



360-SKULL BASE COURSE

ADVANCED COURSE

MAY 20-23



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

Course Objectives

The objective of this course is to provide an overview of all endoscopic and microscopic techniques in skull base surgery based on theoretical presentations by experts in this field, case discussion and practical demonstration.

There will also be presentations on the treatment strategies of most common and complex tumors of the skull base.

This will be an opportunity for participants to explore the complex anatomy of the skull base during numerous practical sessions with the support and advices of the faculty team.



International Faculty Of Experts

COURSE DIRECTOR

Prof Sebastien Froelich (FR)

COURSE CODIRECTOR

Dr. Claire Karekezi (RW)

Dr. John Bukuru (RW)



MAY 20

Microsurgical Open Approaches - Anterolateral and lateral Corridor

MORNING:

7.45 AM

Registration and welcoming of participants

8.00 AM: Theoretical session

Frontotemporal, FTOZ, clinoidectomy and cavernous sinus

- Surgical anatomy
- Frontotemporal approach and variations: lateral supraorbital and minipterional
- Orbitozygomatic approach
- Clinoidectomy and peeling of the lateral wall of the cavernous sinus
- Cases discussion

Coffee Breack

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Right side of the specimen

- Interfacial dissection
- Retrograde dissection and mobilization of the temporalis muscle
- Inferior orbital fissure exposure & Mc Carthy keyhole
- One-piece / Two pieces FTOZ craniotomy
- Pterion and sphenoid drilling
- Peeling of the lateral wall of the cavernous sinus
- Extradural anterior clinoidectomy
- Exploration of the cavernous sinus

1.00 PM

Lunch at the Institute

AFTERNOON

1.45 PM: theoretical session

Anterior petrosal

- Surgical anatomy of the temporal fossa floor and rhomboid fossa
- Anterior petrosal approach
- Cases discussion

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Left side of the specimen

- Interfacial dissection
- Retrograde dissection and mobilization of the temporalis muscle
- Temporal craniotomy
- Elevation of the temporal fossa dura and Kawase triangle expo
- Kawase triangle drilling
- Opening of the dura
- Opening Meckel's cave

MAY 21

Microsurgical Open Approaches – Posterolateral Corridor

MORNING:

8.00 AM: Theoretical session

Retrosigmoid approach

- Surgical Anatomy
- Retrosigmoid approach and variations
- Endoscopic exploration of the CPA
- Surgery for vestibular schwannomas
- Microvascular decompression for trigeminal neuralgia

Coffee Breack

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Right side of the specimen

- Soft tissue dissection
- Retrosigmoid approach
- Endoscopic exploration of the CPA

1.00 PM

Lunch at the Institute

AFTERNOON

1.45 PM: Theoretical session

Posterior petrosal and combined approach

- Surgical Anatomy of the petrous bone
- Venous anatomy
- Posterior petrosal approach and combined
- Cases discussion

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Right side of the specimen

- L shape craniotomy
- Shaving the sigmoid sinus
- Posterior petrosal approach
- Anterior petrosal
- Opening the dura
- Cutting the tentorium

6.00 PM

End of session

MAY 22

MORNING:

Microsurgical Open Approaches – Far Lateral

8.00 AM: Theoretical Session

Foramen Magnum and Far Lateral Approach

- Surgical anatomy
- Midline occipital approach
- Far lateral approach
- Cases discussion

Coffee Break

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Left side of the specimen

- Hockey stick incision
- Exposure of the vertebral artery
- Craniotomy
- Drilling of the condyl
- Opening of the dura and lower cranial nerves exposure

1.00 PM

Lunch at the Institute

AFTERNOON

Endoscopic Endonasal Approaches

1.45 PM: Theoretical session

Sella region

- Operating room settings: Anesthesia, positioning, instrumentation
- Endoscopic endonasal anatomy
- Endoscopic endonasal approach to the Sella
- Pituitary adenoma surgery
- Carotid artery injury management

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection:

- Equipment and ergonomic
- Endoscopic exploration: endonasal anatomy
- Right side: one nostril approach to sella for pituitary adenomas
- Left side: Nasoseptal flap

6.00 PM

End of session

MAY 23

Extended Endoscopic Endonasal Approaches

MORNING:

8.00 AM: Theoretical session

Transtuberculum and transclival

- Extended endonasal approaches: endonasal steps & transpterygoid approach
- Transtuberculum approach
- Transclivus approach
- Surgical strategies for craniopharyngiomas

Coffee Breack

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection: Left side of the specimen

- Left side: Middle turbinectomy, ethmoidectomy, antrostomy
- Binostril exposure
- Transtuberculum approach
- Trans clival approach

1.00 PM

Lunch at the Institute

AFTERNOON

1.45 PM: Theoretical session

Caevrnous sinus, petrous apex and craniovertebral junction

- Transpterygoid approach
- Approach to the cavernous sinus
- Approach to the petrous apex
- Approach to the craniovertebral junction
- Closure strategies

