



360 SKULL BASE SURGERY

4-DAY COURSE

MAY 13 - 16, 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

International Faculty Of Experts

Course Director

Prof Sebastien Froelich (Neurosurgeon)

Course co-Director

Dr. Claire Karekezi (Neurosurgeon)

Invited Guest Expert:

Prof Aldo Stamm, (ENT, Skull Base Surgeon, Brazil)

Faculty Experts

Arianna Fava (France)

Mbaye Thioub (Senegal)

James Balogun (Nigeria)

Muneza Severien (Rwanda)

Hakizimana David (Rwanda)

May 13

7:15 AM Registration

7:40 AM Welcome – Introduction

S. Froelich – C. Karekezi

MICROSURGICAL OPEN APPROACHES – ANTEROLATERAL AND LATERAL CORRIDOR

7:55 AM Frontotemporal, FTOZ, Clinoidectomy and Cavernous sinus

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

9:30 AM **Coffee Break**

9:45 AM **Cadaveric dissection**

Steps of the dissection: Right side of the specimen

- Interfacial dissection
- Retrograde dissection and mobilization of the temporalis muscle
- Orbital rim and elevation of the periorbita
- 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

12:30 PM **Lunch Break**

1:45 AM **Subtemporal corridor**

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

2:45 PM **Coffee Break**

3:00 PM **Cadaveric dissection**

Steps of the dissection: Left side of the specimen

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

6:30 PM End of the day session

May 14

7:45 AM Evaluation of previous day

MICROSURGICAL OPEN APPROACHES – POSTEROLATERAL CORRIDOR

7:55 AM Retrosigmoid Approach, Translabyrinthine, Posterior Petrosal approaches

- Surgical Anatomy of the petrous bone
- Retrosigmoid approach and variations
- Posterior petrosal approach and combined
- Surgery for vestibular schwannomas and case discussion

9:30 AM **Coffee Break**

9:45 AM **Cadaveric dissection**

Steps of the dissection: Right side of the specimen

- Soft tissue dissection
- L shape craniotomy
- Shaving the sigmoid sinus
- Posterior petrosal approach

12:30 PM **Lunch Break**

1:45 AM **Foramen Magnum and Far Lateral Approach**

- Surgical anatomy of the craniocervical Junction
- Midline occipital approach
- Far lateral approach
- Cases discussion

2:45 PM **Coffee Break**

3:00 PM **Cadaveric 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

6:30 PM End of the day session

May 15

7:45 AM Evaluation of previous day

MICROSURGICAL OPEN APPROACHES: ANTEROLATERAL APPROACH

7:55 AM Anterolateral Approach

- Surgical anatomy
- Anterolateral approach
- Approach to the jugular foramen

9:30 AM **Coffee Break**

9:45 AM **Cadaveric dissection**

Steps of the dissection: Right side of the specimen

- Repositioning of the specimen to the right side
- Anterolateral approach – Neck incision
- Opening the Jugular Foramen

12:30 PM **Lunch Break**

ENDOSCOPIC ENDONASAL APPROACHES: Sella

1:45 AM **Sella**

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

2:45 PM **Coffee Break**

3:00 PM **Cadaveric 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

6:30 PM End of the day session

May 16

7:45 AM Evaluation of previous day

EXTENDED ENDOSCOPIC ENDONASAL APPROACHES

7:55 AM Transtuberculum and transclival

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

9:30 AM **Coffee Break**

9:45 AM **Cadaveric dissection**

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

12:30 PM **Lunch Break**

1:45 AM **Cavernous sinus, petrous apex and craniovertebral junction**

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

3:00 PM **Coffee Break**

3:30 PM **Cadaveric dissection**

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

6:30 PM End of the day session
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

