



# LAPAROSCOPIC UROLOGY COURSE

5-DAY ADVANCED COURSE

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**NOVEMBER 10 - 14 , 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

# Nov 10

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**8:00 AM** Registration and welcoming of the participants

**8:15 AM** Welcoming participants

## THEORETICAL SESSION

**8 :30 AM Anesthesia:**

- Principles and specificities of anesthesia for laparoscopic surgery

**9:30 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)

**10:00 AM Coffee Break**

**10:30 AM Basic principles of Laparoscopic surgery:**

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

**11:00 AM Pneumoperitoneum (open coelio and Verres needle)**

- Positioning of trocars
- Transperitoneal access
- Retroperitoneal access

**11:30 AM Basic principles of Laparoscopic surgery:**

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

**12:00 PM Lunch Break**

## EXPERIMENTAL LABORATORY

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

- Needle holding exercises
- Suturing techniques and Knot tying exercises

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

# Nov 11

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

## **THEORETICAL SESSION**

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

**9:15 AM** Pre-recorded operative demonstration session

- Laparoscopic pyeloplasty
- Laparoscopic pyelotomy
- Laparoscopic ureterotomy

**10:00 AM** Coffee Break

**10:30 AM** Pre-recorded operative demonstration session

- Adrenalectomy
- Uretero-vesical implantation

**12:00 PM** Lunch Break

## **EXPERIMENTAL LABORATORY**

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

- Cystotomy repair
- Ureterolysis
- Pyeloplasty

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

# Nov 12

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**7:45 AM** Evaluation of the previous day

## THEORETICAL SESSION

**8:00 AM Laparoscopic Pelvic surgery Pre-recorded operative videos**

- Pelvic nodes dissection for Prostate Cancer
- Ureterolysis
- Sacrocolpopexy

**9:20 AM Laparoscopic Pelvic surgery**

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

- Prostatic adenomectomy
- Radical prostatectomy
- Vesical diverticulectomy

**10:15 AM Coffee Break**

**10:30 AM Laparoscopic Nephrectomy**

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

- Right Nephrectomy
- Left Nephrectomy
- Partial nephrectomy

**12:00 PM Lunch Break**

## EXPERIMENTAL LABORATORY

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

- Ureterolysis
- Nephrectomy
- Ureteral repair
- Ureterovesical réimplantation

**5:00 PM** End of the day session (Dinner with the participants)

# Nov 13

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**7:45 AM** Evaluation of the previous day

## THEORETICAL SESSION

**8:00 AM** Live Laparoscopic Nephrectomy

**9:30 AM** Coffee Break

**10:00 AM** Live

- Laparoscopic Pyeloplasty

**12:00 PM** Lunch Break

## EXPERIMENTAL LABORATORY

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

- Cystostomy repair
- Pyeloplasty
- Vesicoureteral implantation

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

# Nov 14

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**7:45 AM** Evaluation of the previous day

## **THEORETICAL SESSION**

**8:00 AM** Evaluation – Pelvic Trainor

### **Evaluation QCMs**

**9:00 AM** Course Certification and Diploma

**10:30 AM** Coffee Break

**11:00 AM** Laparoscopic Surgery and Safety

### **Conclusion**

**12:00 PM** Lunch Break

## **EXPERIMENTAL LABORATORY**

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

- Nephrectomy
- Nephro-ureterectomy
- Cystoprostatectomy

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

IRCAD Africa is in compliance with Rwanda's data protection law.  
Law No 058/2021 of 13/10/2021 relating to the protection of  
personal data and privacy.

# How to get to IRCAD AFRICA

GETTING TO THE INSTITUTE COULDN'T BE EASIER



## 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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