INGUINAL-VENTRAL & COMPLEX ABDOMINAL WALL REPAIR (CAWR) SURGERY

2025

MINIMALLY INVASIVE APPROACH & ROBOTIC INDICATIONS
ADVANCED COURSE

DATE

October 2 - 4

COURSE DIRECTORS

D. Mutter (FR)
A. Park (US)
B. Romain (FR)

IRCAD FRANCE, THE BEST TRAINING CENTER IN THE WORLD

• More than 50 courses in minimally invasive surgery, GI endoscopy, robotic surgery, and arthroscopy.

• More than 800 international experts from prestigious hospitals worldwide contributing their expertise to our programs.

• Annually, around 8,000 surgeons trained through our comprehensive on-site and online courses.

REGISTRATION FEES INCLUDE

- Live or pre-recorded operative demonstrations
- Theoretical sessions
- **One half day of hands-on sessions on live tissue (mini-pigs)**
- Coffee breaks and lunches
- One dinner

INTERNATIONAL FACULTY OF EXPERTS

COURSE DIRECTORS

D. Mutter (FR)

A. Park (US)

B. Romain (FR)

FACULTY PANEL

M. Bailey (GB)

I. Belyansky (US)

T. Bisgaard (NL)

R. Bittner (DE)

A. De Beaux (GB)

A. D'Urso (IT)

B. East (CZ)

A. Forgione (IT)

M. Ignat (RO)

M. Lopes Furtado (BR)

D. Masden (US)

M. Miserez (BE)

S. Morales-Conde (ES)

M. Nahabedian (US)

C.D. Narayanan (IN)

E. Parra-Davila (US)

V. Radu (RO)

B. Seeliger (DE)

D. Singh (US)

M. Vix (FR)

MORE INFORMATION
ABOUT OUR FACULTY

Available on our website
WWW.IRCAD.FR

7:45 *am* ◇ *REGISTRATION AND WELCOMING OF PARTICIPANTS*

8:00 *am* ◆ OPTIONS A, B AND C

LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS

- TAPP – TEP

10:00 *am* ◆ *LIVE SURGERY LAPAROSCOPIC AND ROBOTIC*

Inguinal hernia

- Methods of access to the preperitoneal space in TEP
- TEP approach
- TAPP vs TEP

Controversies in inguinal hernia care

- Personalized care: size and position of the mesh
- Management of the defect
- Fixation of the mesh
- Seroma in ventral hernia

1:00 *pm* ◇ *LUNCH AT THE INSTITUTE*

2:00 *pm* ◆ OPTION A

AFTERNOON FREE

OPTION B

HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)

Laparoscopic approaches

- Inguinal hernia
- Ventral hernia
- Diaphragmatic hernia
- Stoma and parastomal hernia
- Bowel resection and suture
- Ureter identification, suture and stenting

OPTION C

HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)

Robotic approaches

- Inguinal hernia
- Ventral hernia
- Diaphragmatic hernia
- Stoma and parastomal hernia
- Bowel resection and suture
- Ureter identification, suture and stenting

6:30 *pm* ◇ *END OF SESSION*
EVENING FREE

7:50 *am* — *EVALUATION OF THE PREVIOUS DAY'S SESSIONS*

8:00 *am* — OPTIONS A, B AND C

LECTURE

- Stepwise laparoscopic incisional and ventral hernia repair

10:00 *am* — *LIVE OR PRE-RECORDED SURGERY (LAPAROSCOPIC AND ROBOTIC)*

- Incisional hernia
- Ventral hernia

11:00 *am* — *THEORETICAL SESSION*

Atypical abdominal wall defects

- Suprapubic hernia
- High epigastric hernia
- Lumbar hernia

Fixation of the mesh

- Transfascial sutures (number, type, position)
- Absorbable and non-absorbable peritoneal fixation
- Place of glue: types and results

Controversial decisions/management

- Infection, pain, bowel leaks... after incisional and ventral hernia repair: what's next?

12:30 *pm* — *LUNCH AT THE INSTITUTE*

2:00 *pm* — OPTIONS A, B AND C

- Detailed review of robotic TAR and complications

Laparoscopic and robotic AWR approaches

- Management of the defect, to close or not to close, is it important?
- The eTEP/eTEP-TAR in AWR
- Personalized care: size and position of the mesh
  - Intra-abdominal / Retromuscular / Onlay
- Seroma in ventral hernia: why, when and how to treat?
- Botulinum toxin & AWR
- Management of rectus diastasis

Ventral Hernia: anatomy & evaluation

Anatomy of the abdominal wall
Abdominal wall function

Complex abdominal wall defects

- The plastic surgery perspective
- Reconstructive options
- Component separation:
  - Open approach
  - Laparoscopic approach
- Place of abdominal wall expanders
- Muscle flaps: indication in abdominal wall repair

6:30 *pm* — *END OF SESSION*

8:00 *pm* — *DINNER IN HONOR OF THE PARTICIPANTS*

7:50 *am* — *EVALUATION OF THE PREVIOUS DAY'S SESSIONS*

8:00 *am* — OPTIONS A, B AND C

THEORETICAL SESSION

Special Hernias

The problem of parastomal hernias & other atypical abdominal wall defect

- Mechanism of occurrence / therapeutic options
- Laparoscopic vs open management options
- Prevention & outcomes
- Minimally invasive management of large abdominal wall hernias (over 8-10 cm)
- Management of post operative peritonitis/bowel injury after AWR

Abdominal wall repair: final thoughts

- Place of negative pressure therapy
- AWR: panniculectomy & cosmetic results
- Quality of life after AWR when not to operate

Hernia meshes and biometrials: the key mesh properties

- Mesh fundamentals (history of, categories and attributes)
- Tissue repair biology
- Evolving understanding of mesh/host compatibility
- The race for the surface
- The liability mine field of mesh use by surgeons/decision for mesh choice
- Matching mesh performance to physiology
- Future of hernia focused biomaterial development

CLOSING LECTURE

- Future trends in hernia surgery

12:00 *pm* — *END OF THE COURSE*
DELIVERY OF CERTIFICATES OF ATTENDANCE

1:00 *PM* — *LUNCH AT THE INSTITUTE*

COURSE OBJECTIVES

- Provide the basic knowledge required for the management of all types of abdominal wall defects
- Provide information about the principles and properties of absorbable and non-absorbable surgical meshes
- Provide indications for surgical treatment and discuss operative complications
- Highlight technicalities of surgical interventions through the broadcasting of live procedures to allow real-time discussion between the operators and the surgeon trainees
- Provide hands-on sessions to improve skills in laparoscopic and robotic surgery through practice on live tissue under expert tutorial
- Describe postoperative clinical results and practical applications of evidence-based clinical medicine

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between Faculty and course participants
- Live and pre-recorded operative demonstrations
- Hands-on session in laparoscopic and robotic hernia surgery on live tissue, under expert tutorial

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