



GASTROINTESTINAL ENDOSCOPY

February 25 - 27, 2026

3-DAY BASIC COURSE



IRCAD AFRICA : THE AFRICAN CENTER OF EXCELLENCE IN MINIMALLY INVASIVE SURGERY



With the launch of IRCAD Africa in 2023, we are thrilled to provide hands-on training in minimally invasive surgery. IRCAD (Research Institute against Digestive Cancer).

The Institute looks forward to receiving trainees from around the continent as well as other corners of the globe.

The center is proud to feature state-of-the-art, fully equipped facilities, including an advanced surgical laboratory and an auditorium. These cutting-edge facilities are equipped with modern technology, such as high-definition imaging systems, to provide realistic and immersive training experiences.

IRCAD Africa provides comprehensive training. Not only a center for minimally invasive surgery, we look forward to host various medical conferences. IRCAD Africa provides comprehensive training programs that encompass various surgical specialties. These programs are specifically designed to offer surgeons hands-on training, theoretical knowledge, and practical experience.

In addition to its carefully designed training programs, IRCAD leading experts in the field of minimally invasive surgery serve as faculty members and trainers. These world-renowned experts bring their extensive experience and knowledge to the training programs, ensuring that participants receive top-quality education and mentorship.

COURSE CANCELLATION POLICY

If you wish to cancel or postpone your registration, please inform us via email at **courses@ircad.africa**

Any cancellation or postponement of a course must be received at least 8 weeks prior to the start of the course



FEB 25

WEDNESDAY
7:45 AM - 6:00 PM

7:45 AM

Registration and welcoming of the participants

8:00 AM

Introduction to Endoscopy

G. Costamagna

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

9:50 AM

Upper Gastrointestinal Endoscopy

M.Giovannini

- Instrumentation, technique, and identification of landmarks (with videos) (20')
- Common pathologies for upper GI endoscopy (with videos): Cancers, Polyps, Submucosal Lesions (15'), Ulcers and Hemorrhage (15'), GERD and Barrett's Esophagus (15'), Varices (15')

10:30 AM

COFFEE BREAK

11:00 AM

Colonoscopy

- Preparation, indications and contraindications, instrumentation (15')
- Technique (with videos) (15'): Scope Insertion, Scope Withdrawal, Complications
- Common pathologies of the lower GI tract: Cancer (10'), Polyps (10'), Inflammatory Bowel Diseases (10'), Angiodysplasia (10'), Diverticulosis (10')
- When and how to take biopsies (10')
- Artificial intelligence in colonoscopy (10')

G. Costamagna

G. Costamagna

I. Dadamassi

N. El-Domiaty

N. El-Domiaty

1:00 PM

LUNCH BREAK

2:30 PM

EXPERIMENTAL LABORATORY

Hands-on Training on dry-lab simulators and toolbox

6:00 PM

END OF SESSION



FEB 26

THURSDAY
7:45 AM - 6:00 PM

7:45 AM

Evaluation of previous day

8:00 AM

Polypectomy

- Technique of Upper GI Polypectomy and Mucosal Resection :
- Technique of Colonic Polypectomy :
- Colo-rectal EMR , ESD and Underwater mucosal resection (U-EMR)

M.Giovannini

G.Costamagna

G.Costamagna

9:30 AM

COFFEE BREAK

10:00 AM

GI EMERGENCIES

Upper GI Emergencies :

- Upper GI Bleeding (30'): Timing of endoscopy, Preparation of the patient, Medical therapy, Classification of bleeding
- Techniques of Hemostasis in Ulcer Bleeding (30'): Injection, Monopolar and Bipolar coagulation, Argon Plasma Coagulation (APC), Clips, Powders and hemostatic agents
- Techniques of Hemostasis in Variceal Bleeding (30'): Sclerotherapy, Band ligation, Glue injection and Coiling, Powders and hemostatic agents
- Foreign Bodies Retrieval (15')
- Caustic Ingestion (15'): Classification of caustic agents, Timing of Endoscopy, Classification of caustic injuries
- Lower GI Bleeding (30'): Timing of endoscopy, Preparation of the patient, Medical therapy, Classification of bleeding
- Causes of Lower GI Bleeding- (30')
- How to manage a Lower GI Bleeding (30')

N. El-Domiaty

EL-Domiaty

I. Dadamassi

I. Dadamassi

1:00 PM

LUNCH BREAK

2:30 PM

EXPERIMENTAL LABORATORY

Hands-on Training on dry-lab simulators and toolbox and VCE stations

6:00 PM

END OF SESSION



FEB 27

FRIDAY
7:45 AM - 6:00 PM

7:45 AM

Introduction to ERCP

9:00 AM

Material and accessories for ERCP
Normal bilio-pancreatic anatomy

M.Giovannini

RECORDED OPERATIVE DEMONSTRATION

How to learn basis of ERCP

G.Costamagna

10:30 AM

COFFEE BREAK

11:00 AM

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

G.Costamagna

G.Costamagna

RECORDED OPERATIVE DEMONSTRATION

Group picture in the auditorium

1:00 PM

Lunch Break

2:00 PM

EXPERIMENTAL LABORATORY
Hands-on Training on ERCP models

5:30 PM

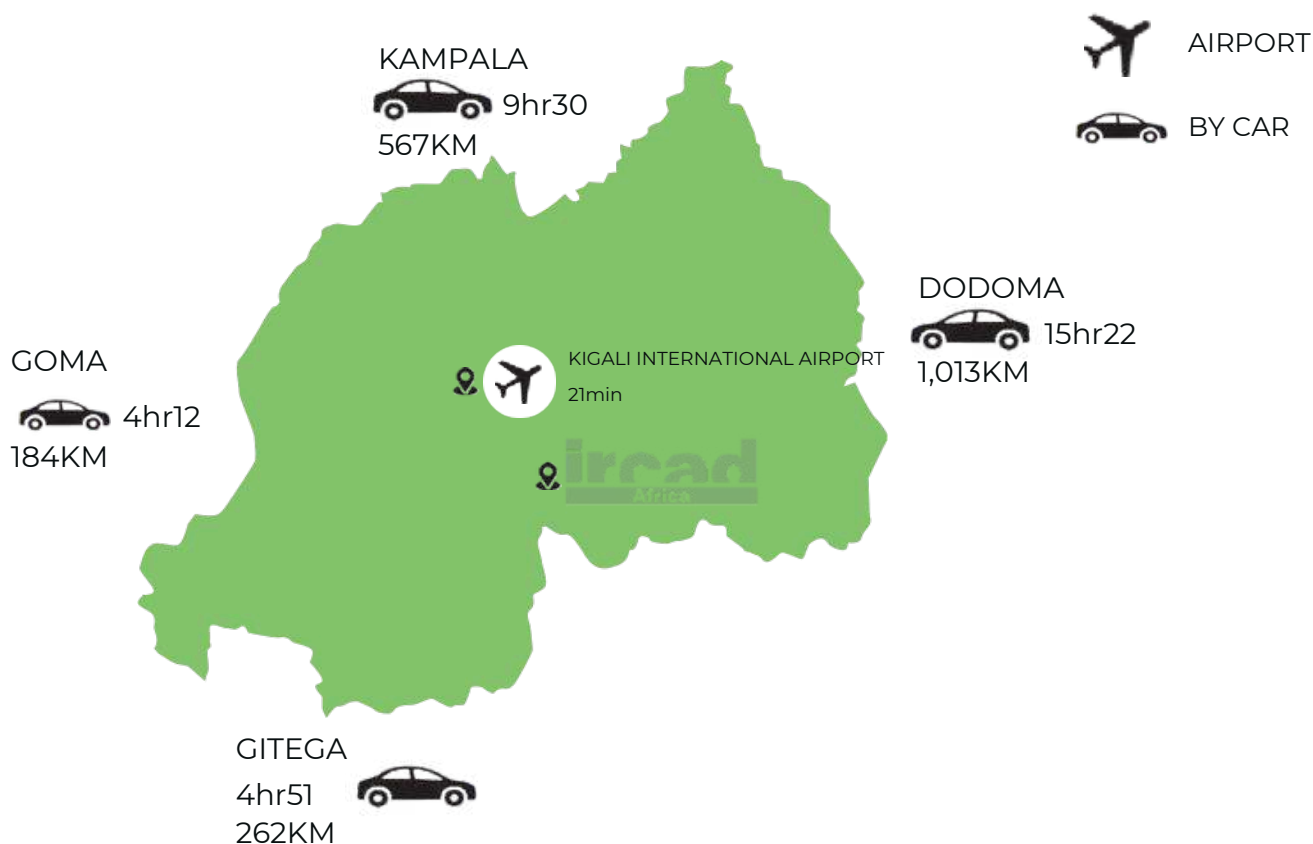
END OF SESSION

5:00 PM

DINNER IN HONOR OF THE PARTICIPANTS

HOW TO GET TO IRCAD AFRICA

GETTING TO THE INSTITUTE COULDN'T BE EASIER



KIGALI INTERNATIONAL AIRPORT TO IRCAD AFRICA 21min (12KM)

IRCAD AFRICA PARTNER HOTELS

Phoenix Apartment

15min (9.4KM)

phoenixapartment.rw

Radisson Hotel

35min (14KM)

Radissonhotels.com



MEMBERS
+500,000

VIDEOS
+5,000

AUTHORS
+3,000

LANGUAGES
7

online university of the IRCAD, specialized in

WebSurg (World Electronic Book of Surgery) is a **free online university created by IRCAD** for surgeons, by surgeons. It has become the leading international online reference for training in minimally invasive surgery, boasting over 500,000 members worldwide and offering more than 5,000 videos across 10 different specialties. Register now to access this extensive resource and enhance your surgical skills.



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