

## PROGRAM

# NEW FRONTIERS IN HEPATOBIILIARY AND PANCREATIC SURGERY



DECEMBER 10-12, 2021  
ASIA IRCAD – TAIWAN



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President, IRCAD/EITS  
University of Strasbourg, France

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Changhua, Taiwan

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### COURSE DIRECTOR

**Charles Chung-Wei LIN 林忠韋**

Vice Dean, IRCAD Taiwan/AITS  
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

## INTERNATIONAL FACULTY - VIDEOCONFERENCE

Nicolas DEMARTINES (Switzerland)  
David FUKS (France)  
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)  
林忠韋 Charles Chung-Wei LIN (秀傳紀念醫院)  
陳國錚 Kuo-Hsin CHEN (亞東紀念醫院)  
陳德宏 Der-Hung CHEN (中國醫藥大學附設醫院)  
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 Khoo-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

09.00 am Registration

09.30 am Welcome to participants

黃士維 W. HUANG – 林忠葦 C.W. LIN

## OPTION ABLATION

### THEORETICAL SESSION

Chairmen : TBA

09.50-10.15	The limitation and difficulty in percutaneous approach ablation	林錫銘 S.H. LIN
10.15-10.40	Ablation therapy for liver metastases	黃凱文 K.W. HUANG
10.40-11.05	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	<b>Percutaneous tumor ablation 2.0: towards a new era in hepatic ablation precision</b> Discussion	<b>M. GIMENEZ</b> (videoconference)
13.30-13.55	<b>Intraoperative ultrasound examination during hepatobiliary surgery</b> Discussion	<b>D. FUKS</b> (videoconference)
14.00-14.25	<b>Biliary tract injury: what to do?</b> Discussion	<b>O. SOUBRANE</b> (videoconference)
14.30-14.55	<b>Bile duct injury: percutaneous approach</b> Discussion	<b>M. GIMENEZ</b> (videoconference)

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

15.00-15.30	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)

09.30 – 12.00 & 15.00 – 18.00	<b>Introduction of DaVinci system</b> <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><li>● Dry Labs (Suture &amp; Ties)</li></ul>	Da Vinci Staff 北榮 Team 林忠葦 C.W. LIN
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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

08.45-09.10	<b>Surgical devices for laparoscopic liver resection</b>	<b>Chairmen : TBA</b> <b>H. KANEKO</b> <i>(videoconference)</i>
	Discussion	
	09.15-09.40 <b>Glissonean pedicle approach in laparoscopic liver resection</b>	
	Discussion	<b>M. YAMAMOTO</b> <i>(videoconference)</i>
09.45-10.10	<b>Laparoscopic liver resection: from segment I-VIII</b>	<b>H.S. HAN</b> <i>(videoconference)</i>
	Discussion	

10.15-10.45 Coffee Break

10.45-11.10	<b>Standardization of fluorescence-guided laparoscopic liver resection</b>	<b>Chairmen : TBA</b> <b>G. WAKABAYASHI</b> <i>(videoconference)</i>
	Discussion	
	11.15-11.40 <b>Laparoscopic liver resection: caudate lobe first approach</b>	
	Discussion	<b>G. HONDA</b> <i>(videoconference)</i>
11.45-12.10	<b>The transition of minimally invasive liver resection: from laparoscopic to robotic</b>	<b>林忠葦 C.W. LIN</b>
	Discussion	

12.10-13.10 Lunch

### EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

13.10-13.35	<b>Imaging, Robotics, and Artificial Intelligence: the 3 weapons of choice to achieve a smart surgery</b>	<b>J. MARESCAUX</b> <i>(videoconference)</i>
13.35-14.05	<b>Pre-Lab</b>	<b>林忠葦 C.W. LIN</b>

#### OPTION HPB -

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|-------------|--|
| 14.05-18.05 | <ul style="list-style-type: none"> <li>● Cholecystectomy</li> <li>● T-tube placement</li> <li>● Choledochojejunostomy</li> <li>● Partial liver resection</li> <li>● Liver segmentectomy</li> </ul> |
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#### 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

18.05 End of session

18.35 Congress Banquet

## Day 3 - Sunday, December 12, 2021

### THEORETICAL SESSION

**Chairmen : TBA**

08.30-08.55 **Laparoscopic anatomical segmentectomy with ICG fluorescence staining: from S1-S8**  
Discussion

王曉穎 X.Y. WANG  
(videoconference)

09.00-09.25 **Robotic hilar cholangiocarcinoma**  
Discussion

趙國棟 G.D. ZHAO  
(videoconference)

09.30-09.55 **Laparoscopic liver resection: challenges and opportunity**  
Discussion

陳國鋅 K.H. CHEN

09.55-10.20 **Robotic hepatectomy: the future of the minimally invasive approach**  
Discussion

C.N. TANG  
(videoconference)

10.25-10.55 Coffee Break

**Chairmen : TBA**

10.55-11.20 **How to avoid POPF during distal pancreatectomy**  
Discussion

G. HONDA  
(videoconference)

11.25-11.50 **Topic TBD**  
Discussion

C. TEH  
(videoconference)

11.55-12.20 **Robotic pancreatoduodenectomy**  
Discussion

王心儀 S.E. WANG

12.20-13.20 Lunch

### EXPERIMENTAL LABORATORY – PRACTICE ON LIVE TISSUE

13.20-13.45 **ERAS (Enhanced Recovery After Surgery) in HBP surgery**  
Discussion

N. DEMARTINES  
(videoconference)

13.50-14.10 Pre-Lab

林忠葦 C.W. LIN

#### OPTION HPB -

14.10-18.10

- 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**

**林忠葦 C.W. LIN**

**18.10**      **End of session**

**18.10**      **End of the symposium  
Delivery of the certificates of attendance**