

# BASIC GASTROINTESTINAL ENDOSCOPY DIAGNOSTIC AND THERAPEUTIC APPROACH

BASIC COURSE

**ircad**  
France  
STRASBOURG  
UNIVERSITY



DATE

**MARCH 16 - 18**

COURSE DIRECTORS

**G. Costamagna (IT)**  
**M. Giovannini (FR)**

DEPUTY COURSE DIRECTORS

**J. Devière (BE)**  
**H. Neuhaus (DE)**

**7:45 am | REGISTRATION AND WELCOMING OF THE PARTICIPANTS**

**8:00 am | THEORETICAL SESSION AND VIDEO SESSIONS**

**INTRODUCTION TO ENDOSCOPY**

- Informed consent for gastrointestinal endoscopy patient preparation and sedation
- Electrosurgical principles for endoscopy

**UPPER GASTROINTESTINAL ENDOSCOPY**

- Instrumentation, technique and identification of landmarks (with videos)
- Video session on common pathologies in upper GI endoscopy: cancers, polyps, submucosal lesions; ulcers and bleeding; Barrett's esophagus; portal hypertension

**COLONOSCOPY**

- Preparation, indications and contraindications, instrumentation
- Technique of colonoscopy (with videos): role of AI; complications
- Video session on common pathologies of the lower GI tract: cancer; polyps; inflammatory bowel diseases; angiodysplasia; diverticulosis

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION WITH DRY-LAB SIMULATORS, EX VIVO TISSUE AND LIVE TISSUE (MINI-PIGS)**

**6:00 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 | THEORETICAL SESSION AND VIDEO SESSIONS**

**SMALL BOWEL ENDOSCOPY / ENTEROSCOPY**

- Small bowel evaluation (wireless capsule endoscopy)
- Enteroscopy techniques and complications
- Video session on common pathologies of the small bowel (capsule + enteroscopy): angiodysplasia; Crohn's disease; mucosal lesions; tumors; polyps
- Other indications of enteroscopy: failure of colonoscopy; biliopancreatic diseases and altered anatomy

**UPPER GI EMERGENCIES**

- Upper GI bleeding: timing of endoscopy; preparation of the patient; medical therapy; classification of bleeding; techniques of hemostasis in ulcer bleeding
- Techniques of hemostasis in variceal bleeding: band ligation; glue injection; coiling; powders and hemostatic agents
- Techniques of hemostasis in lower GI bleeding

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION WITH DRY-LAB SIMULATORS, EX VIVO TISSUE AND LIVE TISSUE (MINI-PIGS)**

**6:00 pm | END OF SESSION EVENING FREE**

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

**8:00 am** | **VIDEO SESSION**

- Techniques for polypectomy, EMR, ESD and underwater mucosal resection (U-EMR)
- Techniques for tattooing and resection site closure

**11:00 am** | **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**

**1:00 pm** | **LUNCH AT THE INSTITUTE**

**2:00 pm** | **HANDS-ON SESSION WITH DRY-LAB SIMULATORS, EX VIVO TISSUE AND LIVE TISSUE (MINI-PIGS)**

- Band ligation
- Injection
- Polypectomy
- EMR, ESD
- Clipping
- Hemostatic procedures

**5:00 pm** | **END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE**