

## PROGRAM

# NEW FRONTIERS IN HEPATOBIILIARY AND PANCREATIC SURGERY



DECEMBER 10-12, 2021  
ASIA IRCAD – TAIWAN



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### COURSE DIRECTOR

**Charles Chung-Wei LIN 林忠葦**

Vice Dean, IRCAD Taiwan/AITS  
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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

## INTERNATIONAL FACULTY - VIDEOCONFERENCE

Nicolas DEMARTINES (Switzerland)  
Mariano GIMENEZ (Argentina)  
Goro HONDA (Japan)  
Ho-Seong HAN (South Korea)  
Hironori KANEKO (Japan)  
Jacques MARESCAUX (France)  
Minoru TANABE (Japan)

Chung-Ngai TANG (Hong Kong)  
Catherine TEH (Philippines)  
Go WAKABAYASHI (Japan)  
Masakazu YAMAMOTO (Japan)  
王曉穎 Xiaoying WANG (China)  
趙國棟 Guodong ZHAO (China)

## TAIWAN FACULTY

林錫銘 Shi-Ming LIN (林口長庚紀念醫院)  
黃凱文 Kai-Wen HUANG  
(國立臺灣大學醫學院附設醫院)  
陳明志 Ming-Chih CHERN (秀傳紀念醫院)  
林忠葦 Charles Chung-Wei LIN (秀傳紀念醫院)  
陳國錚 Kuo-Hsin CHEN (亞東紀念醫院)  
陳言丞 Yen-Cheng CHEN (花蓮慈濟醫院)  
周書正 Shu-Cheng CHOU (臺北榮民總醫院)  
黃建偉 Jian-Wei HUANG  
(高雄醫學大學附設中和紀念醫院)  
黃士維 Wayne Shih-Wei HUANG (秀傳紀念醫院)

雷浩然 Hao-Jan LEI (臺北榮民總醫院)  
羅少喬 Shao-Ciao LUO (臺中榮民總醫院)  
王家豪 Khaa-Hoo ONG (奇美醫院)  
彭正明 Cheng-Ming PENG (中山醫學大學附設醫院)  
宋睿祥 Ruey-Shyang SOONG (基隆長庚紀念醫院)  
蔡紫蓉 Tzu-Jung TSAI (和信治癌中心醫院)  
游明晉 Ming-Chin YU (新北市立土城醫院)  
王森稔 Shen-Nien WANG  
(高雄醫學大學附設中和紀念醫院)  
王心儀 Shin-E WANG (臺北榮民總醫院)

# Day 1 - Friday, December 10, 2021

08.40 am Registration

09.10 am Welcome to participants

黃士維 W. HUANG – 林忠葦 C.W. LIN

## OPTION ABLATION

### THEORETICAL SESSION

**Chairmen : TBA**

09.25-09.50	The limitation and difficulty in percutaneous approach ablation	林錫銘 S.H. LIN
09.50-10.15	Ablation therapy for liver metastases	黃凱文 K.W. HUANG
10.15-10.40	Laparoscopic-assisted ablation for liver malignancies	林忠葦 C.W. LIN
11.05-11.30	Tips & tricks for laparoscopic assisted ablation of hepatic malignancies	陳明志 M.C. CHERN
11.30-12.00	QA Discussion	

12.00-13.00

Lunch

### THEORETICAL SESSION

**Chairmen : TBA**

13.00-13.25	Percutaneous tumor ablation 2.0: towards a new era in hepatic ablation precision	M. GIMENEZ <i>(videoconference)</i>
13.25-13.50	Intraoperative ultrasound examination during hepatobiliary surgery	D. FUKS <i>(videoconference)</i>
13.50-14.15	Biliary tract injury: what to do?	O. SOUBRANE <i>(videoconference)</i>
14.15-14.40	Bile duct injury: percutaneous approach	M. GIMENEZ <i>(videoconference)</i>
14.40-15.10	QA Discussion	

### EXPERIMENTAL LABORATORY - PRACTICE ON MODEL & EX-VIVO TISSUE

15.10-15.30	Pre-Lab	林忠葦 C.W. LIN
15.30-18.00	<ul style="list-style-type: none"> <li>● Percutaneous approach on phantom model</li> <li>● Laparoscopic ultrasound practice</li> <li>● Ablation on OX liver model (RFA, MWA)</li> <li>● Laparoscopic-assisted ablation (phantom liver and ox liver)</li> </ul>	

