

**COURSE** 4<sup>th</sup> edition

# **SKULL BASE**

## **ITC RIO DE JANEIRO**

*Skull Base  
Approach Course*

**AUGUST 26<sup>TH</sup> TO 29<sup>TH</sup>, 2026**

**Dr. Luis Borba** - *Scientific Coordinator*

**Dr. Wladimir Melo** - *Coordinator*

**Dr. Márcio Rassi**

**Dr. Duarte Cândido**





# INTRODUCTION

The Skull Base ITC Rio de Janeiro - Skull Base Approach Course returns refreshed and even more comprehensive for its second edition.

In a hands-on course using fresh frozen cadavers, with full support of microscopy, craniotomes, and microsurgery instruments, numerous neurosurgeons from all regions of Brazil were able to exhaustively train on the main skull base approaches during our first edition.

After the success achieved, we are honored to announce another event, now with new features. We have included in our program a day dedicated to discussing surgical cases of classic skull base lesions and presentations on microsurgical neuroanatomy in 3D.

We will have the presence of nationally renowned guest professors, with expertise in complex neurosurgery, particularly in tumor and vascular pathologies involving skull base approaches.

A grayscale photograph of a surgical team in an operating room. In the foreground, a surgeon on the right wears a dark surgical cap with a logo and the text 'RIO DE J', glasses, and a surgical mask. Another surgeon on the left wears a light-colored cap and mask. The background shows surgical lights and a ceiling vent.

## **WHAT IS THE COURSE?**

**The Skull Base Approach Course at the Cadaver Training Institute – ITC Rio de Janeiro – aims to provide a comprehensive review of the surgical approaches and operative techniques related to the surgical treatment of skull base lesions, including tumors, cerebral aneurysms, and other related pathologies.**

**The course features intensive practical sessions on cadaver dissection, covering a wide spectrum of transcranial approaches.**

**Participants will work on fresh frozen cadaver specimens, guided by a distinguished and specialized faculty.**

# Review



## **Dr. Felipe Mourão**

*"Here, we have the best for professional development: fresh cadavers, which closely simulate real patients, along with the unmatched physical structure of the ITC in Brazil, combined with the image magnification technology provided by the Zeiss microscope."*



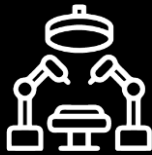
## **Dr. Bruno Garret Bento**

*"The facilities are excellent, the faculty is renowned, and it's an exchange with those who truly have experience in the field."*

# WHY SHOULD STUDENTS EXPERIENCE THIS?



A unique practical experience in neurosurgery with hands-on practice on fresh cadavers.



Immersive and realistic learning provided by practical experience.



Utilization of cutting-edge equipment that represents a milestone in innovation, featuring state-of-the-art optics, 3D visualization, and LED illumination.

# WHY SHOULD STUDENTS EXPERIENCE THIS?

A faculty composed of the best specialists in the field. Renowned and experienced doctors will be present throughout the course to share their knowledge and expertise.



The course will take place in the marvelous city of Rio de Janeiro. Participants will have the opportunity to enjoy the natural beauty, culture, and unique lifestyle of the city during the course.





# **OBJECTIVE**

**Upon completion of this course, participants should be able to:**

**Determine the appropriate approaches and microsurgical techniques for the treatment of complex skull base lesions, both tumor-related and vascular.**

**Identify the anatomy and refine techniques for the primary surgical approaches to the skull base: cranio-orbito-zygomatic approach, anterior and posterior petrosectomy, extreme lateral approaches, and access to the jugular foramen.**

**Develop skills and familiarity with devices specifically designed for skull base approaches, grounded in microscopy and specialized surgical instruments.**



# ABOUT THE COURSE

**Date**

August 26th to 29th, 2026

**Slots:** 20

**Time**

August 26th (6 pm to 9 pm)

August 27th to 29th (9 am to 7 pm)

**Format:** In-person



**Target Audience:** This course is designed for neurosurgeons at various stages of their careers, including those with an interest in skull base neurosurgery, oncological neurosurgery, vascular neurosurgery, and residents at all phases of neurosurgical training.





