



# BASIC GASTROINTESTINAL ENDOSCOPY PROGRAMME

2025

DATE

**APRIL 28 - 30**

COURSE DIRECTOR

**G. Costamagna (IT)**

DEPUTY COURSE DIRECTORS

**J. Devière (BE)**

**M. Giovannini (FR)**

**H. Neuhaus (DE)**

## COURSE OBJECTIVES

- To provide the basic knowledge required for the safe use of gastrointestinal endoscopy
- To describe all technical and physiological principles of gastrointestinal endoscopy
- To critically review the most common endoscopic procedures
- To learn or improve endoscopic skills by repeatedly handling the endoscope and performing polypectomy and hemostatic procedures, becoming confident with capsule endoscopy during hands-on sessions

## 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)*



*This course is endorsed by the European Society of Gastrointestinal Endoscopy (ESGE)*



**WEO**

World Endoscopy  
Organization

*IRCAD is a World Endoscopy Organization (WEO) recognized  
Training Center*



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**ACCREDITED EDUCATION INSTITUTES**  
ENHANCING PATIENT SAFETY THROUGH SIMULATION

ACCREDITED EDUCATION INSTITUTE

## COURSE DIRECTOR

Guido Costamagna <sup>IT</sup>

*Ospedale Isola Tiberina – Gemelli Isola, Rome, Italy*

## DEPUTY COURSE DIRECTORS

Jacques Devière <sup>BE</sup>

*Hospital Erasme, Brussels, Belgium*

Marc Giovannini <sup>FR</sup>

*IRCAD, Strasbourg, France*

Horst Neuhaus <sup>DE</sup>

*Interdisciplinary Clinic RKM740, Duesseldorf, Germany*

## FACULTY PANEL AND TRAINERS

Fabrice Caillol <sup>FR</sup>

*Institut Paoli Calmettes, Marseille, France*

Pietro Familiari <sup>IT</sup>

*Policlinico Gemelli, Rome, Italy*

Domenico Galasso <sup>CH</sup>

*Hôpital Riviera-Chablais, Rennaz, Switzerland*

Sébastien Godat <sup>CH</sup>

*CHUV, Lausanne, Switzerland*

Mostafa Ibrahim <sup>EG</sup>

*Université Libre de Bruxelles, Brussels, Belgium*

Petko Karagyozov <sup>BG</sup>

*Acibadem City Clinic University Hospital Tokuda, Sofia, Bulgaria*

Martin Keuchel <sup>DE</sup>

*Agaplesion Bethesda Krankenhaus Bergedorf, Hamburg, Germany*

Luigi Papparella <sup>IT</sup>

*Ospedale Isola Tiberina – Gemelli Isola, Rome, Italy*

Cristiano Spada <sup>IT</sup>

*Università Cattolica del Sacro Cuore, Rome, Italy*

*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*

## MONDAY APRIL 28, 2025

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7:45 AM Registration and welcoming of participants

8.00 AM Welcome & introduction

*G. Costamagna*

### **8.00 AM-1.00 PM THEORETICAL SESSION**

*Moderators: G. Costamagna – C. Spada*

#### **8:00-8:30 AM**

##### **Introduction to Endoscopy**

- Informed consent for gastrointestinal endoscopy, patient preparation and sedation (15')

*P. Familiari*

- Electrosurgical principles for endoscopy (15')

*G. Costamagna*

#### **8.30-10.30 AM**

##### **Upper Gastrointestinal Endoscopy**

- Instrumentation, Technique and identification of landmarks (with Videos) (20')

*P. Familiari*

- Common pathologies for Upper GI Endoscopy (Videos)

- Cancers, Polyps, Submucosal Lesions (15')
- Ulcers and Hemorrhage (15')
- GERD and Barrett's Esophagus (15')
- Varices (15')

*F. Caillol*

*F. Caillol*

*M. Giovannini*

*M. Ibrahim*

- When and how to take biopsies (10')

*P. Familiari*

- AI and Upper GI Endoscopy (20')

*C. Spada*

10:30 AM Coffee break

#### **11.00 AM-1.00 PM**

##### **Colonoscopy**

- Preparation, Indications and Contraindications, Instrumentation (15')

