

# Monday, November 4 - 2024

## MORNING

07.45 am Registration

08.00 am Welcome - Introduction of faculty members

*J. Marescaux - 10'*

### ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

#### 08.10 am THEORETICAL SESSION

**Chairmen:** *A. Melani - S. Morales-Conde*

- The basics to start and develop a safe and effective laparoscopic colorectal program *A. Forgione - 10'*
- How to perform a laparoscopic right colectomy
  - o Medial to lateral *F. Corcione - 10'*
  - o Bottom to up *A. Forgione - 10'*
- Strategy for tumors in the transverse colon and splenic flexure *S. Morales-Conde - 10'*
- Safe colorectal anastomosis *S. Morales-Conde - 10'*
- How to perform a laparoscopic TME *A. Melani - 10'*
- Intraoperative complication *F. Corcione - 10'*
- Use of ICG in colorectal surgery: perfusion, lymphadenectomy and ureter identification *S. Morales-Conde - 10'*

**Debate & open discussion with the Experts after each presentation**

10.45-11.00 am **BREAK - Registration for University Diploma at reception desk**

#### 11.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS from Expert International Centre

**Chairmen:** *A. Melani - S. Morales-Conde*

- Laparoscopic right hemicolectomy *D. Mutter / F. Corcione - 40'*
- Laparoscopic TME *D. Mutter / A. Melani - 40'*
- Right colonic resection with D3 lymphadenectomy *S. Morales Conde - 40'*

**Debate & open discussion with the Experts after each presentation**

01.00-01.45 pm **LUNCH**

# Monday, November 4 - 2024

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## AFTERNOON

<b>01.45 pm</b>	<b>PRE-LAB SESSION - Description of procedures - 15'</b> <i>In auditorium</i>	<i>A. Forgione</i>
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<b>02.00 pm</b>	<b>HANDS-ON SESSION ON LIVE TISSUE</b>	<i>All participants</i>
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**Faculty:** *Experts rotation per table: A. Forgione - M. Vix - T. Layer - G. Spinoglio - A. Melani - S. Morales-Conde - A. D'Urso*

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### Training procedures

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|---|-----------------------|
| - Laparoscopic right colectomy                          | <i>Duration - 50'</i> |
| - Laparoscopic left colectomy                           | <i>Duration - 50'</i> |
| - Laparoscopic ileocolic anastomosis                    | <i>Duration - 40'</i> |
| - Laparoscopic end-to-end anastomosis                   | <i>Duration - 50'</i> |
| - Laparoscopic hand-sewn side-to-side bowel anastomosis | <i>Duration - 50'</i> |

<b>06.30 pm</b>	<b>END OF SESSION</b> Evening free
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# Tuesday, November 5 - 2024

## MORNING

07.45 am Welcoming of the participants

### ADVANCED LAPAROSCOPY FOR BENIGN & PROCTOLOGICAL DISEASES

#### 08.00 am THEORETICAL SESSION

**Chairmen:** P. Meinero - A. Melani - G. Naldini

#### Advanced laparoscopic surgery for benign disease

- State of the art of MIS in the treatment of chronic inflammatory diseases of the colon *A. Spinelli - 20'*
- Diverticular disease in emergency and elective conditions *A. Forgione - 10'*
- Colorectal endometriosis *A. Melani - 20'*
- Colonic resection for severe chronic constipation *A. Forgione - 10'*

#### Advanced minimal-invasive video-assisted procedure for proctological and pelvic floor diseases

- Endoscopic Pilonidal Sinus Treatment (EPSiT) *P. Meinero - 20'*
- Video-Assisted Anal Fistula Treatment (VAAFT) *P. Meinero - 20'*
- When and how to operate complex pelvic organ prolapses *G. Naldini - 30'*
- Future perspectives regarding anal fistula treatment *P. Meinero - 10'*

#### Debate & open discussion with the Experts after each presentation

10.45-11.00 am BREAK - Registration for University Diploma at reception desk

#### 11.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS from Expert International Centre

**Chairmen:** P. Meinero - A. Melani - G. Naldini

- Endoscopic Pilonidal Sinus Treatment (EPSiT) *D. Mutter / P. Meinero - 15'*
- Total colectomy by minimal invasive surgery for colonic IBD *A. Spinelli - 15'*
- Video-Assisted Anal Fistula Treatment (VAAFT) *P. Meinero - 15'*
- Treatment of complex pelvic organs prolapses *G. Naldini - 15'*
- Colorectal endometriosis *A. Melani - 15'*

#### Debate & open discussion with the Experts after each presentation

01.00-01.45 pm LUNCH

# Tuesday, November 5 - 2024

## AFTERNOON

<b>01.45 pm</b>	<b>PRE-LAB SESSION - Description of procedures - 15'</b> <i>In auditorium</i>	<i>A. Forgione P. Meinero</i>
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<b>02.00 pm</b>	<b>HANDS-ON SESSION ON LIVE TISSUE</b>	<i>All participants</i>
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**Faculty:** *Experts rotation per table: A. Forgione - P. Meinero - A. Melani - M. Vix - G. Naldini - A. Lapergola - E. Reitano - K. Mishima - A. D'Urso*

