

# TAES X IRCAD X TSSG

## GENERAL SURGERY 360° COURSE:

### ENDOSCOPIC/LAPAROSCOPIC/IMAGE- GUIDED FUNDAMENTAL COURSE (TR1 - GENERAL SURGERY LAPAROSCOPIC BASIC COURSE)

SEP 26 - 28, 2025 ASIA IRCAD – TAIWAN



#### PRESIDENT

##### Jacques MARESCAUX

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#### COURSE DIRECTORS

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Vice Dean, IRCAD Taiwan/AITS,  
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#### 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.

## Day 1 - Friday, Sep 26, 2025

08.20 am Shuttlebus from Hotel to IRCAD-Taiwan

08.40 am Registration

### 09.00 am MORNING SESSION – 1F Auditorium

09.00-09.10 **OPENING SESSION IN AUDITORIUM**

Welcome to Participants

09.10-09.30 **Laparoscopic equipment: camera, optical system, insufflator, and instruments**

09.35-10.15 **Partnering with Medtronic:**

✚ Suture & Ligation

✚ Energy & Stapling

10.20-10.45 **Application of ICG in laparoscopic hepatobiliary surgery**

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**

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, Sep 26, 2025

### 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 Station (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>ArtiSential</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/ Faculty dinner

**Day 2 - Saturday, Sep 27, 2025**

08.15 Shuttlebus from Hotel to IRCAD-Taiwan

**08.45 am MORNING SESSION – 1F Auditorium**

08.45-09.10 AI& Robotic surgery in the future

09.15-09.40 Laparoscopic suturing-training for mastery

09.45-10.10 Laparoscopic intracorporeal GI anastomoses

10.10-10.40 Group Photo @ 1F Cafeteria  
Coffee Break

10.40-11.05 Endoscopy: basic principle and collaboration with surgery

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

11:40-12:05 Pearls and pitfalls in ultrasound guided central venous access

12.10-13.10 Lunch Break

**13.10 AFTERNOON SESSION – 1F Auditorium****13.10-13.30 PRE-LAB SESSION IN AUDITORIUM**

- Demonstration of the exercises to be performed.

## Day 2 - Saturday, Sep 27, 2025

**13.40 pm**    **EXPERIMENTAL LABORATORY – 2F Mei Chi & 3F Laboratory**

**13.40 pm**    **PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (Training Box & Live Tissue)**

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

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

**17.40 pm**    **End of the day**

**18.00 pm**    **Shuttlebus from IRCAD-Taiwan to Congress Banquet & Hotel**

**18.20 pm**    **Congress Banquet**

## Day 3 - Sunday, Sep 28, 2025

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

09.25-09.55 Laparoscopic colorectal surgery

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

Porcine embryology, anatomy, and clinical correlation

Lab rules, demonstrations & procedures to be performed


10.20-10.50 Coffee Break

### 11.00 EXPERIMENTAL LABORATORY – 3F Laboratory

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

 TAPP

 Cholecystectomy

 CBD exploration with T-tube placement

 Small Bowel Resection

 Gastrojejunostomy


 Splenectomy

13.00-14.00 Lunch Break

#### 14.00-17.50 PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

 TAPP

 Cholecystectomy

 CBD exploration with T-tube placement

 Small Bowel Resection

 Gastrojejunostomy

 Splenectomy

### 18.00 BACK TO 1F AUDITORIUM

WRAP-UP

Delivery of Certificates

End of the course

18.15 Shuttlebus from IRCAD-Taiwan to HSR Taichung Station/Hotel

## 彰濱秀傳醫療園區地圖 Map of Chang Bing Show Chwan Health Park



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