

TAES X IRCAD X TSSG

## LAPAROSCOPIC GENERAL SURGERY COURSE FOR RESIDENTS

SEPTEMBER 27 - 29, 2024

ASIA IRCAD – TAIWAN



### PRESIDENT

**Jacques MARESCAUX**

MD, FRCS, FJSES  
President, IRCAD/EITS,  
University of Strasbourg, France

### CHAIRMAN

**黃明和 Min-Ho HUANG**

MD, MPH, PhD  
President, IRCAD Taiwan/AITS,  
Show Chwan Memorial Hospital,  
Changhua, Taiwan

### COURSE DIRECTORS

**黃士維 Wayne Shih-Wei HUANG**

MD, MPH, PhD  
Director, IRCAD Taiwan/AITS,  
Show Chwan Memorial Hospital,  
Changhua, Taiwan

**林忠葦 Charles Chung-Wei LIN**

MD, FACS  
Vice Dean, IRCAD Taiwan/AITS,  
Show Chwan Memorial Hospital,  
Changhua, Taiwan

### COURSE OBJECTIVES

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- To prepare resident doctors ready for safe practice of laparoscopic surgery
- To describe and understand the equipment, tools, energy, and pneumoperitoneum
- To present the fundamentals of laparoscopic techniques
- Practical training sessions to learn and improve the performance of basic techniques in laparoscopic surgery, such as intra-corporeal suturing and tying techniques of knots, coordinating both hands for dissection and safe energy use in laparoscopy
- To describe common laparoscopic techniques and operative procedures
- To describe the results and potential complications of laparoscopic procedures

### TARGET AUDIENCE

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- Surgeons in training who wish to solidify knowledge on basic principles and theories behind laparoscopic surgery, including instrumentations, ergonomics, and technical skills, on comprehensive but fundamental fields in general surgery such as hernia, bariatric, hepatobiliary, colorectal, and pediatric surgery.

## INVITED INTERNATIONAL FACULTY

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## INVITED ONSITE FACULTY

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### 北區

陳信安 H.A. CHEN - 衛生福利部雙和醫院

### 中區

柯道維 T.W. KE - 中國醫藥大學附設醫院

林建華 C.H. LIN - 彰濱秀傳紀念醫院

### 南區

王森稔 S.N. WANG -

高雄醫學大學附設中和紀念醫院

洪肇謙 C.C. HUNG - 高雄榮民總醫院

王家豪 K.H. ONG - 奇美醫院

## INVITED GASTROENTEROLOGY FACULTY

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林宛姿 W.T. LIN - 台中榮民總醫院

王俊偉 C.W. WANG - 彰濱秀傳紀念醫院

區土方 S.F. OU - 台南市立醫院

康瑞文 J.W. KANG -

國立成功大學醫學院附設醫院

## INVITED RADIOLOGY FACULTY

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陳家慶 C.C. CHEN - 彰濱秀傳紀念醫院

## Day 1 - Friday, May 24, 2024

**08.20 am** Shuttlebus from Hotel to IRCAD-Taiwan

**08.40 am** Registration

### 09.00 am MORNING SESSION – 1F Auditorium

Chairmen:

09.00-09.10	<b>OPENING SESSION IN AUDITORIUM</b> Welcome to Participants	黃士維 W. HUANG 林忠葦 C. LIN
09.10-09.30	Laparoscopic equipment: camera, optical system, insufflator, and instruments	Karl Storz Rep
09.35-10.15	Partnering with Medtronic: ✚ Suture & Ligation ✚ Energy & Stapling	林忠葦 C. LIN
10.20-10.45	Application of ICG in laparoscopic hepatobiliary surgery  Group Photo @ 1F Cafeteria	陳信安 H.A. CHEN

10.45-11.15 Coffee Break

11.15-11.40	Laparoscopy in acute abdomen	
11.45-12.10	Cholecystectomy: basic principles and techniques in common and complex situations	
12.15-12.40	Laparoscopic common bile duct exploration: indication, techniques and cautions	王森穩 S.N. WANG
12.40-13.40	Lunch Break	

### 13.40 pm AFTERNOON SESSION – 1F Auditorium

#### 13.40-14.00 PRE-LAB SESSION IN AUDITORIUM

- Presentation of the exercise in training box.

## Day 1 - Friday, May 24, 2024

### 14.10 pm EXPERIMENTAL LABORATORY – 2F Meichi & 3F Laboratory

#### 14.10 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (Training Box)

- Workshops are run in parallel. Participants will have access to all workshops.