### Training procedures

- Laparoscopic right colectomy *Duration - 40'*
- Laparoscopic left colectomy *Duration - 40'*
- Laparoscopic ileocolic anastomosis *Duration - 40'*
- Laparoscopic end-to-end anastomosis *Duration - 40'*
- Laparoscopic mesh positioning for pelvic prolapse *Duration - 40'*
- VAAFT *Duration - 40'*
- EPSiT *Duration - 30'*

<b>06.30 pm</b>	<b>END OF SESSION</b> Evening free
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# Wednesday, November 6 - 2024

## MORNING

07.45 am Welcoming of the participants

### TRANSANAL & ROBOTIC COLORECTAL SURGERY

#### 08.00 am THEORETICAL SESSION

**Chairmen:** *M. Adamina - G. Spinoglio*

#### Transanal endoscopic surgery

- Historical roots, evolution and future perspective of transanal endoscopic surgery *X. Serra-Aracil - 10'*
- Essential surgical anatomy for TaTME *M. Ito - 10'*
- Transanal surgery for access, rescue and salvage: what every colorectal surgeon should master *P. Sylla - 10'*
- What's new in colorectal surgery? *P. Sylla - 10'*

#### Robotic techniques for right, left & rectal resection

- How to smoothly adopt robotic surgery in your practice *D. Koh - 10'*
- Robotic right colectomy: state-of-the-art *G. Spinoglio - 10'*
- Robotic left colectomy: technical steps and clinical outcomes *A. Melani - 10'*
- Robotic TME: results of my experience *G. Choi - 10'*
- Troubleshooting the robotic system – Tips from my experience *D. Koh - 10'*
- Robotic single port right and left colectomy *J. Marks - 10'*
- Major benefits of robotics in colorectal surgery in superobese patients *E. Parra Davila - 10'*

#### Debate & open discussion with the Experts after each presentation

10.45-11.00 am BREAK

#### 11.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

**Chairmen:** *M. Adamina - G. Spinoglio*

- TaTME for low rectal cancer *X. Serra-Aracil - 20'*
- Lateral pelvic node dissection and other extended surgery by trans-anal approach *M. Ito - 25'*
- Robotic sigmoidectomy *G. Spinoglio - 20'*
- Robotic single port suprapubic right hemicolectomy *G. Choi - 25'*
- Robotic single port low anterior resection for rectal cancer *G. Choi - 30'*

01.00-01.45 pm LUNCH

# Wednesday, November 6 - 2024

## AFTERNOON

01.45 pm	<b>PRE-LAB SESSION - Description of procedures - 15'</b> <i>In auditorium</i>	<i>A. Forgione P. Meinero</i>
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02.00 pm	<b>HANDS-ON SESSION ON LIVE TISSUE, VIRTUAL SIMULATORS &amp; PELVIC TRAINERS</b>	<i>All participants</i>
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**Faculty:** *Experts rotation per table: M. Adamina - A. Forgione - A. Melani - X. Serra Aracil - G. Spinoglio - M. Vix - A. Lapergola - A. D'Urso*

### Training procedures

1. **Robotic approach (virtual simulators & pelvic trainers)** **duration 30'**
  - Overview, set-up and hands-on testing the robotic system
    - Robot set-up
    - Robotic console basics
    - Virtual simulators manipulation
  
2. **Transanal approach (live tissue)**
  - Training on pelvic trainers for transanal surgery *duration - 50'*
  - Training on live tissue for transanal proctectomy *duration - 40'*
  
3. **Laparoscopic approach (live tissue)**
  - Laparoscopic right colectomy *duration - 50'*
  - Laparoscopic left colectomy *duration - 50'*
  - Laparoscopic ileocolic anastomosis *duration - 50'*

06.30 pm	<b>END OF SESSION</b>
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08.00 pm	<b>EXPERTS &amp; PARTICIPANTS' DINNER</b>
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# Thursday, November 7 - 2024

## MORNING

07.45 am Welcoming of the participants

### ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY

#### 08.00 am THEORETICAL SESSION

**Chairmen:** X. Serra-Aracil - G. Costamagna

#### Basic and advanced flexible operative endoscopy

- The evolving role of flexible operative endoscopy to treat early colorectal tumors *G. Costamagna - 10'*
- Tips, tricks and technologies to deal with large colonic lesions in different colonic locations *G. Costamagna - 10'*
- Transanal Endoscopic Microsurgery (TEM) vs. ESD: is it still the best option for very large rectal tumors? *X. Serra Aracil - 10'*
- Robotic Single Port for Transanal Endoscopic Microsurgery *J. Marks - 10'*
- The use of endoscopic stents for stenotising colorectal tumors: long-term oncological outcomes *X. Serra Aracil - 10'*

