

# PROGRAM

*ASIA IRCAD – TAIWAN*

## *INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY*

*OCTOBER 21 - 25, 2024*



### *PRESIDENT*

**Jacques MARESCAUX**

*President, IRCAD/EITS  
University Hospital of Strasbourg, France*

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*President, IRCAD Taiwan/AITS  
Show Chwan Memorial Hospital,  
Changhua, Taiwan*

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Changhua, Taiwan*

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

### *COURSE DIRECTOR*

**Bernard DALLEMAGNE**

*Consultant, IRCAD/EITS  
University Hospital of Strasbourg, France*

**Silvana PERRETTA**

*Vice President, IRCAD/EITS  
University Hospital of Strasbourg, France*

## **OBJECTIVES**





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- To provide the basic knowledge required for clinical applications
- To describe all the basic principles (instruments, materials, equipment) & present the most used basic laparoscopic techniques
- Hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic surgery such as intra-corporeal suturing and knots tying techniques, two-hands co-ordination for dissection, safe use of energy in laparoscopy
- To describe results & potential complications of laparoscopic procedures

## EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty & course participants
- Live & pre-recorded operative demonstrations

## INVITED INTERNATIONAL FACULTY

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|---|--|
|  Jacques MARESCAUX (France)   |  Silvana PERRETTA (Italy) |
|  Bernard DALLEMAGNE (Belgium) |                           |

## INVITED TAIWAN FACULTY

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|--|--|
|  陳自諒 William Tzu-Liang CHEN – 中國醫藥大學新竹附設醫院 |  秀傳醫療體系                     |
|  柯道維 Tao-Wei KE – 中國醫藥大學附設醫院               |  黃士維 Wayne Shih-Wei HUANG   |
|  陳建志 Chien-Chih CHEN – 和信治癌中心醫院            |  林忠葦 Charles Chung-Wei LIN  |
|  |  吳鴻昇 James Hurng-Sheng WU   |
|  |  李岳聰 Yueh-Tsung LEE         |
|  |  吳其翔 Jungle Chi-Hsiang WU   |
|  |  周德敖 Dev-Aur CHOU           |
|  |  林建華 Michael Chien-Hua LIN |
|  |  歐金俊 Jing-Jim OU          |
|  |  傅軍毓 Chun-Yu FU           |
|  |  蘇啟成 Khay-Seng SOH        |
|  |  蘇峻民 Jimmy Chun-Min SU    |

# ASIA IRCAD – TAIWAN

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

### OCTOBER 21 - 25, 2024

交通車時刻表 Shuttlebus Time Schedule	
出發時間 Departure Time	路線 Route
Day 1: October 21 (星期一 Monday)	
08.10	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
18.15	彰濱秀傳微創手術中心 → 大會晚宴 / 鹿港永樂酒店 IRCAD-Taiwan → Congress Dinner / Union House Lukang
20.30	大會晚宴 → 樂活紓壓俱樂部 Congress Dinner → Lohas Relaxing Club Lukang
Day 2: October 22 (星期二 Tuesday)	
08.00	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
18.15 PARTICIPANT	彰濱秀傳微創手術中心 → 鹿港永樂酒店 IRCAD-Taiwan → Union House Lukang
18.15 FACULTY	彰濱秀傳微創手術中心 → 教授晚宴 → 鹿港永樂酒店 IRCAD-Taiwan → Faculty Dinner → Union House Lukang
Day 3: October 23 (星期三 Wednesday)	
08.00	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
18.15	彰濱秀傳微創手術中心 → 鹿港永樂酒店 IRCAD-Taiwan → Union House Lukang
Day 4: October 24 (星期四 Thursday)	
08.00	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
18.45	彰濱秀傳微創手術中心 → 鹿港永樂酒店 IRCAD-Taiwan → Union House Lukang
Day 5: October 25 (星期五 Friday)	
08.00	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
14.55	彰濱秀傳微創手術中心 → 鹿港永樂酒店 → 高鐵台中站 IRCAD-Taiwan → Union House Lukang → Taichung HSR Station

- \*如需放置行李，櫃台後方設有行李間，請當日退房後帶至中心。
- \*自行開車者，可將車輛停放於醫院內停車格，於課程結束後至櫃檯領取免費停車卷。
- \*需要計程車接送者，請提前告知我們工作人員，方便為您安排。

Luggage storage, parking ticket, and taxi reservation is available at IRCAD-Taiwan.  
Please let us know when needed.

