



Minimally Invasive Spine Surgery

5-DAY COURSE

DECEMBER 1 - 5, 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

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

DEC 1

8:30 AM Registration and welcoming of the participants

THEORETICAL SESSION

9:00 AM

- Introduction: the concept of minimally invasive surgery
- What is MIS, which patients
- Does MIS work, its pitfalls
- Intraoperative radiological mapping

10:30 AM **Coffee Break**

10:45 AM **Live surgery**

12:00 PM **Equipment**

- Equipment presentation
- Pre-briefing: mini-open lumbar recalibration

1:00 PM **Lunch Break**

PRACTICAL SESSION

2:00 PM **Experimental Lab**

- Interlaminar recalibration
- Interlaminar disc approach
- Bilateral laminectomy (over the top)

Break: clinical cases

6:00 PM End of the day session: debriefing and evaluations

DEC 2

THEORETICAL SESSION

9:00 AM

- Thoracolumbar trauma
- Radioprotection (users and patients) and X-ray usage

10:30 AM **Coffee Break**

10:45 AM **Live surgery**

12:00 PM **Equipment**

- Equipment presentation
- Pre-briefing

1:00 PM **Lunch Break**

PRACTICAL SESSION

2:00 PM **Experimental Lab**

- Percutaneous osteosynthesis
- Cementoplasty

Break: clinical cases

6:00 PM End of the day session: debriefing and evaluations

DEC 3

THEORETICAL SESSION

9:15 AM

- Instrumented lumbar mini-open
- Navigation, robotics, artificial intelligence
- Sagittal balance and correction

10:30 AM Coffee Break

10:45 AM Live surgery

12:00 PM Equipment

- Equipment presentation
- Objectives, Mini TLIF

1:00 PM Lunch Break

PRACTICAL SESSION

2:00 PM Experimental Lab

- Revision: recalibration (tube) + mini TLIF
- Decompression
- Osteotomies
- Fixations

Break: clinical cases

6:00 PM End of the day session: debriefing and evaluations

DEC 4

THEORETICAL SESSION

9:00 AM

- UBE
- What is endoscopy in spine surgery? Mono/biportal, equipment, indications
- Tips and tricks

10:30 AM Coffee Break

10:45 AM Live surgery

12:00 PM Equipment

- Equipment presentation
- Objectives

1:00 PM Lunch Break

PRACTICAL SESSION

2:00 PM Experimental Lab

- Docking point
- Triangulation
- Working space

Break: clinical cases

6:00 PM End of the day session: debriefing and evaluations

DEC 5

THEORETICAL SESSION

9:00 AM

- UBE
- Mapping, interlaminar approach, discectomy, interlaminar milling, intraoperative management, complication management

10:30 AM Coffee Break

10:45 AM Live surgery

12:00 PM Equipment

- Equipment presentation
- Objectives

1:00 PM Lunch Break

PRACTICAL SESSION

2:00 PM Experimental Lab

Break: clinical cases

6:00 PM End of the day session: debriefing and evaluations

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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