## **PROGRAM CONTENT**

- Theoretical Lecture and 3D Video Demonstration: Cranio-Orbito-Zygomatic Approach
- Theoretical Lecture and 3D Video Demonstration: Approaches to the Cavernous Sinus
- Hands-On with Fresh Cadaver: Cranio-Orbito-Zygomatic (COZ) Approach
- Approaches to the Cavernous Sinus
- Lunch Break
- Lateral Skull Base Approaches
- Theoretical Lecture and 3D Video Demonstration: Anterior Petrosectomy and Approaches to the Middle Fossa
- Hands-On with Fresh Cadaver: Anterior Petrosectomy and Approaches to the Middle Fossa
- Theoretical Lecture and 3D Video Demonstration



## **PROGRAM CONTENT**

- Mastoidectomy and Posterior Petrosectomy
- Hands-On with Fresh Cadaver: Mastoidectomy and Posterior Petrosectomy
- Theoretical Lecture and 3D Video  
Demonstration: Extreme Lateral Approach
- Theoretical Lecture and 3D Video  
Demonstration: Approaches to the Brainstem
- Hands-On with Fresh Cadaver: Extreme Lateral Approach and its Variants
- Theoretical Lecture and 3D Video  
Demonstration: Approaches to the Jugular Foramen
- Hands-On with Fresh Frozen Cadaver: Approaches to the Jugular Foramen



## **EQUIPMENT AND MATERIALS**

**Students will receive a materials list prior to the start of classes.**

**Any materials provided by the instructor must be returned at the end of the class. Each student is responsible for the borrowed materials, and any damage to the equipment must be covered by the student.**



## Faculty

**Luis A B Borba**

- MD, MSc, PhD, IFAANS, FACS
- President-Elect WFNS 2023-2025
- Professor, Division of Neurosurgery, Federal University of Paraná - Curitiba, Paraná, Brazil
- Neurosurgeon-in-Chief, Mackenzie Evangelical University Hospital, Curitiba, Paraná, Brazil
- Neurosurgeon-in-Chief, Nossa Senhora das Graças Hospital, Curitiba, Paraná, Brazil
- Neurosurgeon-in-Chief, Complexo Hospitalar do Trabalhador - CENEPAR, Curitiba, Paraná, Brazil
- Professor "Honoris Causa," Sechenov University Medical School, Moscow, Russia
- Member of the World Academy of Neurological Surgeons since 2011



## **Faculty**

**Luis A B Borba**

- President of FLANC - Latin American Federation of Neurosurgical Societies (2022-2024)
- Chairman, Education C Training Committee, WFNS (2022-2023)
- Secretary/Treasurer of WANS (2022-2026)
- Past-President of the World Skull Base Societies Meeting - Rio de Janeiro, Brazil, 2022
- Past-President of the Brazilian Neurosurgery Congress, 2014
- Past-President of the Brazilian Neurosurgical Society, 2019-2020





## **Faculty**

**Wladimir de  
Oliveira Melo**

- Full Member of the Brazilian Society of Neurosurgery
- Specialist in Skull Base Neurosurgery at Mackenzie Evangelical Hospital, Curitiba
- Fellowship in Vascular Neurosurgery at Saint Louis University, USA
- Neurosurgeon at Memorial São Francisco Hospital, Natal, RN, Brazil





## **Faculty**

**Duarte Nuno  
Crispim Cândido**

- Neurosurgeon at Santa Casa Hospital in Maceió and Alagoas Metropolitan Hospital
- Specialist in Vascular and Skull Base Neurosurgery
- Fellowship em Neurocirurgia da Base de Crânio na Universidade Evangélica Mackenzie, Curitiba-PR
- Fellowship em Neurocirurgia Vascular e de Base de Crânio no ARKANSAS NEUROSCIENCE INSTITUTE (ANI), Arkansas - EUA
- Fellowship em Neurocirurgia Vascular no BARROW NEUROLOGICAL INSTITUTE (BNI), Phoenix - EUA.



**Faculty**

**Marcio Rassi**

- Neurosurgeon
- Instructor of Neurosurgery at the Faculty of Medical Sciences, Santa Casa de São Paulo
- Specialization in Skull Base Surgeries at Mackenzie Evangelical University Hospital (Curitiba)
- PhD in Sciences from the Faculty of Medicine, University of São Paulo (USP)
- Fellow in Skull Base Surgeries at Brigham and Women's Hospital - Harvard Medical School



**The ITC has arrived in Rio de Janeiro to provide a unique experience in surgical practice, anatomy study, and skill development for healthcare professionals.**

**We conduct courses and immersions using fresh frozen cadavers, scientific and corporate events with "Fresh Frozen" options. We offer a high-tech environment with added value to ensure the best experience for our clients.**





