

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

PROGRAMME

OCTOBER 10 - 12



2024

ircad
France

STRASBOURG
UNIVERSITY

Course directors

D. Mutter (FR)

A. Park (US)

B. Romain (FR)

FACULTY MEMBERS

Didier MUTTER	NHC, Strasbourg, France
Adrian PARK	Meritus Health, Hagerstown, USA
Benoît ROMAIN	CHU de Hautepierre, Strasbourg, France
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C.D. NARAYANAN	<i>SRI Ramachandra Medical College & Research, Chennai Taminaldu, India</i>
Michel VIX	NHC, Strasbourg, France

TRAINERS IN THE LAB

Alfonso LAPERGOLA	NHC, Strasbourg, France
Elisa REITANO	NHC, Strasbourg, France
Pietro RIVA	NHC, Strasbourg, France
Barbara SEELIGER	IHU, NHC, Strasbourg, France
Florent ALEXANDRE	NHC, Strasbourg, France

Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias

COURSE OBJECTIVES

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

COURSE ENDORSEMENT AND ACCREDITATION



This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS). EACCME credits are also recognized by the American Medical Association towards the Physician's Recognition Award (PRA).



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Thursday, October 10 - 2024

MORNING

INGUINAL HERNIA

Participants option A & B

07:45 am: Registration

08:00 am: Welcome to participants D. Mutter

08:00 – 08:30 am: LECTURE

Chairmen: B. Romain – A. Park

➤ Classification and anatomy **C.D. Narayanan (25')**

08:30 – 11:00 am: LIVE OR PRE-RECORDED SURGERY

from expert international centre

➤ TAPP **D. Mutter (70')**

➤ TEP **C.D. Narayanan (pre-record 70')**

11:00 am: Coffee Break

11:15 am – 01:00 pm: THEORETICAL SESSION

11:15 am **INGUINAL HERNIA**

➤ Methods of access to the preperitoneal space in TEP **C.D. Narayanan (10')**

➤ TEP approach **C.D. Narayanan (10')**

➤ TAPP vs. TEP **A. Forgiione (10')**

11:45 am **CONTROVERSIES IN INGUINAL HERNIA CARE**

➤ Complications in inguinal hernia repair and their management **C.D. Narayanan (10')**

➤ The challenge of sports hernia **D. Mutter (10')**

➤ Strangulated inguinal hernia: open, laparoscopic, TEP or TAPP? **M. Ignat (10')**

5' Q&A session after each presentation

12:45 pm: Lunch at the Institute

Thursday October 10, 2024

AFTERNOON

Participants option A & B

01:30 – 05:30 pm: **THEORETICAL SESSION**

Chairmen: A. Park - A. D'Urso

Detailed review of robotic TAR and complications

01:30 pm **VENTRAL HERNIA: ANATOMY & EVALUATION**

A. Park (25')

- Anatomy of the abdominal wall
- Abdominal wall function

02:00 pm **ROBOTIC LIVE SURGERY**

F. Malcher (115')

04:00 pm **AWR APPROACHES**

- Management of the defect, to close or not to close, is it important?
- The eTEP/eTEP-TAR in AWR
- Seroma in ventral hernia: Why, when and how to treat?
- Botulinum toxin & AWR
- Management of rectus diastasis

A. D'Urso (10')

A. D'Urso (25')

M. Ignat (10')

P. Kim (10')

P. Kim (15')

05:45 pm **COMPLEX ABDOMINAL WALL DEFECTS**

H. Bougard (45')

- The Plastic Surgery perspective
- Reconstructive options
- Component Separation:
 - Open approach
 - Laparoscopic approach
- Place of abdominal wall expanders
- Muscle flaps: indication in abdominal wall repair

5' Q&A session after each presentation

06:30 pm: End of the session

08:00 pm: Dinner in honor of participants

Brasserie LES HARAS – 23 rue des Glacières – Strasbourg

Friday October 11, 2024

MORNING

INCISIONAL & VENTRAL HERNIA

Participants option A & B

07:45 am: Evaluation of the previous day

08:00 – 08:20 am: **LECTURE**

Chairmen: A. D'Urso – C.D. Narayanan

➤ Overview of Laparoendoscopic approaches **C.D. Narayanan (20')**

08:20 – 10:45 am: **PRE-RECORDED SURGERY**

from expert international centre

➤ Incisional hernia **M. Ignat (pre-record 70')**

➤ Ventral hernia **S. Morales Conde (pre-record 70')**

10:45 am: Coffee Break

11:00 am – 12:30 pm: **THEORETICAL SESSION**

11:00 am **ATYPICAL ABDOMINAL WALL DEFECTS** **S. Morales Conde (25')**

- Suprapubic hernia
- High epigastric hernia
- Lumbar hernia

11:30 am **FIXATION OF THE MESH** **S. Morales Conde (25')**

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

12:00 pm **CONTROVERSIAL DECISIONS / MANAGEMENT** **C.D. Narayanan (25')**

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

5' Q&A session after each presentation

12:30 pm: Group picture in the auditorium

12:45 pm: Lunch at the Institute

Friday October 11, 2024

AFTERNOON

Participants **OPTION B** only (**OPTION A: afternoon free**)

01:45 pm: Pre-lab session: Animal Anatomy and definition of procedures to be done (in the Auditorium)

02:00 – 06:30 pm: **PRACTICAL SESSION
HANDS-ON TRAINING ON LIVE TISSUE**

Faculty: expert rotation per table: D. Mutter - M. Vix - E. Reitano - P. Riva - B. Seeliger - F. Alexandre - A. Lapergola - A. D'Urso - M. Ignat - A. Forgione - B. Romain