## OPTION ROBOTIC

### EXPERIMENTAL LABORATORY - PRACTICE ON SIMULATOR (8 PARTICIPANTS)

09.00 – 12.00 & 15.00 – 18.00	<p>Introduction of DaVinci system</p> <ul style="list-style-type: none"> <li>● Operation of patient cart, docking, change of instruments</li> <li>● Practice on surgeon console, finger control, foot paddles, camera control, utilization of 3rd arm</li> <li>● Surgeon Console Simulator</li> </ul>	<p>Da Vinci Staff 北榮 Team 林忠葦 C.W. LIN</p>
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- Dry Labs (Suture & Ties)

18.00 End of session

18.30 Faculty Banquet

## Day 2 - Saturday, December 11, 2021

08.00 am Registration

08.30 am Welcome to participants 黃士維 W. HUANG – 林忠葦 C.W. LIN

### THEORETICAL SESSION

**Chairmen : TBA**

08.45-09.10 Surgical devices for laparoscopic liver resection

**H. KANEKO**  
(videoconference)

09.10-09.35 Glissonean pedicle approach in laparoscopic liver resection

**M. YAMAMOTO**  
(videoconference)

09.35-10.00 Laparoscopic liver resection: from segment I-VIII

**H.S. HAN**  
(videoconference)

10.00-10.30 QA Discussion

10.30-11.00 Coffee Break

**Chairmen : TBA**

11.00-11.25 Standardization of fluorescence-guided laparoscopic liver resection

**G. WAKABAYASHI**  
(videoconference)

11.25-11.50 Laparoscopic liver resection: caudate lobe first approach

**G. HONDA**  
(videoconference)

11.50-12.15 The transition of minimally invasive liver resection: from laparoscopic to robotic

林忠葦 C.W. LIN

12.15-12.45 QA Discussion

12.45-13.45 Lunch

### EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

13.45-14.15 Pre-Lab

林忠葦 C.W. LIN

#### OPTION HPB -

- 14.15-18.15
- Cholecystectomy
  - T-tube placement
  - Choledochojejunostomy
  - Partial liver resection
  - Liver segmentectomy

OPTION ROBOTIC -  
LAPAROSCOPIC (4 PARTICIPANTS) & ROBOTIC SIMULATOR (4 PARTICIPANTS)

Introduction of DaVinci system

- Trocar and docking
- Cholecystectomy
- Choledochojejunostomy
- Partial liver resection
- Extra-Glissonean hepatic hilar dissection
- Liver segmentectomy
- Distal pancreatectomy, splenectomy

Da Vinci Staff  
彭正明 C.M. PENG  
王心儀 S.E. WANG  
林忠葦 C.W. LIN

18.15 End of session

18.45 Congress Banquet

## Day 3 - Sunday, December 12, 2021

### THEORETICAL SESSION

08.30-08.55	Laparoscopic anatomical segmentectomy with ICG fluorescence staining: from S1-S8
08.55-09.20	Robotic hilar cholangiocarcinoma
09.20-09.45	Laparoscopic liver resection: challenges and opportunity
09.45-10.10	Robotic hepatectomy: the future of the minimally invasive approach
10.10-10.40	QA Discussion

**Chairmen : TBA**  
王曉穎 X.Y. WANG  
*(videoconference)*  
趙國棟 G.D. ZHAO  
*(videoconference)*  
陳國鎰 K.H. CHEN  
**C.N. TANG**  
*(videoconference)*

10.40-11.10 Coffee Break

11.10-11.35	How to avoid POPF during distal pancreatectomy
11.35-12.00	Robotic pancreatoduodenectomy
12.00-12.25	ERAS in HBP surgery
12.25-12.50	QA Discussion

**Chairmen : TBA**  
**G. HONDA**  
*(videoconference)*  
王心儀 S.E. WANG  
**N. DEMARTINES**  
*(videoconference)*

12.50-13.50 Lunch

### EXPERIMENTAL LABORATORY – PRACTICE ON LIVE TISSUE

13.50-14.10 Pre-Lab

林忠葦 C.W. LIN

14.10-18.10  
OPTION HPB -

- Extra-glissonean hepatic hilar dissection

- Liver segmentectomy
- Laparoscopic distal pancreatectomy, splenectomy
- Pancreatoduodenectomy

OPTION ROBOTIC –

LAPAROSCOPIC (4 PARTICIPANTS) & ROBOTIC SIMULATOR (4 PARTICIPANTS)

**Introduction of DaVinci system**

- Trocar and docking
- Cholecystectomy
- Choledochojejunostomy
- Partial liver resection
- Extra-Glissonean hepatic hilar dissection
- Liver segmentectomy

Distal pancreatectomy, splenectomy

**Da Vinci Staff**

彭正明 C.M. PENG

王心儀 S.E. WANG

林忠章 C.W. LIN

18.10 End of session

18.10 End of the symposium  
Delivery of the certificates of attendance