY - Practice on Cadaver

Option C

14.10-14.25	Pre-lab	TBA														
14.25-18.00	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Laparoscopic</td> <td style="width: 50%;">Robotic</td> </tr> <tr> <td>- Lateral sectionectomy</td> <td>- Partial liver resection</td> </tr> <tr> <td>- Hepatic hilum dissection</td> <td>- G2 anastomosis</td> </tr> <tr> <td>- Left hemi-hepatectomy</td> <td>- Hepaticojejunostomy</td> </tr> <tr> <td>- Right posterior sectionectomy</td> <td></td> </tr> <tr> <td>- Right hemi-hepatectomy</td> <td></td> </tr> <tr> <td>- Segment VII or VIII anatomical mono-segmentectomy</td> <td></td> </tr> </table>	Laparoscopic	Robotic	- Lateral sectionectomy	- Partial liver resection	- Hepatic hilum dissection	- G2 anastomosis	- Left hemi-hepatectomy	- Hepaticojejunostomy	- Right posterior sectionectomy		- Right hemi-hepatectomy		- Segment VII or VIII anatomical mono-segmentectomy		
Laparoscopic	Robotic															
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- Left hemi-hepatectomy	- Hepaticojejunostomy															
- Right posterior sectionectomy																
- Right hemi-hepatectomy																
- Segment VII or VIII anatomical mono-segmentectomy																
18.00	End of session															
18.15	AITS → Dinner banquet															
21.00	Dinner banquet → Hotel															

Faculty transfer to IRCAD Taiwan
 Participants transfer to IRCAD Taiwan

08.00 am

Chairmen : M. TANABE – H. KANEKO – H.S. HAN

THEORETICAL DAY

08.00-08.20 Imaging, Robotics, and Artificial Intelligence: The 3 Weapons to Achieve a Smart Surgery J. MARESCAUX

PRERECORDED OPERATIVE DEMONSTRATIONS (15 Mins Each)

08.20-08.35 Laparoscopic right hemi-hepatectomy O. SOUBRANE

08.35-08.50 Laparoscopic central hepatectomy H.S. HAN

08.50-09.05 Laparoscopic right posterior sectionectomy K.H. CHEN

09.05-09.20 Laparoscopic anatomical resection of segment VII and VIII G. WAKABAYASHI

09.20-09.35 Robotic liver resection C.W. LIN

09.35-09.50 Coffee-Break

HEPATIC SURGERY

09.50-10.15 The transition of minimally invasive liver resection: from laparoscopic to robotic C.W. LIN

10.15-10.40 Laparoscopic liver resection: caudate lobe first approach G. HONDA

10.40-11.05 ERAS in HBP surgery N. DEMARTINES (videoconference)

11.05-11.30 Liver venous deprivation: an alternative to ALPPS N. DEMARTINES (videoconference)

11.30-11.55 3D liver reconstruction for liver resection L. SOLER (videoconference)

Discussion

12.10-13.10 Lunch

PANCREATIC SURGERY

Chairmen : Y.M. SHYR – M. TANABE – G. HONDA

13.10-13.35 The tips of pancreatectomy based on better understanding of surgical anatomy M. TANABE

13.35-14.00 How to avoid POPF during distal pancreatectomy G. HONDA

14.00-14.25 Tips and tricks in minimally invasive pancreatodeodenectomy Y.M. SHYR

14.25-14.50 Pancreatic NET M. TANABE

14.50-15.15 Laparoscopic pancreatic enucleation and distal pancreatectomy P. PESSAUX (videoconference)

15.15-15.40 Minimally invasive management of acute pancreatitis M. GIMENEZ (videoconference)

15.40-16.05 Use of technology in liver ablation: Does it change the outcomes? M. GIMENEZ (videoconference)

16.05-16.30 Is robotics approach the future in hepatobiliary pancreatic surgery? C.N. TANG

Discussion and symposium conclusion

16.45 End of the symposium

Delivery of the certificates of attendance

PROGRAM

ADVANCED BILIARY SURGERY AND HANDS-ON CHOLEDOCHOSCOPY COURSE

December 13-14, 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

Akiko UMEZAWA	(Japan)	Dev-Aur CHOU	周德敖 (Taiwan)
Chung-Wei LIN	林忠葦 (Taiwan)	Jian-Wei HUANG	黃建偉 (Taiwan)
Ming-Hsun YANG	楊明勳 (Taiwan)	Wen-Lung SU	蘇文隆 (Taiwan)

V.01/11/2019

Sunday, December 13th - 2020

Faculty transfer to IRCAD Taiwan

Participants transfer to IRCAD Taiwan

08.30^{am} Welcome to participants

THEORETICAL SESSION

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

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

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

Sunday, December 13th - 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 | DA. CHOU |

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, December 14th - 2020

THEORETICAL SESSION

09.00-09.10	Towards a truly minimally invasive cholecystectomy. Minimising complications: optimal access, adhesiolysis, advanced dissection and closure	SH. CHUANG
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

09.40-12.30	cholangiography, transcystic exploration.	ALL FACULTIES
12.30-13.15	Lunch	

Afternoon

13:15-15:45	Hands-on practice : cholecystectomy exploration biliary drainage.
15.45-16.00	Coffee-break

THEORETICAL SESSION

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 Delivery of certificate of attendance	