



# TRAUMA SURGERY FOR GENERAL SURGEONS

ADVANCED COURSE

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JUNE 20 - 21



## 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


# Course Objectives

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- To cover a wide range surgical procedures in Trauma surgery
- To provide indications, as well as surgery options for treatment of the most current situations in Trauma surgery
- To provide an introduction for the usage of laparoscopy in Trauma
- To provide an introduction for the utilization of Negative Pressure Therapy and Damage Control Principles
- To highlight the technical aspects of the surgical interventions through live streaming videos
- To allow discussion between the experts and the surgeon trainees
- To discuss with the trainees the different case scenarios which will be presented by the staff
- To provide hands-on sessions to improve skills in basic laparoscopic, Trauma, using energy devices, staplers and devices of negative pressure therapy (TPN).
- To use a new tool – Critical Decisions in Trauma – to simulate trauma care in critical patients

# Educational Methods

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- Interactive theoretical and video sessions between faculty and course participants
  - Demonstrations of previously recorded surgeries and case discussions based on the simulated cases using the Critical Decisions in Trauma program
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# Day 1

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## MORNING

**8.00 AM** Registration and welcoming of participants

### **THEORETICAL SESSION**

#### **CRITICAL DECISIONS IN TRAUMA- PART 1 - CASE PRESENTATION & DEBATES**

**8:30 AM** Case 1 – Complex abdominal trauma

**9:15 AM** Case 2 – Complex trauma and  
Damage Control Resuscitation

**10:30 AM - 11:00 AM** Coffee Break

#### **LAPAROSCOPY AND THORACOSCOPY IN TRAUMA – CASE PRESENTATION DEBATES**

**11:00 AM** Case 3 – Laparoscopy in trauma

**11:45 AM** Case 4 – Thoracoscopy in trauma

**12:00 PM - 12:45 PM** Lunch Break

# Day 1

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## AFTERNOON

### **TRAUMA SURGERY – PART 1 – LESSONS LEARNED FROM HOSTILY ENVIROMENTS HOW TO APPLY TO THE CIVILIAN TRAUMA**

**12:45 PM** Case 5 & 6 – Injuries in hostility environments

**1:30 PM** Laboratory rules

**1:35 PM** Descriptions of the purposes and methods of the practical sessions

### **EXPERIMENTAL LAB**

**1:45 PM**

#### LAPAROSCOPY

- To go through the small intestine:
- From Treitz until 100 cm
- From VIC until 100 cm
- Enterectomy or enterorrhaphy

#### THORACOSCOPY

- Diagnostic Thoracoscopy

#### THORACOTOMY

- Cardiac injury repair
- Lung tractotomy
- Lung twist and lung sutures

With the purpose to simulate the following maneuvers: diagnostic laparoscopy and suture of simple lesions and to evaluate the thoracic cavity in order to remove retained hemothorax

**5:45 PM** End of the day

**7:00 PM** Faculty and participants dinner

# Day 2

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## MORNING

**8.00 AM** Welcoming of participants

### **THEORETICAL SESSION**

#### **CRITICAL DECISIONS IN TRAUMA- PART 2 - CASE PRESENTATION & DEBATES**

**8:30 AM** Case 1 – Complex Thoracic Trauma

**9:15 AM** Case 2 – Cervical Trauma

**9:30 AM - 9:50 AM** Coffee Break

#### **TRAUMA SURGERY – PART 2 – CASE PRESENTATION & DEBATES**

**9:50 AM** Case 3 –Trauma  
(Vascular Pelvic IR + DCS)

**10:30 AM** Case 4 –Trauma (Thorax +  
thoracoabdominal injury)

#### **TRAUMA SURGERY – PART 3 – CASE PRESENTATION & DEBATES**

**11:20 AM** Case 5 – Trauma (Complex soft  
tissue destruction + NPTW)

**12:05 PM** Case 6 - Trauma (Open Abdomen  
and EA fistulas)

**12:50 PM - 1:40 PM** Lunch Break

# Day 2

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## AFTERNOON

### EXPERIMENTAL LAB

1:45 PM

#### LAPAROTOMY

- Preperitoneal Packing
- Pringle Maneuver
- Liver packaging
- Splenectomy
- Vascular Suture
- Abthera – V.A.C.System (demonstration)

#### NEGATIVE PRESSURE - OPEN ABDOMEN - NPWT IN WOUNDS

In order to simulate the following diseases or maneuvers: Complex abdominal trauma , Mattox manouver, Cattell-Brasch manouver, vascular injuries, management of open abdomen (Barker and Abthera), management of wounds with NPWT

5:15 PM End of the course

Faculty and participants shuttle bus: IRCAD – Hotel

# 2024 - Registration Form

## TRAUMA SURGERY FOR GENERAL SURGEONS ENGLISH-SPEAKING COURSE / LIMITED TO 30 PARTICIPANTS

Dr./Prof. Family name.....

First name.....

Mobile phone..... Email.....

Please specify (category and name): Hospital Clinic Private practice

Professional address .....

Zip code .....

City ..... Country.....

