



# LAPAROSCOPIC GENERAL SURGERY INTENSIVE COURSE

<sup>20</sup>  
<sup>26</sup> **03/09 to 13**

<sup>20</sup>  
<sup>26</sup> **06.29 to 07.03**

<sup>20</sup>  
<sup>26</sup> **10.19 to 23**

2026

9:00 am ◦ **WELCOME TO PARTICIPANTS**

**9:15 am • THEORETICAL SESSION 1**

Getting started in laparoscopic surgery: principles, skills and safe practice

- Review of the techniques of access to the peritoneal cavity
- Trocar characteristics, risks, safe manipulation and positioning
- Skills requirements for performing basic procedures safely

**9:50 am • LAPAROSCOPIC SUTURING, SEWING, KNOT TYING**

10:20 am ◦ **COFFEE BREAK**

**10:50 am • PRE-TEST**

Perform suture tying: 3 knots

**11:10 am • LAB DEMONSTRATION**

• 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	

1:10 pm ◦ **LUNCH**

**2:00 pm • HANDS-ON SESSION ON EX-VIVO TISSUE**

Training Procedures:

- Closure of Gastrostomy
- Gastrojejunostomy
- Jejunojejunostomy

6:00 pm ◦ **END OF SESSION**

**8:30 am** • How Artificial Intelligence will revolutionize Minimally Invasive Surgery?

**9:00 am** • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS (Inguinal Hernia / ICG Cholecystectomy)

**10:30 am** ◦ COFFEE BREAK

**11:00 am** • **THEORETICAL SESSION 2**  
Laparoscopic Hernia Repair

- Rationale of the laparoscopic approach (TAPP, TEP)
- Repair in complex situations; strangulated and irreducible hernias

  
Biliary Surgery

- Basic principles of laparoscopic cholecystectomy: critical view of safety and bailout procedures
- Laparoscopic management of CBD stones

**12:30 pm** ◦ LUNCH

**1:30 pm** • **PRE-LAB SESSION IN AUDITORIUM**

- Description of the lab rules
- Anatomy of the animal
- Surgical procedures

**2:15 pm** • **EXPERIMENTAL SESSION (LIVE TISSUE)**  
Hands-On Session on Live Tissue  
OSATS – Technical Skills Evaluation (Initial)  
Training Procedures:

- TAPP inguinal hernia repair
- Small bowel resection and anastomoses
- Cholecystectomy
- CBD exploration
- T-tube placement

**7:15 pm** ◦ END OF SESSION

**10:40 am • THEORETICAL SESSION 3**

Laparoscopic Surgery for Abdominal Emergencies

- Acute appendicitis
- Bowel, gastric perforation

**10:05 am • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**

Liver / Stomach / Bariatric Surgery

**11:35 am • THEORETICAL SESSION 4**

Foregut Surgery

Esophageal Motility disorders:

- GERD & Hiatal Hernia
- Achalasia

Gastrectomy Cancer

- Total and Partial Gastrectomy

**12:25 pm • LUNCH****1:25 pm • PRE-LAB SESSION IN AUDITORIUM**

Description of the surgical procedures

**1:40 pm • EXPERIMENTAL SESSION (PORCINE)**

Hands-On Session on Live Tissue

Training Procedures:

• Gastrojejunostomy-Stapling	• Fundoplication
• Gastrectomy	• Splenectomy

**6:40 pm • END OF SESSION****8:30 am • Innovation and Entrepreneurship in Surgery****8:55 am • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**

Laparoscopic Colorectal Surgery

**11:35 am • THEORETICAL SESSION 5**

Colorectal Surgery

- Laparoscopic Right and Left colectomy, TME
- Transanal and Robotic TME

**12:25 pm • LUNCH****1:40 pm • EXPERIMENTAL SESSION (PORCINE)**

Hands-On Session on Live Tissue

OSATS – Technical Skills Evaluation (Final)

Training Procedures \*:

• Gastrectomy	• Gastrojejunostomy
• Partial liver resection	• Dissection of the hepatic hilum
• Dissection of the hepatic hilum	

**6:30 pm • END OF SESSION**

**8:30 am** • State-of-the-art: Bariatric and Metabolic Surgery

**9:00 am** • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS  
(Cases to be determined)

**11:00 am** • **THEORETICAL SESSION 6**  
Laparoscopic approach to Solid and Endocrine organs  
• HBP surgery: from atypical to extended resection  
• Splenic Surgery: from preservation to resection techniques  
**Pancreatic Surgery**  
• Enucleation and distal pancreatectomy

**12:25 pm** • **LUNCH**

**1:25 pm** • **Post-Test**  
Perform suture tying: 3 knots

**2:10 pm** • **Closing Lecture : THE FUTURE OF SURGERY IS FLEXIBLE**

**2:40 pm** • **END OF THE COURSE**

This program may be subject to modifications

## REGISTER



<https://linktr.ee/ircad taiwan>



## OPTIONS A/B

A: LECTURES ONLY  
B: LECTURES AND ANIMAL LAB (3 ppl/table)  
C: LECTURES AND ANIMAL LAB (2 ppl/table)