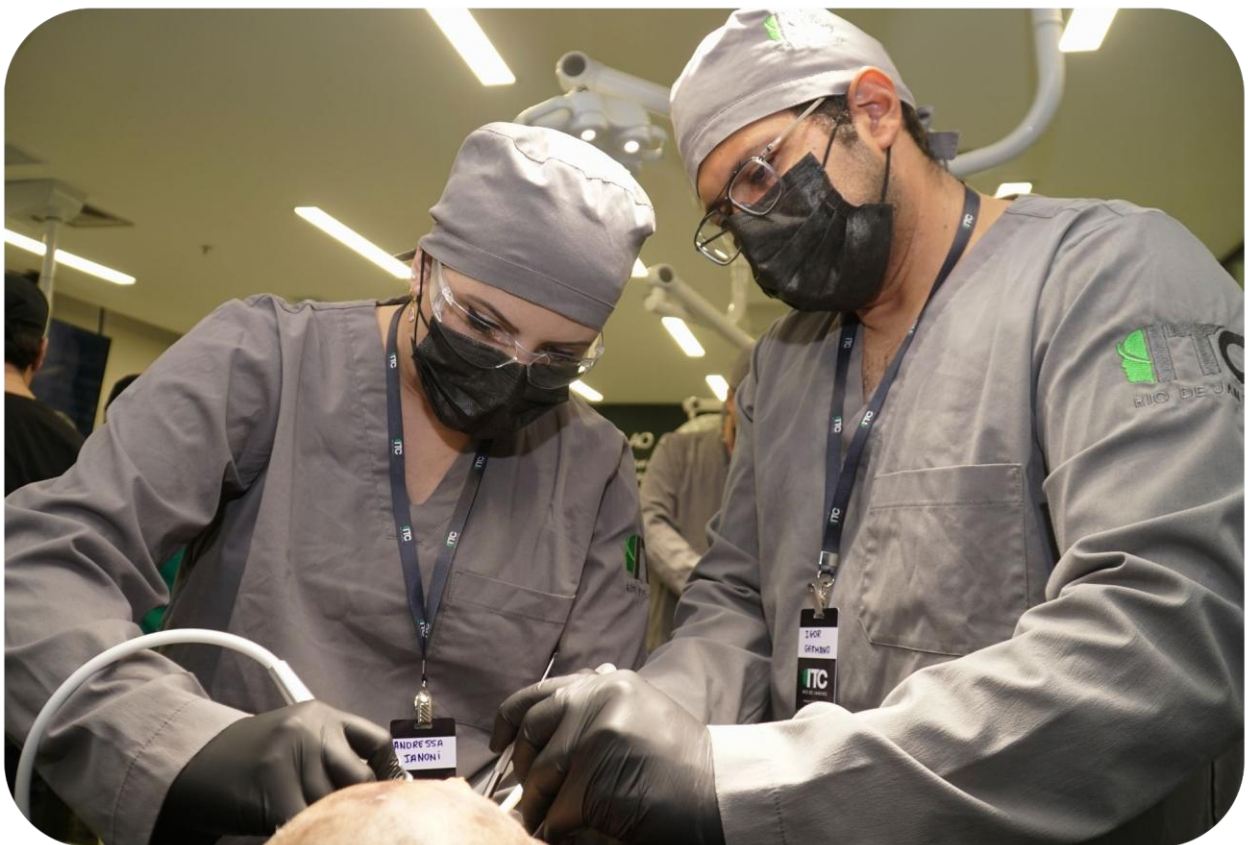
**We also enable the activation of advertising or institutional campaigns during courses, with innovative presentations on backdrops, totems, and large screens.**

**The ITC is synonymous with modernity in education and professional development in the healthcare sector.**

**LEARN MORE AT:**

**itc.rio**









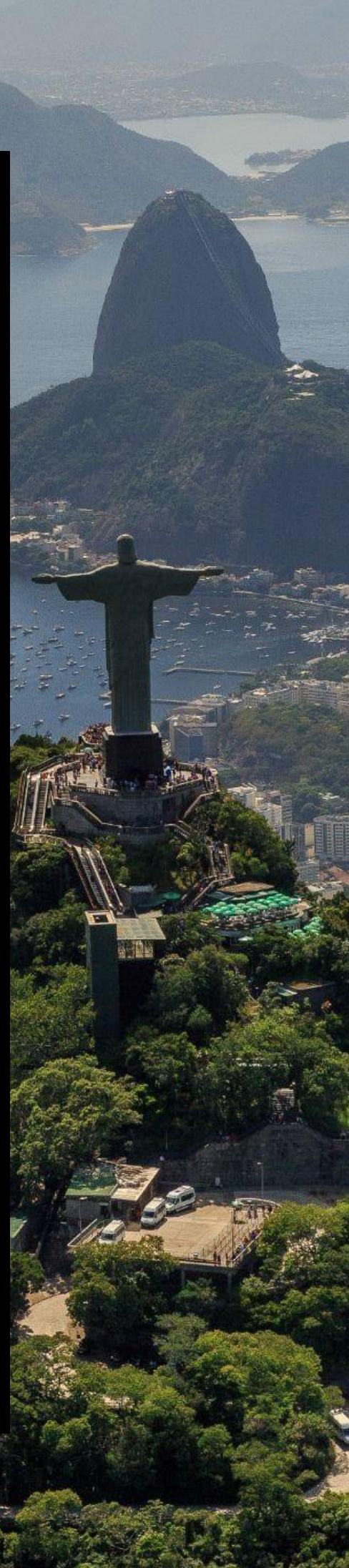


# **RIO DE JANEIRO EXPERIENCE**

**In addition to offering a comprehensive Skull Base Access course that will be a game changer in your career, our journey provides much more than just technical knowledge.**

