

PROGRAM

ASIA IRCAD – TAIWAN

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 19 - 23, 2026



Medtronic
Engineering the extraordinary

CHAIRMAN

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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

EDUCATIONAL 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)

ONLINE FACULTY

INVITED INTERNATIONAL FACULTY

INVITED TAIWAN FACULTY

Day 1 – Monday, October 19th, 2026

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**

09.10-10.00 **Basic Principles of Laparoscopic Surgery**

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

10.00-10.30 **Laparoscopic Suturing**, Sewing, Knot Tying

10.30-10.50 PRE-LAB SESSION IN AUDITORIUM

-  Description of the lab rules

10.50-11.20 Group Photo & Coffee Break (1F Cafeteria)
– Registration for University Diploma at Reception Desk

EXPERIMENTAL SESSION (Option B: Suture – Dry Lab) – 3F Laboratory

Lab Demonstration

11.20-13.20 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

13.20-14.20 Lunch (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

14.20-14.50 **08.20-08.50 France (CEST+2)**
 How Artificial Intelligence will revolutionize Minimally Invasive Surgery?

EXPERIMENTAL SESSION (Option B: Suture – Dry Lab) – 3F Laboratory

14.55-17.55 Hands-On Session on **Ex-vivo Tissue**

Training Procedures:

-  Gastrojejunostomy
-  Jejunojunostomy

18.00-18.30 **Key Equipment for Laparoscopy**

-  Insufflator: operation and safety rules
-  Electrosurgery and UltraSonic devices

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

18.40 pm Participant Shuttlebus from IRCAD-Taiwan to Hotel

Day 2 – Tuesday, October 20st, 2026

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

THEORETICAL SESSION – 1F Auditorium

08.30-10.30 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**
HERNIA & Cholecystic Surgery

LIVE SURGERY – 1F Auditorium

10.30-11.30 **Laparoscopic Hernia Repair**

-  Laparoscopic anatomy of inguinal hernia repair
-  Rationale of the laparoscopic approach (TAPP, TEP)
-  Strangulated hernia, postoperative complications, pain

11.30-12.00 Coffee Break (1F Cafeteria)

12.00-13.00 **Laparoscopic Biliary Surgery**

-  Basic principles of laparoscopic cholecystectomy: critical view of safety
-  Laparoscopic surgery for acute cholecystitis
-  Laparoscopic common bile duct exploration

13.00-13.30 **07:00 – 07:30 Belgium (CEST+2)**
Ventral and Incisional hernia: modern strategy

13.30-14.20 Lunch (1F Cafeteria)
– Last day to register for University Diploma at Reception Desk

14.20-14.40 **PRE-LAB SESSION IN AUDITORIUM**

EXPERIMENTAL SESSION (Option B: Live Tissue) – 3F Laboratory

14.40-19.10 Hands-On Session on Live Tissue
OSATS – Technical Skills Evaluation (Initial)

Training Procedures:

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

19.20 End of Session
Participant Shuttlebus from IRCAD-Taiwan to Hotel

Day 3 – Wednesday, October 21st, 2026

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

THEORETICAL SESSION – 1F Auditorium

Chairmen:

08.00-08.45 **Laparoscopic Surgery for Abdominal Emergencies**

-  Acute appendicitis
-  Bowel, gastric perforation

LIVE SURGERY – 1F Auditorium

08.50-10.20 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**

Liver, Stomach or Gastric Cancer
(cases to be determined)

10.20-10.50 Coffee Break (1F Cafeteria)

Forgut Surgery

- 10.50-12.05  Surgical treatment of GERD & Hiatal Hernia
-  Achalasia
- Laparoscopic Heller myotomy
 - Peroral endoscopic myotomy (POEM)
- 12.10-12.55  Radical Gastrectomy for Cancer
- Total Gastrectomy
 - Distal Gastrectomy

13.00-13.45 LUNCH (1F Cafeteria)

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

13.45-14.00 PRE-LAB SESSION IN AUDITORIUM

-  Description of the surgical procedures

14.00-18.30 Hands-On Session on Live Tissue

Training Procedures:

-  Gastrojejunostomy-Stapling
-  Fundoplication
-  Cholecystectomy
-  Splenectomy

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

18.40 Faculty & Participant Shuttlebus from IRCAD-Taiwan to Congress Dinner

Day 4 - Thursday, October 22nd, 2026

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

THEORETICAL SESSION – 1F Auditorium

Chairmen:

08.00-08.25 Surgical Innovation & Start up

LIVE SURGERY – 1F Auditorium

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

Laparoscopic Colorectal Surgery
(cases to be determined)

10.30-11.00 Coffee Break (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

Colorectal Surgery

- 11.00-12.00
-  Laparoscopic right and left colectomy
 -  TME total mesorectal excision in rectal cancer
 -  Transanal TME and TEM Robotic surgery

12.00-13.00 Lunch (1F Cafeteria)

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

13.10 Pre-lab

13.30-18.30 Hands-On Session on Live Tissue
OSATS – Technical Skills Evaluation (Final)

Training Procedures *:

-  Gastric bypass (handsewn)
-  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

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

Day 5 - Friday, October 23rd, 2026

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

THEORETICAL SESSION – 1F Auditorium

08.00-08.25 **Bariatric and Metabolic Surgery**

-  Managing weight regain and dumping after GBP: APC, endoscopic sutures or both?

LIVE SURGERY – 1F Auditorium

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

ESG (cases to be determined)

10.30-11.00 Coffee Break (1F Cafeteria)

11.00-12.20 **Bariatric and Metabolic Surgery**

-  Sleeve gastrectomy and Bypass: pros and cons
-  Intra-thoracic migration after sleeve gastrectomy
-  The emerging role of bariatric endoscopy
-  Endoscopic management of bariatric complications: clinical cases discussion

12.25-12.50 **09.55-10.20 India (IST/GMT+5:30)**

-  Precision Bariatrics: A Phenotype-Based Approach to Sleeve Gastrectomy and Gastric Bypass
-  Surgical management of common and difficult complications

12.50-13.50 Lunch (1F Cafeteria)

13.50-14.20 **Strasbourg University Diploma:**

Proficiency Test (Only for enrolled candidates)

-  Multiple choice questions

THEORETICAL SESSION – 1F Auditorium

14.20-14.45 **Robotic Surgery Overview**

14.50-15.15 **Pancreatic Surgery**

-  Enucleation and distal pancreatectomy

15.20-15.45 **The Future of Surgery is Flexible**

15.55 pm End of the course

Evaluation of the day & Delivery of certificate of attendance

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

This program is subject to modification.

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
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NOTE