## OBJECTIVES

Provide Participants with essential knowledge for Clinical Laparoscopic Applications

- **Fundamental principles:** overview of instruments, materials and equipment along with key laparoscopic techniques
- **Hands-on training:** practical sessions to learn or improve skills in:
  - intra-corporeal suturing and knot tying
  - two-handed coordination for manipulation and dissection
  - safe use of energy and laparoscopic staplers, clips...
- **Outcome and Complication:** discussion of expected results and potential complications of laparoscopic procedures

## METHODS

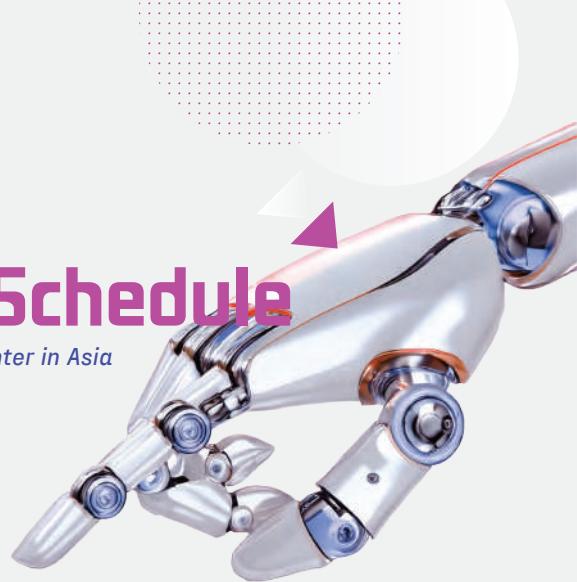
- Interactive didactic and video sessions between faculty and participants
- Live & pre-recorded operative demonstrations
- Supervised hands on training sessions on ex-vivo and live animal models
- Objective assessment of technical skills (OSATS)

For any questions, please feel free to contact us | Email: [register@ircad taiwan.com.tw](mailto:register@ircad taiwan.com.tw)

# Ircad Taiwan

# 2026 Course Schedule

*The largest and most advanced training center in Asia*



## TR1 Fundamental Course

FROM FUNDAMENTALS TO ADVANCED  
GYNECOLOGIC SURGICAL PRACTICE

2026/6/26 to 28

GENERAL SURGERY 360°

FUNDAMENTAL Course: Laparoscopic /  
Endoscopic / Image-Guided

2026/9/11 to 13

## TR2 Intermediate Course

INTENSIVE Course in Laparoscopic  
GENERAL SURGERY

2026/3/9 to 13 & 6/29 to 7/3 & 10/19 to 23

DU Surgical & Interventional  
ENDOSCOPY Curriculum

2026/3/11 to 14 & 10/21 to 24

BARIATRIC AND METABOLIC  
ENDOSCOPY WORKSHOP

2026/6/13

Advanced BILIARY Surgery Course:  
Hands-On Laparoscopic Bile Duct Exploration -  
Prevention of Complications & CHOLEDOCHOSCOPY  
2026/11/10 to 11

## TR3 Advanced Course

Laparoscopic & Robotic COLORECTAL  
Surgery Master Course [Cadaver]

2026/4/17 to 19

ENDOCRINE Ultrasound-Guided RFA Course

2026/7/10

ENDOCRINE Surgery Course

2026/7/11 to 12

Advanced Course in Inguinal  
HERNIA & Complex Abdominal  
Wall Repair Surgery

2026/8/19 to 20

Laparoscopic UROLOGY Surgery Course

2026/11/5 to 6

Advanced Course in Robotic UROLOGY

2026/11/7 to 8

New Perspectives in HEPATOBILIARY  
& PANCREATIC Surgery Course

2026/11/12 to 14

**IRCAD-Taiwan Website**  
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## Veterinary Course

VETERINARY Laparoscopic Surgery  
ADVANCED Course  
**2026/4/11 to 12**

VETERINARY Laparoscopic Surgery  
INTERMEDIATE Course  
**2026/10/29 to 30**

## Innovation Course

B.E.S.T. Workshop: Business,  
Engineering, Surgical Technology  
**2026/7/20 to 24**

## Robotic Course

Da Vinci Robotic Surgery Week:  
GS / Hernia / Gastric / Liver / Pancreas /  
Colorectal / Gynecology / Urology  
**2026/4/13 to 5/4 & 8/3 to 24**

## Multidisciplinary Course

WRIST Arthroscopy Course【Cadaver】  
**2026/5/28 to 29**

ELBOW Arthroscopy Course【Cadaver】  
**2026/5/30 to 31**

Advanced SINUS  
Dissection Course【Cadaver】  
**2026/10/3 to 4**

SKULL BASE 360° Endoscopic &  
Microscopic Surgery Course【Cadaver】  
**2026/12/1 to 4**

Microvascular Anastomosis Hands-on  
Surgery Course  
**2026/12/5 to 6**

**Contact us to inquire about the availability !!**

**Mini-Fellowship  
Da Vinci Basic Course**

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TAIWAN

秀傳亞洲遠距微創手術中心  
Asian Institute of TeleSurgery



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FOR ANY QUESTIONS, PLEASE  
CONTACT IRCAD TAIWAN!

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