HANDS-ON SESSION ON ANATOMICAL SPECIMENS

Dissection

Steps of the dissection:

- Transpterygoid approach
- Cavernous sinus exposure
- Opening the foramen magnum

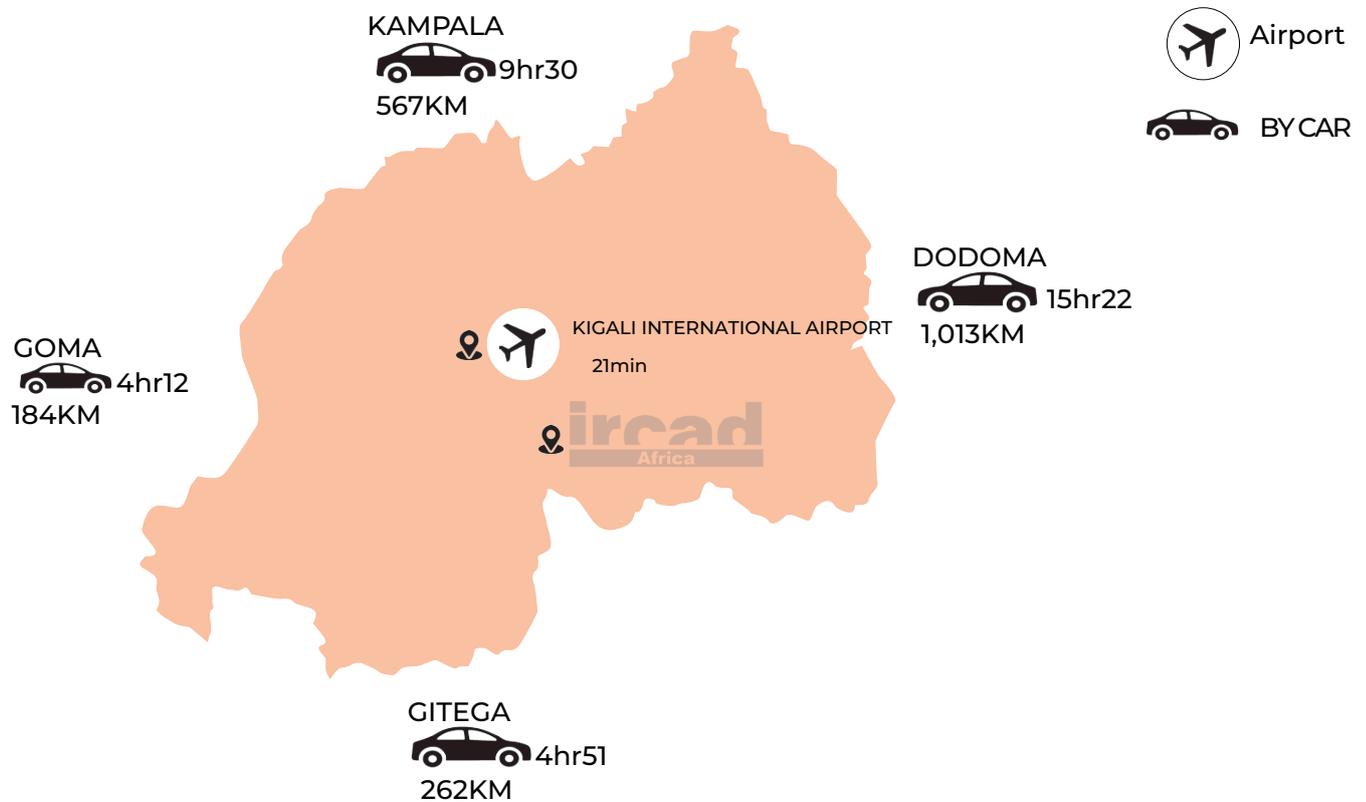
5.30 PM

END OF THE COURSE

DELIVERY OF CERTIFICATES OF ATTENDANCE

How to get to IRCAD AFRICA

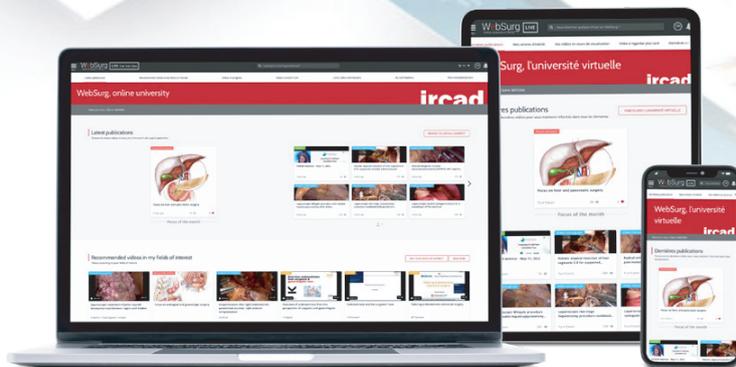
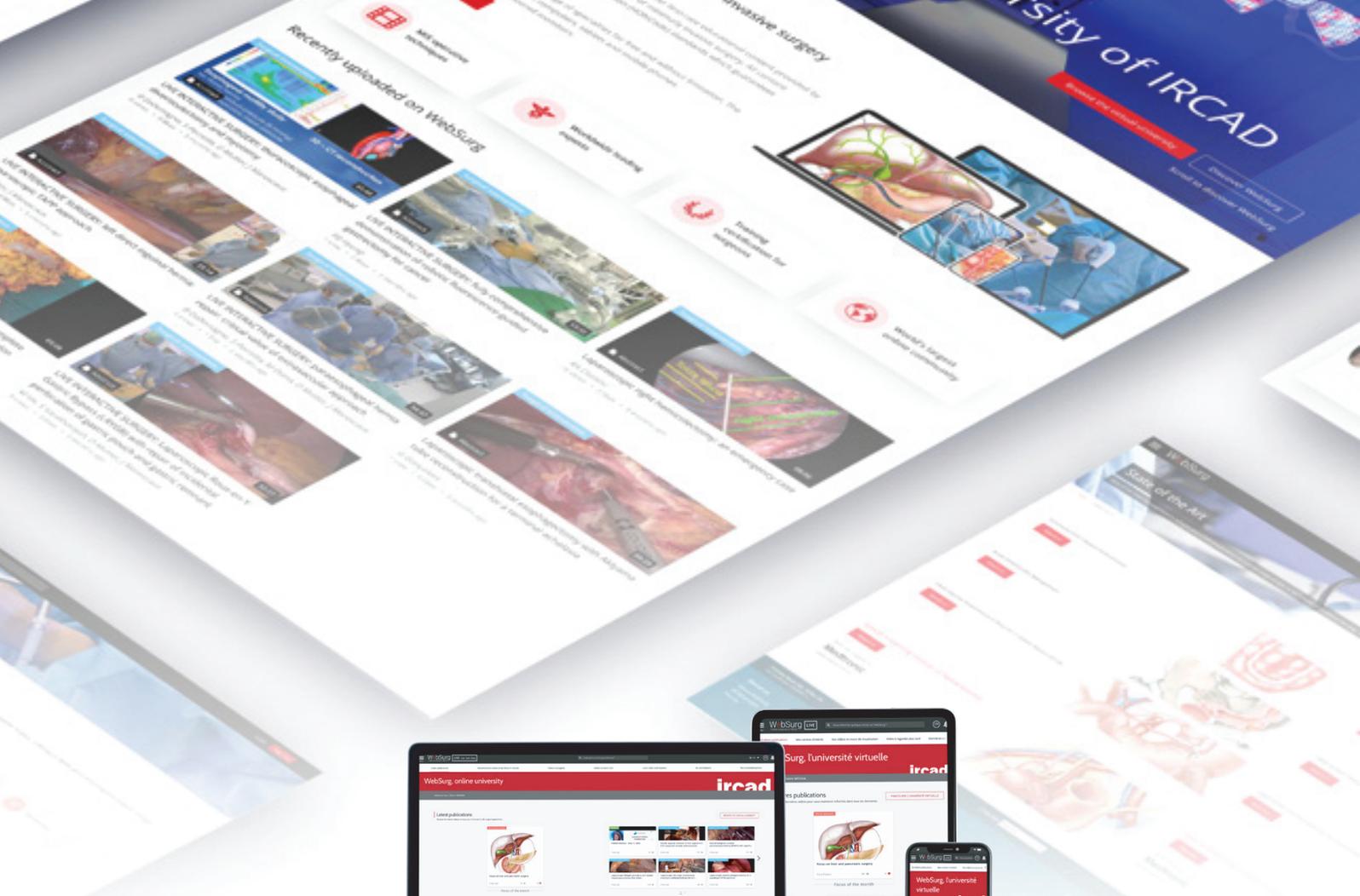
GETTING TO THE INSTITUTE COULDN'T BE EASIER



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

IRCAD AFRICA PARTNER HOTELS

Phoenix Apartment	15min (9.4KM)	phoenixapartment.rw
Lebanon Hotel	35min (16KM)	lebanonhotelkigali.com
Five to Five Hotel	35min (16KM)	fivetofivehotel.com
Radisson Kigali	38min (16.9KM)	radissonhotels.comott
Hôtel des Mille Collines	43min (22KM)	millecollines.rw



MEMBERS
+500,000

VIDEOS
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AUTHORS
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LANGUAGES
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WebSurg is the **charge-free** online university of the IRCAD, specialized in **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 **500,000 members** worldwide and more than **5,000 videos** available in 10 different specialities.

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