**In the marvelous city of Rio de Janeiro, you will have the opportunity to immerse yourself in a vibrant atmosphere where culture, natural beauty, and contagious energy come together in a unique way.**

**While honing your professional skills, you can also enjoy the wonders of Rio de Janeiro, explore its stunning beaches, discover its iconic landmarks, and be captivated by its rich history.**





**The ITC Rio is also pleased to recommend the best hotels to make your stay even more special.**

### **Vogue Square Fashion Hotel by Lenny Niemeyer**



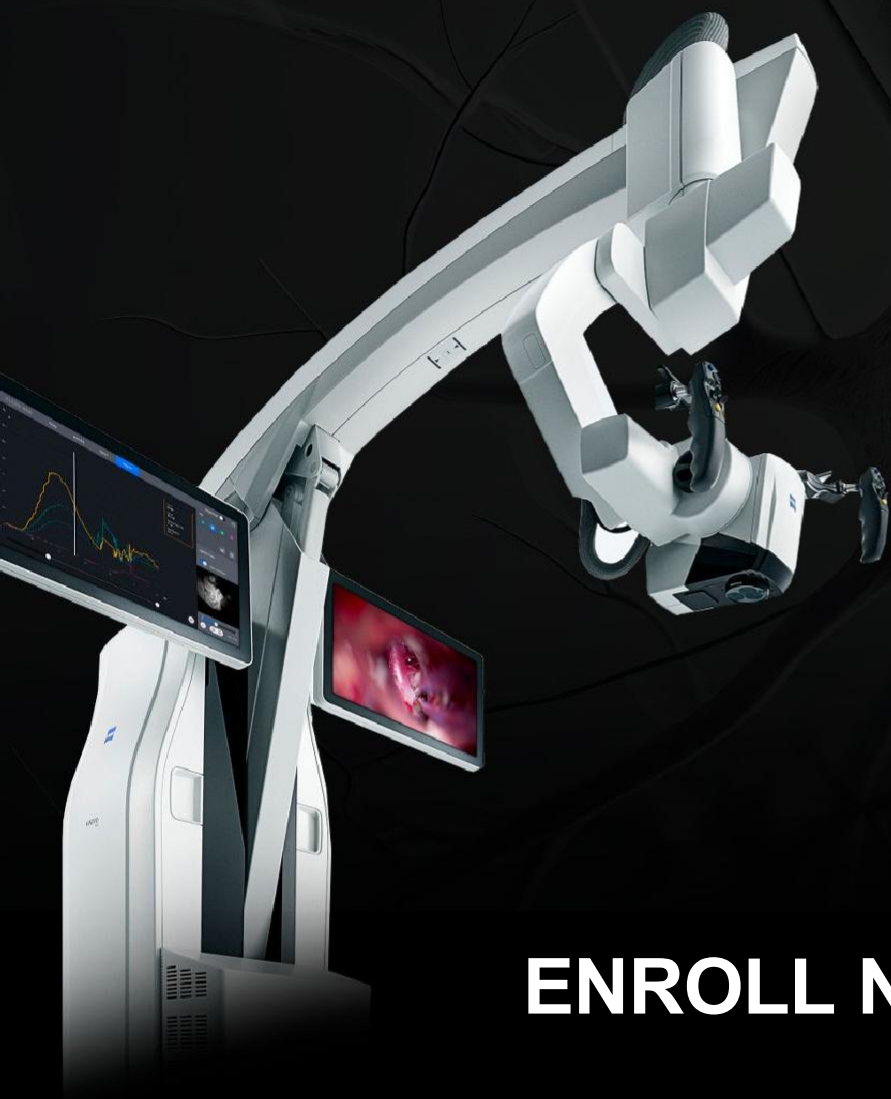
### **Windsor Marapendi Hotel**



## Tuition Fees

- ✓ Theoretical Classes
- ✓ Cadaver Lab
- ✓ Clinical Case Discussions
- ✓ Renowned Faculty
- ✓ 3 Days of Lunches
- ✓ Coffee Breaks
- ✓ Exclusive Certificate
- ✓ ITC Experience

**US\$ 2,900.00**



**ENROLL NOW!**

✉ **comercial@itc.rio**

☎ **+ 55 21 93618-4661**

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