*C. Spada*

- Technique (with Videos) (15')

*C. Spada*

- Scope Insertion
- Scope Withdrawal
- Complications

- Common Pathologies of the Lower GI tract

*P. Karagyozov*

- Cancer (10')
- Polyps (10')
- Inflammatory Bowel Diseases (10')
- Angiodysplasia (10')
- Diverticulosis (10')



- When and how to take biopsies (10')
- Quality Measures (10')
- Artificial Intelligence in Colonoscopy (10')

*F. Caillol*

*C. Spada*

*C. Spada*

1:00 PM Lunch at the institute

**2:00-5.30 PM EXPERIMENTAL LABORATORY**

Hands-on Training simulators on ex-vivo models

05:30 PM End of session

08:00 PM Dinner in honor of the participants  
*Brasserie LES HARAS – 23 rue des Glacières – Strasbourg*

## TUESDAY APRIL 29, 2025

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07:45 AM Evaluation of the previous day

### **8.00 AM-1.00 PM THEORETICAL SESSION**

Moderators: G. Costamagna – M. Giovannini

#### **8:00-10:30 AM**

##### **Small Bowel (Wireless Capsule Endoscopy)**

- Technology, Setting and preparation, Indications and Contraindications (15') *C. Spada*
- Common Pathologies (30') *M. Keuchel*
- Reading a VCE study (10') *C. Spada*
- Artificial Intelligence and VCE (10') *C. Spada*

##### **Small Bowel (Enteroscopy)**

- Indications and contraindications (10') *C. Spada*
- Enteroscopy Techniques and complications (20') *M. Keuchel*
- Common Pathologies of the Small Bowel (20') *M. Keuchel*
  - Angiodysplasia
  - Crohn's Disease
  - Mucosal lesions
  - Tumors
  - Polyps

10:30 AM Coffee break

#### **11:00-1:00 PM**

##### **Upper GI Emergencies**

- Upper GI Bleeding (30') *L.G. Papparella*
  - Timing of endoscopy
  - Preparation of the patient
  - Medical therapy
  - Classification of bleeding
- Techniques of Hemostasis in Ulcer Bleeding (30') *S. Godat*
  - Injection
  - Monopolar and Bipolar coagulation
  - Argon Plasma Coagulation (APC)
  - Clips
  - Powders and hemostatic agents

- Techniques of Hemostasis in Variceal Bleeding (30')

*M. Ibrahim*

- Sclerotherapy
- Band ligation
- Glue injection
- Powders and hemostatic agents

- Foreign Bodies Retrieval (15')

*D. Galasso*

- Caustic Ingestion (15')

*D. Galasso*

- Classification of caustic agents
- Timing of Endoscopy
- Classification of caustic injuries

1:00 PM    Lunch at the institute

**2:00-5.30 PM      EXPERIMENTAL LABORATORY**

Hands-on Training simulators on ex-vivo models, and VCE stations

05:30 PM    End of session

## WEDNESDAY APRIL 30, 2025

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07:45 AM Evaluation of the previous day

### **8.00 AM-12.00 PM THEORETICAL SESSION**

Moderators: *F. Caillol – M. Giovannini*

**8:00-9:30 AM**

#### **Polypectomy**

- Technique of Upper GI Polypectomy and Mucosal Resection

- Esophagus (30')
- Stomach (30')
- Duodenum (30')

*M.Giovannini*

*P. Familiari*

*S. Godat*

9:30 AM Coffee break

**10:00 AM-12.00 PM**

-Technique of Colonic Polypectomy

- Cold and hot Snare Polypectomy (30')
- Submucosal Injection: when and how (10')
- Techniques to prevent bleeding (20')
  - Stalk injection
  - Endoloop
  - Clipping
- EMR, ESD and Underwater mucosal resection (U-EMR) (30')
- Tattooing: when and how (10')
- Resection site closure: when and how (10')

*P. Karagyozov*

*L.G. Papparella*

*F. Caillol*

*L.G. Papparella*

*D. Galasso*

*D. Galasso*

12:00 PM Lunch at the institute

**1:00-4.00 PM**

#### **EXPERIMENTAL LABORATORY**

Hands-on Training on live tissue

4:00 PM End of the course

Delivery of certificates of attendance