#### Debate & open discussion with the Experts after each presentation

10.45-11.00 am BREAK

#### 11.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS from Expert International Centre

**Chairmen:** X. Serra-Aracil - G. Costamagna

- Transanal Endoscopic Microsurgery (TEMS) for large rectal lesions *D. Mutter / X. Serra Aracil - 50'*
- Combined endoscopic laparoscopic resections *X. Serra Aracil - 50'*
- ESD procedures for right and left colonic lesions *G. Costamagna - 50'*

12.50-01.00 pm GROUP PICTURE

01.00-01.45 pm LUNCH

# Thursday, November 7 - 2024

## AFTERNOON

01.45 pm	<b>PRE-LAB SESSION - Description of procedures</b> <i>In auditorium</i>	<i>A. Forgione G. Costamagna</i>
02.00 pm	<b>HANDS-ON SESSION ON LIVE TISSUE, VIRTUAL SIMULATORS &amp; PELVIC TRAINERS</b>	<i>All participants</i>

**Faculty:** *Experts rotation per table: M. Vix - G. Costamagna - A. Forgione - A. Melani - X. Serra-Aracil - G. Spinoglio - A. Kock - T. Layer - A. Grollemund - A. Lapergola - A. D'Urso*

### Training procedures

1. **Robotic approach (virtual simulators & pelvic trainers)** *duration 30'*
  - Overview, set-up and hands-on testing the robotic system
    - Robot set-up
    - Robotic console basics
    - Virtual simulators manipulation
  
2. **Flexible operative endoscopy (live tissue)**
  - Basic training with flexible endoscopes *duration - 40'*
  - Endoscopic applications of clips, Endoloops *duration - 40'*
  - Endoscopic polypectomy, EMR, ESD *duration - 40'*
  
3. **Laparoscopic approach (live tissue)**
  - Laparoscopic right colectomy *duration - 40'*
  - Laparoscopic left colectomy *duration - 40'*
  - Laparoscopic ileocolic anastomosis *duration - 40'*

## PROFICIENCY TEST

*(only for surgeons who applied for the University Diploma)*

- **University Diploma validating procedure:**  
Small bowel and colonic resection / anastomoses

06.30 pm	<b>END OF SESSION</b> Evening free
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# Friday, November 8 - 2024

## MORNING

07.45 am Welcoming of the participants

**08.00 am UNIVERSITY DIPLOMA PROFICIENCY TEST**  
(only for surgeons who applied for the University Diploma)

*D. Mutter*  
*A. Forgione*

- Multiple choice questionnaire for the University Diploma (Duration: 1 hour)

### MULTIMODAL TREATMENTS, NEW TECHNOLOGIES, INTERACTIVE DISCUSSION

09.00-09.05 am BREAK

**09.05 am THEORETICAL SESSION**

*Chairmen: R.J. Heald - A. Melani*

#### Modern multimodal treatment of colorectal cancer

- Transanal vs. laparoscopic total mesorectal excision for mid and low rectal cancer *X. Serra-Aracil - 10'*
- Lateral nodes dissection in rectal cancer: are we missing something in Western countries? *G. Choi - 10'*
- Neoadjuvant chemoradiotherapy + TEM as a new strategy in the treatment of rectal cancer *X. Serra Aracil - 10'*
- How to properly start a "watch and wait" program in your practice *A. Forgione - 10'*

10.45-11.00 am COFFEE BREAK

#### New technologies

- 3D virtual reconstruction for preoperative planning in colorectal surgery: safer and more effective? *L. Soler - 15'*
- Augmented reality for intraoperative guidance in colorectal surgery: where are we? *L. Romagnolo - 10'*
- Digital apps to improve outcomes in colorectal surgery *A. Forgione - 10'*
- Robotic Single Port for totally transanal rectal resection *J. Marks - 10'*
- New surgical robots on the horizon *B. Seeliger - 10'*

#### Evolution of ERAS concept

- From ERAS program to outpatient procedure and home-connected follow-up: a 5-year experience *P. Chasserant - 10'*

**Debate & open discussion with the Experts after each presentation**

01.00 pm CLOSING LECTURE

*R.-J.Heald - 15'*

01.15-02.00 pm LUNCH

# Friday, November 8 - 2024

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## AFTERNOON

### 02.00 pm THEORETICAL SESSION

*Chairmen: R.J. Heald - A. Forgione - A. Melani*

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#### Interactive discussion with experts around interesting cases

- Rectum
- Colon
- Endometriosis
- Diverticular disease
- Emergency surgery
- Colonic occlusion

### 05.45 pm CLOSING REMARKS & FAREWELL

*J. Marescaux*

### 06.00 pm END OF COURSE DELIVERY OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES