



# LAPAROSCOPIC UROLOGY COURSE

5-DAY ADVANCED COURSE

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**May 5th - 9th, 2025**



## 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](mailto:courses@ircad.africa)

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



# May 5

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**8:00 AM** Registration

**8:30 AM** Welcoming participants

## THEORETICAL SESSION

### **8 :45 AM Anesthesia:**

- Principles and specificities of anesthesia for laparoscopic surgery

### **9:45 AM Operating Theater and Equipment:**

- Theater set up, Laparoscopic towel unit
- Choice of equipment, Conventional laparoscopic instrumentation and micro-instruments
- Energy devices in laparoscopy (Electrosurgery and ultrasonic dissections)

### **10:45 AM Coffee Break**

### **11:15 AM Basic principles of Laparoscopic surgery:**

- Laparoscopic approaches in Urology
- Anatomical landmarks, Positioning of Trocars
- Patient positioning (Pelvic surgery, renal surgery) inguinal Hernia

### **12:15 AM Basic principles of Laparoscopic surgery:**

- Modalities of Training in Laparoscopy and Presentation of the exercises
- Suturing technics, Needle holding and knot tying (Recorded Video)

### **1:00 PM Lunch Break**

## EXPERIMENTAL LABORATORY / PELVIC – TRAINOR

### **2:00 PM Basics of Laparoscopy – Pelvic-Trainor Exercises**

- Instruments manipulation, target exercise
- Moving a target from Left to right and right to the left
- Wire passage
- Cutting a circle

**5:00 PM** End of the day session

# May 6

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**8:00 AM** Evaluation of the previous day

## **THEORETICAL SESSION**

**8:15 AM** Pneumoperitoneum (open coelio and Verres needle)

Positioning of trocars  
Transperitoneal access  
Retroperitoneal access

**8:15 AM** Management of general, digestive and vascular complications :  
**Arterial bleeding, venous bleeding, bowel injuries. How to manage? How to prevent?**

**10:45 AM** Coffee Break

**11:15 AM** Varicoceles, Abdominal testes

- Laparoscopic Varicocelectomy
- Laparoscopic Orchidopexy
- Laparoscopic Orchiectomy

**12:00 PM** Lunch Break

## **EXPERIMENTAL LABORATORY / Pelvic Trainor**

**1:00 PM** Basics of Laparoscopy – Pelvic-Trainor Exercises

- Knottting
- Needle guiding
- Suturing techniques

**5:00 PM** End of the day session

**7:30 PM** Expert Dinner

# May 7

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**8:15 AM** Evaluation of the previous day

## **THEORETICAL SESSION**

**8:30 AM Laparoscopic Pelvic surgery**

- Pelvic nodes dissection for Prostate Cancer
- Ureterolysis

**10:00 AM Coffee Break**

**10:30 AM Laparoscopic Nephrectomy**

### **Pre-recorded operative session**

- Right Nephrectomy
- Left Nephrectomy

**12:00 PM Lunch Break**

## **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

**1:00 PM Laboratory Experimental Exercises on live tissue**

- Pelvic Lymphnodes dissection for Prostate Cancer
- Ureterolysis
- Nephrectomy

**5:00 PM** End of the day session

# May 8

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**8:15 AM** Evaluation of the previous day

## **THEORETICAL SESSION**

**8:30 AM** Laparoscopic Pyeloplasty

**10:00 AM** Coffee Break

**10:30 AM** Live / Semi – Live

- Laparoscopic Pyeloplasty

**12:30 PM** Lunch Break

## **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

**1:00 PM** Exercise on live tissue

- Ureterolysis
- Pyeloplasty
- Cystostomy repair

**5:00 PM** End of the day session

**7:30 PM** Experts-Participants Dinner

# May 9

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**8:15 AM** Evaluation of the previous day

## **THEORETICAL SESSION**

**8:30 AM** Laparoscopic Surgery and Safety

**9:00 AM** Evaluation – Pelvic Trainor

**10:30 AM** Coffee Break

**11:00 AM** Live / Semi – Live Surgery

- Laparoscopic varicocelectomy

**12:00 PM** Evaluation QCMs

**1:00 PM** Lunch Break

## **EXPERIMENTAL LABORATORY**

**2:00 PM** Exercise on live tissue

**5:00 PM** Course Certification  
End of the course





# 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

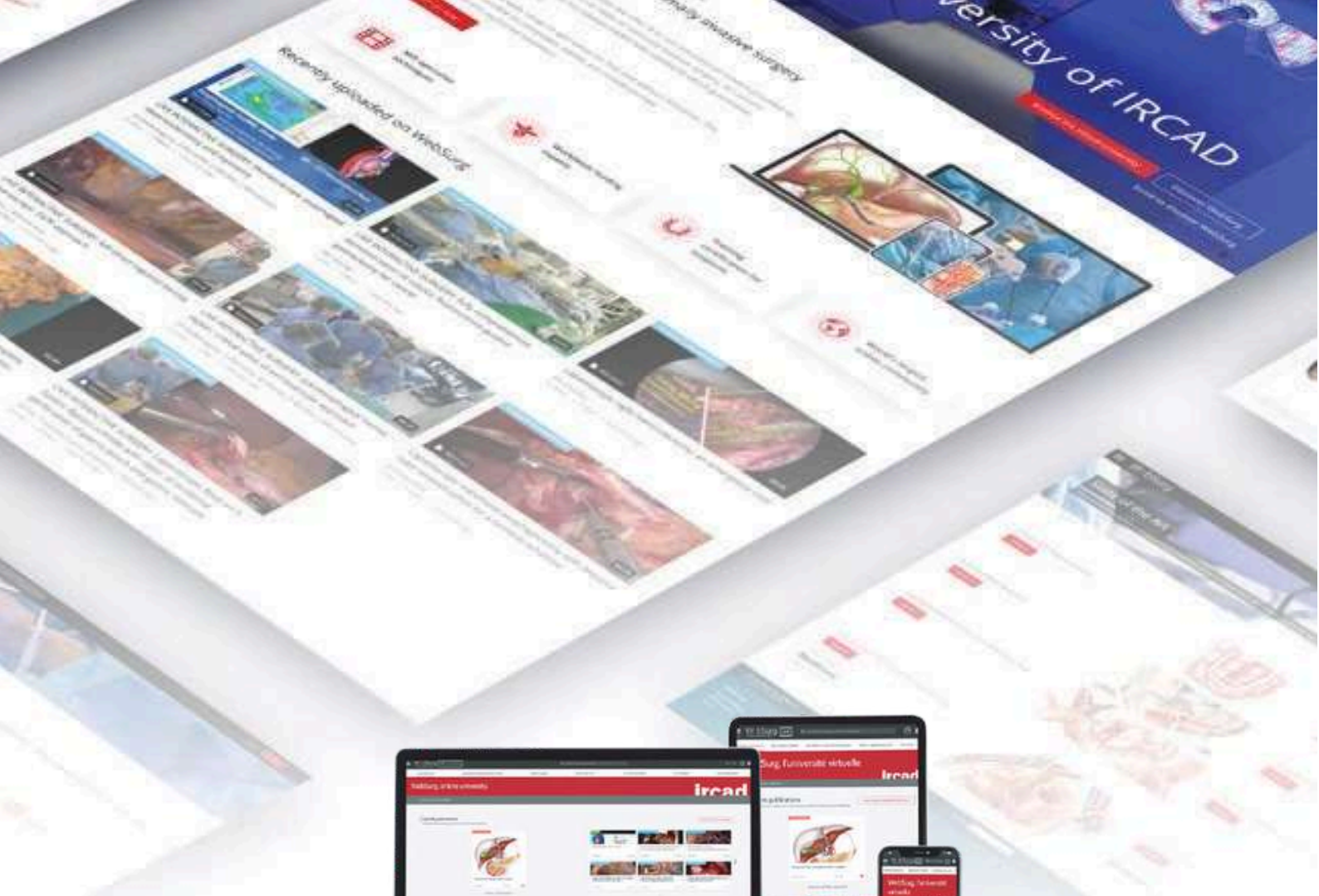
**15min (9.4KM)**

[phoenixapartment.rw](http://phoenixapartment.rw)

Radisson Hotel

**35min (14KM)**

[Radissonhotels.com](http://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 the **charge-free online university IRCAD** created by surgeons for surgeons. It has become the international online reference for surgical training in minimally invasive surgery with more than **5 00,000 members** worldwide and more than **5,000 videos** available in 10 different specialties.

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