



LAPAROSCOPIC GENERAL SURGERY

INTENSIVE COURSE

²⁰₂₆ **03/09 to 13**

²⁰₂₆ **06.29 to 07.03**

²⁰₂₆ **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
- Driving through the needles right hand / left hand
- Pulley method
- Right hand only rotation
- Continuous knot formation
- Adjustment of needle angles
- Knot tying
- Proper tightening of knot

1:10 pm ◦ **LUNCH**

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

Training Procedures:

- Closure of Gastrostomy
- Gastrojejunostomy
- Jejunojunostomy

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/ircadtaiwan>



**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 Applicationsine

- **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

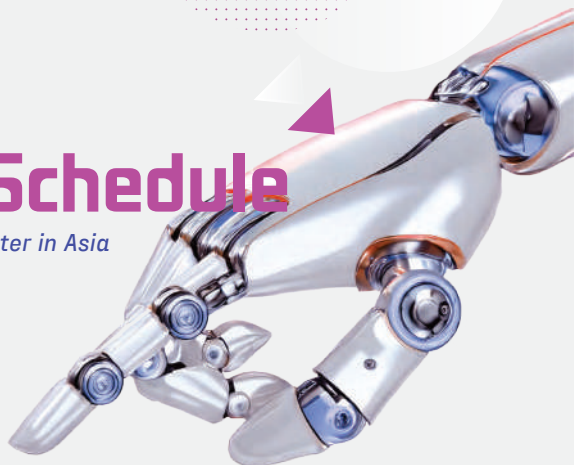
METHODS

- 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@ircadtaiwan.com.tw

Ircad Taiwan 2026 Course Schedule

The largest and most advanced training center in Asia



TR I 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
www.ircadtaiwan.com



scan to
Know More

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
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