#### INFO 相關資訊：

微創中心課程負責人 Course Manager	陳亭仔 Vanessa 0925-182-525
Location	彰濱秀傳亞洲遠距微創手術中心 IRCAD-Taiwan (Asian Institute of TeleSurgery)
Address	505 彰化縣鹿港鎮鹿工路 6-1 號 No. 6-1, Lugong Rd., Lukang Township, Changhua County, 505
Tel	+886-4-781-2988

#### HOTEL 住宿：

特約飯店資訊 Hotel Info	鹿港永樂酒店 UNION HOUSE Lukang
Address	505 彰化縣鹿港鎮三民路 152 號 No. 152, Sanmin Road, Lukang Township, Changhua County, 505
Tel	Tel: +886-4-776-2999

特約飯店資訊 Hotel Info	樂活紓壓俱樂部 LOHAS RELAXING CLUB Lukang
Address	505 彰化縣鹿港鎮鹿工路 6 號 (彰濱秀傳心理健康大樓 2F) 2F, No. 6-2, Lugong Road, Lukang Township, Changhua County, 505 (Chang Bing Show Chwan Memorial Hospital, Mental Health Building 2F)
Tel	+886-4-781-1163

# Day 1 - Monday, October 21<sup>st</sup>, 2024

08.10 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

08.30 am Registration & Take Photo for Course Booklet

## THEORETICAL SESSION – 1F Auditorium

09.00 am **Welcome to participants & Pre-course evaluation w/voting system** **J. MARESCAUX & W. HUANG**

**Chairmen:** TBD

09.10-10.00 **Laparoscopic Equipment** **B. DALLEMAGNE**

- + Organization and laparoscopes, cameras, insufflators...
- + New imaging modalities
- + Instruments
- + Surgical energy: principles and devices for electrosurgery and modern tissue fusion

10.05-10.55 **Basic Principles of Laparoscopic Surgery** **S. PERRETTA**

- + Operating room set-up
- + Review of the techniques of access to the peritoneal cavity
- + Trocar characteristics, risks, safe manipulation and positioning

11.00-11.30 Coffee Break (1F Cafeteria)  
– Registration for University Diploma at Reception Desk

**Chairmen:** TBD

11.30-12.10 **Laparoscopic Suturing**, Sewing, Knot Tying **黃士維 W. HUANG**

### **Laparoscopic Surgery for Abdominal Emergencies**

- 12.15-12.35 + Laparoscopy in peritonitis
- + Acute appendicitis
- 12.35-13.55 + Laparoscopic surgery for hollow organ perforation
- + Laparoscopic surgery for acute cholecystitis

13.00-14.00 Group Photo & Lunch (1F Cafeteria)









14.00-14.10 **PRE-LAB SESSION IN AUDITORIUM** **黃士維 W. HUANG**

- + Description of the lab rules

## EXPERIMENTAL SESSION (Option B: Suture - Dry & Ex-vivo) – 3F Laboratory






14.00-16.00 Hands-On Session on Dry Box - Pad

### **Training Procedures:**

-  Picking up of needle
-  Adjustment of needle angles
-  Driving through the needles right hand / left hand
-  Pulley method
-  Knot tying
-  Right hand only rotation
-  Proper tightening of knot
-  Continuous knot formation

