

# BASIC GASTROINTESTINAL ENDOSCOPY DIAGNOSTIC AND THERAPEUTIC APPROACH

BASIC COURSE

DATE

**MARCH 15 - 17**

COURSE DIRECTORS

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# 2027



**ircad**  
France

STRASBOURG  
UNIVERSITY

# MARCH 15

7:45 AM | REGISTRATION AND WELCOMING OF PARTICIPANTS

8:00 AM | THEORETICAL AND VIDEO SESSION

## 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
- Common pathologies in upper GI endoscopy:
  - Common pathologies (esophagus, stomach and duodenum)
  - Portal hypertension
  - How to manage an esophagus stenosis
  - How to place an endoscopic gastrostomy

## COLONOSCOPY

- Preparation, indications and contraindications, instrumentation
- Role of AI
- Complications
- Common pathologies of the lower GI tract:
  - Cancer
  - Polyps
  - Inflammatory bowel diseases
  - Angiodysplasia
  - Diverticulosis

1:00 PM | LUNCH AT IRCAD

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

6:00 PM | END OF SESSION

8:00 PM | DINNER IN HONOR OF THE PARTICIPANTS

## MARCH 16

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

### 8:00 AM | THEORETICAL 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)

#### INTRODUCTION TO ERCP

- Anatomy and cannulation of the biliary and pancreatic ducts
- Indications of ERCP
- Endoscopic sphincterotomy
- Biliary and pancreatic stenting

#### 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 IRCAD

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

SAME HANDS-ON PROCEDURES  
AS MARCH 15 (PAGE 7)

6:00 PM | END OF SESSION  
EVENING FREE

## MARCH 17

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

### 8:00 AM | VIDEO SESSIONS

- 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 IRCAD

### 1:30 PM | HANDS-ON SESSION WITH DRY-LAB SIMULATORS, EX VIVO TISSUE AND LIVE TISSUE (MINI-PIGS)

SAME HANDS-ON PROCEDURES  
AS MARCH 15 (PAGE 7)

5:00 PM | END OF THE COURSE  
DELIVERY OF CERTIFICATES OF  
ATTENDANCE