<b>3F Laboratory</b> Rotation: 25 mins x 4 stations <b>【Group 1】 14:10-15:50</b> <b>【Group 2】 16:10-17:50</b>	<b>SPECIAL STAGES</b> 1. Laparoscopic Painting (15 mins) 2. Medtronic Energy Devices (10 mins)	<b>LASTT:</b> 1. Number Camera Navigation 2. Ring Hang-Eye Coordination 3. Pin Bi-Manual Coordination
	<b>Laparoscopic Instrument Manipulation</b> 1. Origami (10 mins) 2. Circle Cutting (15 mins)	<b>Needle Guidance</b>
<b>2F Mei Chi Conference Room</b> 100 mins <b>【Group 2】 14:10-15:50</b> <b>【Group 1】 16:10-17:50</b>	<b>Laparoscopic Suture – Pad</b>	

17.50 pm End of the day

18.00 pm Shuttlebus from IRCAD-Taiwan to Hotel

## Day 2 - Saturday, May 25, 2024

08.15 am Shuttlebus from Hotel to IRCAD-Taiwan

### 08.45 am MORNING SESSION – 1F Auditorium

Chairmen:

08.45-09.10 Panel Discussion:  
Step on to the international stage - Why? When? How?

09.15-09.40 Laparoscopic suturing-training for mastery

黃士維 W. HUANG

09.45-10.10 Laparoscopic intracorporeal GI anastomoses

Group Photo @ 1F Auditorium

10.10-10.40 Coffee Break

10.40-11.05 Endoscopy: basic principle and collaboration with surgery

區士方 S.F. OU

11.10-11.35 Complications in surgery: erase the mistake or learn from it

王家豪 K.H. ONG

11.40-12:05 Pearls and pitfalls in ultrasound guided central venous access

陳家慶 C.C. CHEN

12.05-13.00 Lunch Break

### 13.00 pm AFTERNOON SESSION – 1F Auditorium

13.00-13.20 PRE-LAB SESSION IN AUDITORIUM

黃士維 W. HUANG

- Demonstration of the exercises to be performed.

## Day 2 - Saturday, May 25, 2024

### 13.30 pm EXPERIMENTAL LABORATORY – 2F Mei Chi & 3F Laboratory

### 13.30 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (Training Box & Live Tissue)

- Workshops are run in parallel. Participants will have access to all workshops.

<b>3F Laboratory</b> Flexible Endoscopy (80 mins) Rotation: 40 mins x 2 stations	1. B.E.S.T. Box (40 mins) 2. Ex-vivo Model (40 mins)
<b>3F Laboratory</b> Ultrasound (80 mins) Rotation: 40 mins x 2 stations	1. Scan (40 mins) 2. Central Line (40 mins)
<b>2F Mei Chi Conference Room</b> Laparoscopic Suture - Ex-vivo Tissue (80 mins)	

17.40 pm End of the day

17.45 pm Shuttlebus from IRCAD-Taiwan to Congress Banquet & Hotel

18.00 pm Congress Banquet @ LeeLi's Restaurant

## Day 3 - Sunday, May 26, 2024

07.50 am Shuttlebus from Hotel to IRCAD-Taiwan

### 08.20 am MORNING SESSION – 1F Auditorium

Chairmen:

08.20-08.45 Laparoscopic hernia surgery: TEP / TAPP

08.50-09.20 Laparoscopic bariatric surgery

林建華 C.H. LIN

09.25-09.55 Laparoscopic colorectal surgery

柯道維 T.W. KE

### 10.00-10.20 PRE-LAB SESSION IN AUDITORIUM

林忠葦 C. LIN

Porcine embryology, anatomy, and clinical correlation  
Lab rules, demonstration & procedures to be performed

10.20-10.50 Coffee Break


### 11.00 am EXPERIMENTAL LABORATORY – 3F Laboratory

#### 11.00-13.00 PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (Live Tissue)

ALL FACULTY WILL BE PRESENT.

 TAPP

 Cholecystectomy

 CBD exploration with T-tube placement

 Small Bowel Resection

 Gastrojejunostomy


 Splenectomy

13.00-14.00 Lunch Break

#### 14.00-18.00 PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

 TAPP

 Cholecystectomy

 CBD exploration with T-tube placement

 Small Bowel Resection

 Gastrojejunostomy

 Splenectomy

### 18.00 pm BACK TO 1F AUDITORIUM

18.00

WRAP-UP

Delivery of Certificates

End of the course

ALL CHAIRS

18.10 Shuttlebus from IRCAD-Taiwan to HSR Taichung Station