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

06:30 pm: End of the session

Saturday October 12, 2024

MORNING

Participants option A & B

08:15 am: Welcoming of the participants

08:30 am – 12:00 pm: **THEORETICAL SESSION**

Chairmen: M. Ignat – S. Morales Conde – A. Park

08:30 am **SPECIAL HERNIAS**

THE PROBLEM OF PARASTOMAL HERNIA

B. Romain (45')

- Mechanism of occurrence / Therapeutic options
- Laparoscopic vs Open management options
- Prevention & Outcomes

➤ How to decide approach for very large hernias

S. Morales-Conde (20')

➤ Management of post operative peritonitis/bowel injury after AWR

M. Ignat (15')

➤ Place of negative pressure therapy

M. Ignat (20')

➤ Redo surgery after infection: time and techniques

M. Ignat (15')

10:30 am: Coffee Break

10:45 am **ABDOMINAL WALL REPAIR : FINAL THOUGHTS**

Quality of life after AWR when not to operate

A. Park (10')

11:00 am **HERNIA MESHES AND BIOMATERIALS: THE KEY MESH PROPERTIES**

O. Lefranc (45')

- 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

11:45 am **CLOSING LECTURE**

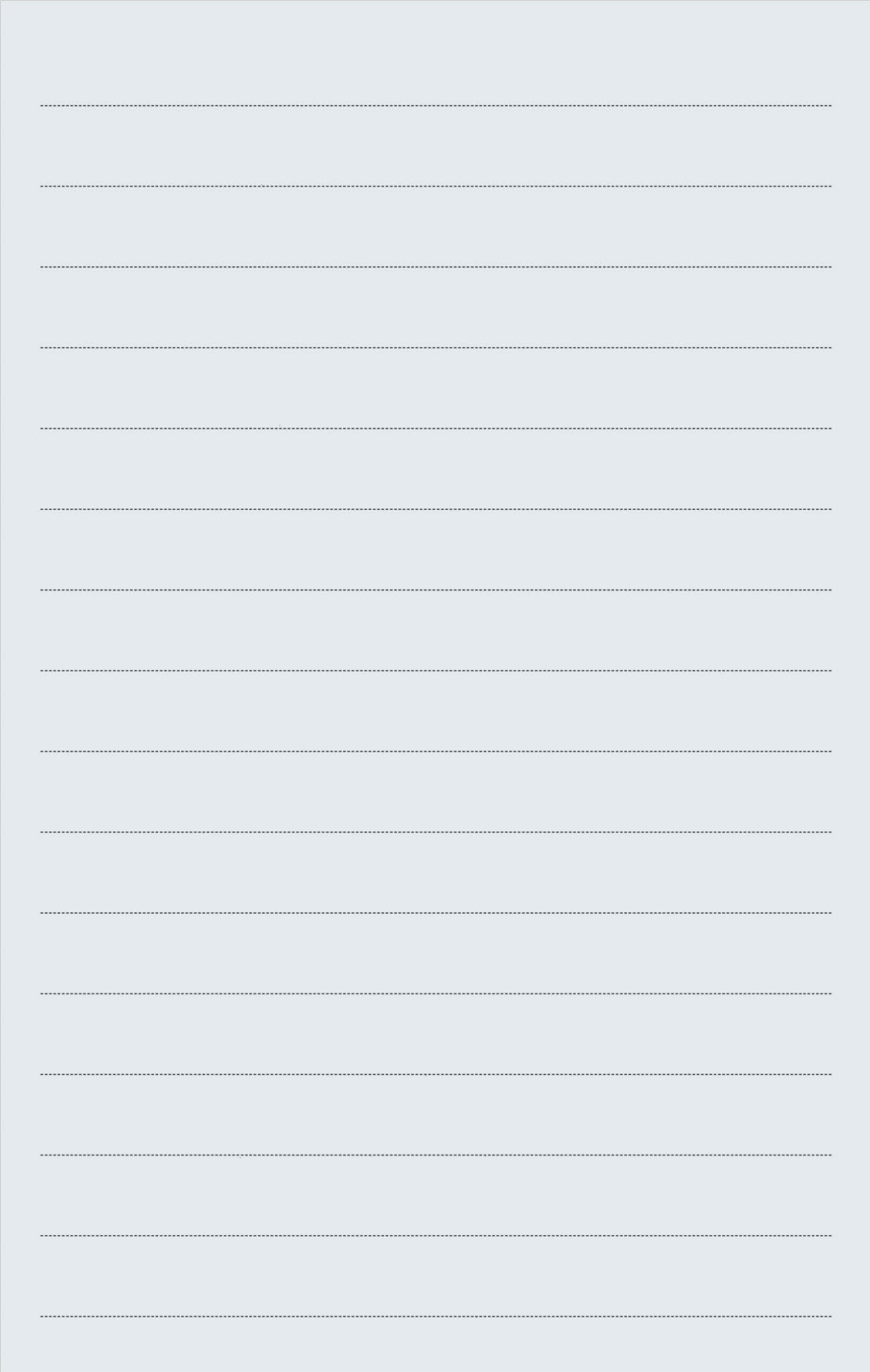
S. Morales Conde (15')

- Future trends in hernia surgery

5' Q&A session after each presentation

12:00 pm: Lunch at the Institute

End of the course - Delivery of certificates of attendance

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