16.00-18.00 Hands-On Session on Ex-vivo Tissue

### **Training Procedures:**

-  Gastrojejunostomy
  -  Jejunojunostomy
- Additional practice if have time:
-  Choledochojejunostomy
  -  Pancreaticojejunostomy
  -  Bleeding control suture

18.00 pm End of session  
Evaluation of the day at reception desk (1F)

18.15 pm Faculty & Participant Shuttlebus from IRCAD-Taiwan to Congress Dinner

18.30 pm Congress Dinner

## Day 2 - Tuesday, October 22<sup>nd</sup>, 2024

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### THEORETICAL SESSION – 1F Auditorium



08.30-08.55 How Artificial Intelligence will revolutionize Minimally Invasive Surgery? **Chairmen:** TBD  
J. MARESCAUX

### LIVE SURGERY – 1F Auditorium

**Chairmen:** TBD

#### LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

09.00-10.30 TAPP & TEP Inguinal Hernia Repair


-  TAPP Trans Abdominal Pre-Peritoneal technique
-  TEP Totally Extra Peritoneal technique  
(cases to be determined)

10.00-10.30 Coffee Break (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

**Chairmen:** TBD



#### Laparoscopic Hernia Repair

10.30-10.45  Laparoscopic anatomy of inguinal hernia repair

10.50-11.05  Rationale of the laparoscopic approach (TAPP, TEP) B. DALLEMAGNE



11.10-11.25  Ventral and incisional hernia: updated indications and techniques

11.30-12.25 Laparoscopic Biliary Surgery

-  Basic principles of laparoscopic cholecystectomy: critical view of safety
-  Laparoscopic common bile duct exploration

12.30-13.30 Lunch (1F Cafeteria)  
– Last day to register for University Diploma at Reception Desk




13.30-13.50 PRE-LAB SESSION IN AUDITORIUM

-  Anatomy of the animal
-  Surgical procedures




## EXPERIMENTAL SESSION (Option B: Porcine) – 3F Laboratory

14.00-18.00 Hands-On Session on Live Tissue

### **Objectives: Basic principles and techniques**

-  Accesses, insufflation, positioning of trocars
-  Exposure – dissection – stitching
-  Tissue approximation, knot tying, and stapling

### **Training Procedures:**

-  TAPP inguinal hernia repair
-  Small bowel resection and anastomoses
-  Gastrojejunostomy

18.00 pm End of session  
Evaluation of the day at reception desk (1F)

18.15 pm Faculty & Participant Shuttlebus from IRCAD-Taiwan to Hotel  
Evening Free



## Day 3 - Wednesday, October 23<sup>rd</sup>, 2024

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### LIVE SURGERY – 1F Auditorium

**Chairmen:** TBD

#### LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS


08.30-10.30 (cases to be determined)

Coffee Break (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

**Chairmen:** TBD

#### Foregut Surgery

10.30-10.45  Surgical treatment of GERD

B. DALLEMAGNE

10.50-11.05  PHE Repair

S. PERRETTA

11.10-11.25  Partial Gastrectomy for benign disease: tips and trick


B. DALLEMAGNE

11.30-12.25  Radical Gastrectomy for Cancer

H.K. YANG

- Total Gastrectomy
- Distal Gastrectomy

12.30-12.55 Pancreatic Surgery

 From diagnosis to pancreatectomy

13.00-14.00 Lunch (1F Cafeteria)





14.00-14.20 PRE-LAB SESSION IN AUDITORIUM

 Description of the surgical procedures

### EXPERIMENTAL SESSION (Option B: Porcine) – 3F Laboratory

14.30-18.30 Hands-On Session on Live Tissue

#### Training Procedures:

-  Gastrojejunostomy-Stapling
-  Fundoplication
-  Cholecystectomy
-  Splenectomy

18.30 End of session  
Evaluation of the day at reception desk (1F)

18.45 Faculty & Participant Shuttlebus from IRCAD-Taiwan to Hotel  
Evening Free

## Day 4 - Thursday, October 24<sup>th</sup>, 2024

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### LIVE SURGERY – 1F Auditorium