**JUNE 20 - 21**

Course registration without hotel accommodation ..... **1,500 USD**

Course registration plus accommodation ..... **1,640 USD**

*2 nights in a single room, breakfast and city tax included*

### Payment:

Please bill my credit card  VISA  MC  AMEX

N° | | | | | | | | | | | | | | | | | | | | Expiry Date | | / | | | Security code | | | | |

I accept the cancellation policies (See page 2)

Name & Signature:

### Registration Fees Include

- Theoretical sessions
- Live or pre-recorded operative demonstrations
- 2 days of hands-on sessions on live tissue
- Coffee breaks and lunches
- One dinner

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



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

## IRCAD AFRICA PARTNER HOTELS

Phoenix Apartment

**15min (9.4KM)**

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

Lebanon Hotel

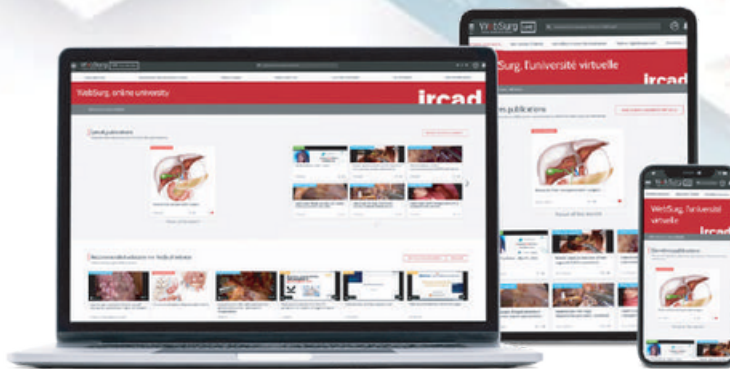
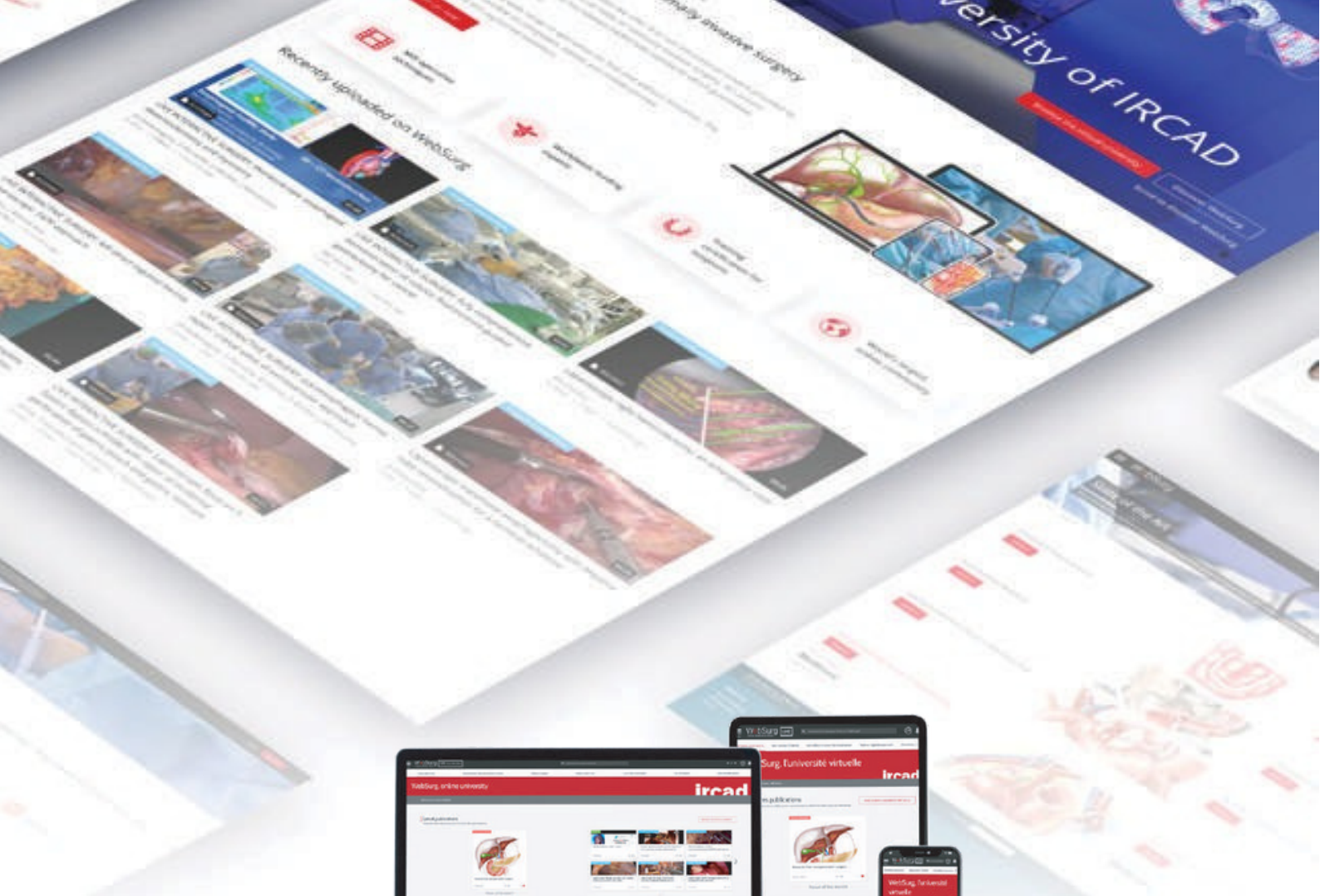
**35min (16KM)**

[lebanonhotelkigali.com](http://lebanonhotelkigali.com)

Five to Five Hotel

**35min (16KM)**

[fivetofivehotel.com](http://fivetofivehotel.com)



MEMBERS  
**+500,000**

VIDEOS  
**+5,000**

AUTHORS  
**+3,000**

LANGUAGES  
**7**

online university of the IRCAD, specialized in  
 WebSurg is the **charge-free minimally invasive surgery** and  
 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  
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