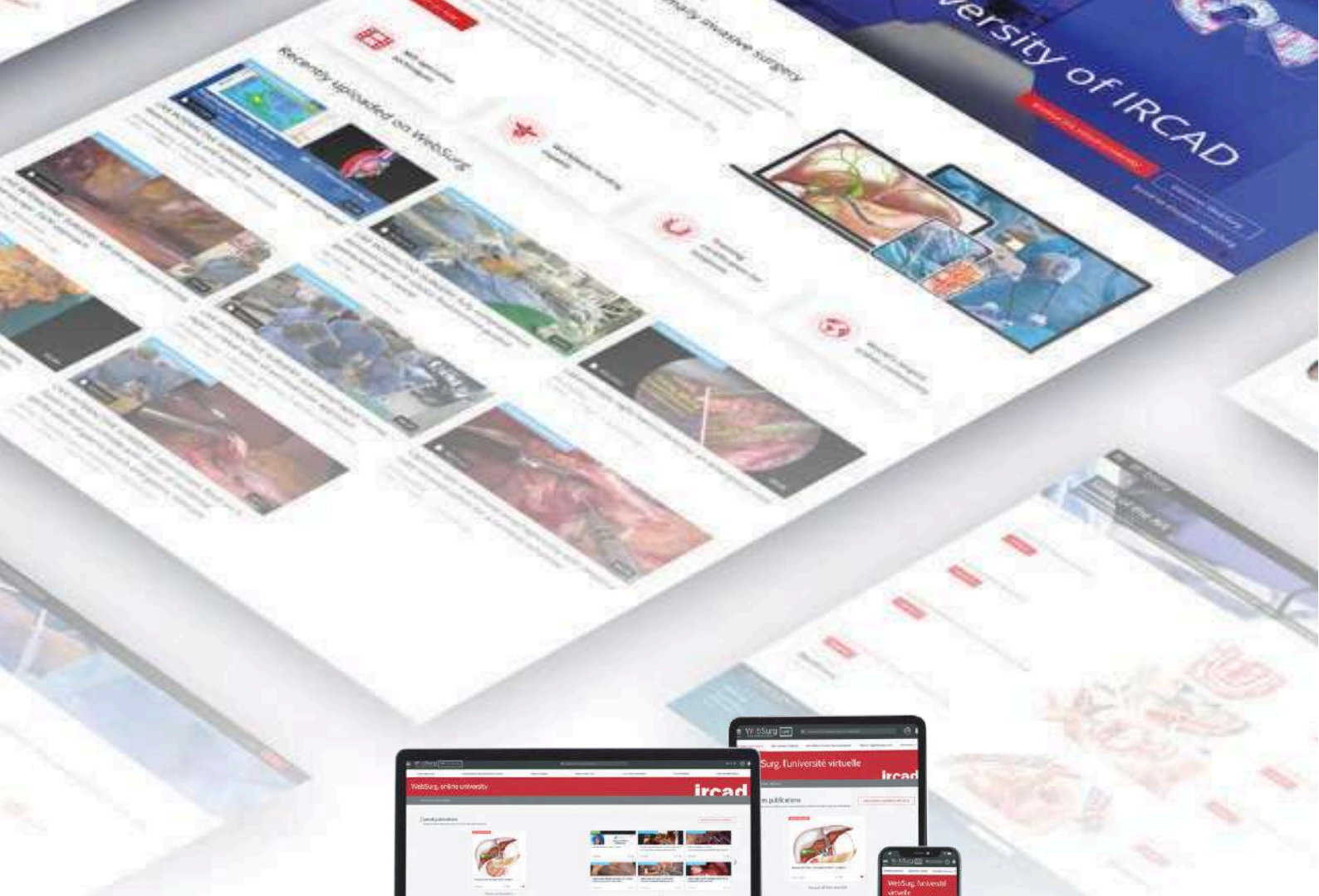
15min (9.4KM)

phoenixapartment.rw

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.



FREE TRAINING ON
WWW.WEBSURG.COM

Courses organized with the support of



Masaka, Kigali
+250 794 774 677

info@ircad.africa

www.ircad.africa