**Chairmen:** TBD

#### LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

08.30-10.30 (cases to be determined)

10.30-11.00 Coffee Break (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

11.00-11.25 **Bariatric and Metabolic Surgery**

✚ Tailored approach: gastric banding, sleeve gastrectomy, and gastric bypass

11.30-11.55 ✚ Endoscopic rescue of bariatric surgery complications

S. PERRETTA

12.00-12.25 **Laparoscopic Hepatic Surgery**: a stepwise approach

林忠葦 C. LIN

12.30-13.30 Lunch (1F Cafeteria)

13.30-13.50 PRE-LAB SESSION IN AUDITORIUM

✚ Description of the surgical procedures

林忠葦 C. LIN  
& S. PERRETTA

### EXPERIMENTAL SESSION (Option B: Porcine) – 3F Laboratory

14.00-18.00 Hands-On Session on Live Tissue

#### **Training Procedures:**

✚ Dissection of the hepatic pedicle

✚ Partial liver resection

✚ Liver segmentectomy

#### **Strasbourg University Diploma:**

Proficiency Test (Only for enrolled candidates)

✚ Validating procedure: small bowel resection / anastomoses

S. PERRETTA  
(3F Laboratory)

18.00 End of session  
Evaluation of the day at reception desk (1F)

18.15 Faculty & Participant Shuttlebus from IRCAD-Taiwan to Hotel  
Evening Free


## Day 5 - Friday, October 25<sup>th</sup>, 2024

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### LIVE SURGERY – 1F Auditorium

**Chairmen:** 柯道維 T.W. KE

08.30-10.30 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**


 Laparoscopic Colorectal Surgery  
(cases to be determined)

陳自諒 W. CHEN


10.30-11.00 Coffee Break (1F Cafeteria)


**Chairmen:** 柯道維 T.W. KE

#### **Colorectal Surgery**

11.00-11.50  Surgical techniques, tips and tricks in colorectal surgery


陳自諒 W. CHEN

 Laparoscopic right and left colectomy

 TME total mesorectal excision in rectal cancer

11.50-12.30  Transanal TME and TEM


陳建志 C.C. CHEN

 Robotic surgery

12.30-13.30 Lunch (1F Cafeteria)

13.30-14.00 **Strasbourg University Diploma:**  
Proficiency Test (Only for enrolled candidates)

S. PERRETTA  
(1F Auditorium)

 Multiple choice questions

### THEORETICAL SESSION – 1F Auditorium

**Chairmen:** TBD

14.00-14.40 **THE FUTURE OF SURGERY IS FLEXIBLE**

S. PERRETTA

14.40 pm End of the course  
Evaluation of the day  
Delivery of certificate of attendance  
Strasbourg University Diplomas for successful candidates will be mailed directly by France

14.55 pm Participant & Faculty Shuttlebus from IRCAD-Taiwan to Hotel & Taichung HSR Station

# 彰濱秀傳醫療園區地圖

## Map of Chang Bing Show Chwan Health Park



Restaurant 餐廳：	Tel 電話：	Address 地址：
LeeLi's	+886-4-777-1822	鹿港鎮興化街 40-1 號
海味珍海鮮餐廳 Hai Wei Zhen Seafood	+886-4-778-6442	鹿港鎮鹿東路二段 173 號
木生海鮮會館 Mu Sheng Seafood	+886-4-776-4072	鹿港鎮自由路 77 號
王罔麵線糊 Wang Wang Noodle Paste	+886-958-629-960	鹿港鎮民族路 268 號
永香民俗小吃 Yong Xiang Taiwan Snack	+886-4-778-7464	鹿港鎮金門巷 55 號
掬翠拾煙蔬食創作料理 (素) Ju Cui Shi Yan (Vegetarian)	+886-4-778-9112	鹿港鎮金盛巷 10 號
勝豐吧 Sheng Feng Bar	+886-958-336- 211	鹿港鎮民族路 131 號