

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

ADVANCED COURSE - MINIMALLY INVASIVE APPROACH & ROBOTIC INDICATIONS



ircad

2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Date

Course directors

OCTOBER 10 - 12

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

# HERNIA SURGERY

OCTOBER 10

7:45 am ○ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:00 am ● OPTIONS A AND B

## LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS

- TAPP – TEP – Anterior approach

10:00 am ● OPTIONS A AND B

## THEORETICAL SESSION

### INGUINAL HERNIA

- Classification and anatomy
  - TAPP
  - TEP
  - The best choice for your patient: approach / indication (anterior vs posterior / TAPP / TEP)
- ### CONTROVERSIES IN INGUINAL HERNIA CARE
- Management of strangulated hernia
  - The challenge of the sports hernia
  - Pain after inguinal hernia repair (origin, frequency, prevention, mesh removal)

1:00 pm ○ LUNCH AT THE INSTITUTE

2:00 pm ● OPTIONS A AND B

## THEORETICAL SESSION

### SPECIAL HERNIAS

#### THE PROBLEM OF PARASTOMAL HERNIA & OTHER ATYPICAL ABDOMINAL WALL DEFECT

- Mechanism of occurrence, therapeutic options, prevention & outcomes, atypical defects

#### ROBOTICS IN AWR

- Indication / application, debates on the use of the robot, inguinal hernia repair (pros & cons), AWR (pros & cons), unusual ventral hernias (pros & cons)

### HERNIA MESHES AND BIOMATERIALS

#### RATIONALE ON MESH CHOICE REGARDING TYPE AND HISTORY OF DEFECT

- Mesh fundamentals
- Evolving understanding of long-term mesh/human compatibility
- The liability minefield of mesh use by surgeons
- Future of hernia-focused biomaterial development
- Matching mesh performance to patient needs

#### CONSENSUS SESSION AND VOTE

- Type of repair regarding size, history, infection, BMI...

#### CHALLENGING SITUATIONS

- Laparoscopic and open challenging cases
- Management of rectus diastasis

6:00 pm ○ END OF SESSION

8:00 pm ○ DINNER IN HONOR OF THE PARTICIPANTS

# HERNIA SURGERY

OCTOBER 11

- 7:45 am ○ REGISTRATION AND WELCOMING OF THE PARTICIPANTS
- 8:00 am ● OPTIONS A AND B  
**LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS**
- Ventral hernia: robotic, laparoscopic and open approaches
- 11:00 am ● **THEORETICAL SESSION**  
**VENTRAL HERNIA**  
**ANATOMY & EVALUATION**
- Anatomy of the abdominal wall
  - Abdominal wall function
- SURGICAL TECHNIQUE**
- 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  
**FREE**
- OPTION B  
**HANDS-ON SESSION ON LIVE TISSUE**  
**LAPAROSCOPIC AND 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**

OCTOBER 12

- 7:45 am ○ EVALUATION OF THE PREVIOUS DAY
- 8:00 am ● OPTIONS A AND B  
**THEORETICAL SESSION**  
**PEDIATRIC ABDOMINAL WALL DEFECTS**  
**COMPLEX ABDOMINAL WALL DEFECTS**
- The plastic surgery perspective
  - Reconstructive options
  - Component separation
  - Loss of domain management
- ABDOMINAL WALL REPAIR: FINAL THOUGHTS**
- Place of negative pressure therapy
  - AWR: panniculectomy & cosmetic results
  - Quality of life after AWR, when not to operate
- EXTRAPERITONEAL & RETROMUSCULAR AWR TECHNIQUES**
- Inguinal hernias - evolution of TEP and other techniques
  - eTEP techniques for AWR
- CLOSING LECTURE**  
**CONCLUSION**
- Patient partnership in hernia health: new direction
- 12:00 pm ○ **END OF THE COURSE**  
**DELIVERY OF CERTIFICATES OF ATTENDANCE**