We are happy to announce our inaugural International Course for Latin American Neurosurgeons. In partnership with the FLANC, we designed an intensive 2-week course with our World-renowned Neurosurgeons. This is the result of the feedback provided by many Latin American colleagues who have visited our Department over the last 20 years. In addition, the timing for this course is right, as we have just completed construction of a brand new cadaveric dissection lab, the C.A.N.E.S. Lab. Our objective is to provide an enriching experience in a format suitable for the busy schedule of modern neurosurgery. For this course, we will focus on Cranial Neurosurgery. Future courses will cover Spine and other subspecialties.

We endorse the FLANC’s motto and it is indeed our goal to “eliminate the frontiers of knowledge, and share our experience with the world.”

In a city with a unique Latin American influence, we proudly host this international course, and we hope to see you soon.

Course Directors

Jacques J. Morcos MD, FRCS, FAANS
Professor & Co-Chairman of Neurological Surgery
Director of Cerebrovascular and Skull Base Fellowship

Michael E. Ivan MD, MBS
Assistant Professor of Neurosurgery
Chief of Service, Cranial and Neuro-oncology, Jackson South Community Hospital

Alexis Morell, M.D.
AANS/CNS Tumor Section IOP
National University of Rosario, Argentina

In collaboration with

Federación Latinoamericana de Sociedades de Neurocirugía
Sin fronteras del conocimiento, compartiendo con el mundo.
Internationally recognized experts in Neurosurgery, Neuroradiology, Radiation Oncology, Neuro-Oncology and Otolaryngology
Course Contents

Daily Conferences and Lectures with Experts in every field related to Cranial Surgical Pathology. Topics will include:

**Neuro-oncology**

Awake craniotomies: Why, when and how
Management of brain metastases
Laser ablation in Neurosurgery
New clinical trials in Neurooncology

**Skull Base Surgery**

Skull Base Approaches (anterior, middle and posterior fossa)
Skull Base meningiomas
Acoustic neuromas and other CPA tumors
Endoscopic endonasal approaches
Simple: Pituitary adenomas
Extended: Cranioopharyngiomas, Chordomas, Basilar invagination...

**Cerebrovascular Surgery**

Anterior and posterior circulation aneurysms
Microsurgery: Clipping and Bypasses
Endovascular: Coiling, Stenting, Flow diversion, New technologies
AVMs: Microsurgery and Endovascular
Moyamoya disease: Bypass indications and institutional results
Atherosclerotic disease: Bypass and stenting

**Neuroradiology**

What every skull base surgeon needs to know
What every neurooncological surgeon needs to know

**Radiosurgery**

Indications
Techniques
Complications
Case discussions
Participants are included in daily case discussions with the residents, fellows and faculty. This is a tradition started and continued by Dr. Roberto Heros. Attendees are encouraged to bring their own challenging cases for discussion.

Access to all our Departmental weekly conferences
Neurosurgical Grand Rounds
Resident Teaching Conference
Multidisciplinary Skull Base Conference
Neuro-Oncology Tumor Board

Live surgeries
From complex cerebrovascular surgery to translational neurosurgical oncology, our cranial practice remains unparalleled. We feature one of the busiest skull base and neuro-oncology programs in the country with more than a 1000 brain tumors per year. With a total of 13 dedicated neurosurgery operating rooms, we will be able to cover a wide spectrum of cranial neurosurgery: Cerebrovascular (Open and Endovascular), Neurosurgical Oncology, Skull Base (Open and Endoscopic), and Minimally Invasive Procedures.
Course Contents

Hands-on Cadaver Workshop
Two full days of Cadaveric Dissections in our new state-of-the-art C.A.N.E.S lab, with one anatomical specimen per two attendees. Through lectures and hands-on dissections, the workshop will cover subjects such as:

Simple and Expanded Endoscopic Endonasal Approaches to the Sella and Skull Base
Use of Trans-sulcal systems for subcortical surgeries
Anterolateral Approaches to the Skull Base:
- Cranio-Orbitozygomatic
- Anterior Clinoidectomy
- Transcavernous (Hakuba, Dolenc)
- Anterior Petrosectomy (Kawase)
- Far Lateral Approach
Tuesday 11/12
7:00 am - 8:30 am
Case-based Discussion conference with Dr. Heros
8:30 am - 12:30 pm
Live Surgery Session 1
12:30 pm - 13:30 pm:
Lunch Break
13:30 am - 17:00 pm
Live Surgery Session 2
17:00 pm - 18:30
MOBS Meeting (Multidisciplinary Skull Base Conference)

Wednesday 11/13
7:00 am - 8:30 am
Case-based Discussion conference with Dr. Heros
8:30 am - 12:30 pm
CerebroVascular Session 1: Lectures
Aneurism microsurgery: Clipping and Bypass techniques. Jacques Morcos
AVMs: Microsurgery and Endovascular techniques. Eric Peterson
Atherosclerotic disease: Bypass and stenting. Eric Peterson
Moyamoya disease: Bypass indications and institutional results. Roberto Heros
12:30 pm - 13:30 pm:
Lunch Break
13:30 pm - 17:00 pm
CerebroVascular Session 2: Live Surgery
17:00 pm - 18:30
Resident Conference

Thursday 11/14
7:00 am - 9:00 am
Neurosurgical Grand Rounds
9:00 am - 12:30 pm
Live Surgery Session 3
12:30 pm - 13:30 pm:
Lunch Break
13:30 am - 17:00 pm
Skull Base and Tumor Session 1: Lectures
Awake craniotomies: Why, when and how. Ricardo Komotar.
Use of 5-ALA in Neurosurgery. Michael Ivan.
Use of Port Systems for subcortical surgery Michael Ivan.
Laser ablation in Neurosurgery Ricardo Komotar.
Skull Base Meningiomas Jacques Morcos.
Acoustic neuromas and other CPA tumors. Michael Ivan.
19:00 pm - 21:00 pm
Welcome Dinner

Friday 11/15
8:00 am - 12:30 am
Live Surgery Session 3
12:30 pm - 13:30 pm:
Lunch Break
13:30 am - 17:00 pm
Skull Base and Tumor Session 2: Lectures
Endoscopic Sinonasal Anatomy. Roy Casiano
Management of CSF Leak. Zoukaa Sargi
Radiosurgery of Brain Tumors. Eric Mellon
New clinical trials in Neurooncology. Macarena De la Fuente

Monday 11/18
7:00 am - 8:30 am
Case-based Discussion conference with Dr. Heros
8:30 am - 12:30 pm
Live Surgery Session 4
12:30 pm - 13:30 pm:
Lunch Break
13:30 am - 17:00 pm
Live Surgery Session 5
17:00 pm - 18:30
Neuroradiology Lectures:
What every neurooncological surgeon needs to know. Rita Bathia
What every skull base surgeon needs to know. Rita Bathia

Tuesday 11/19
7:00 am - 8:30 am
Case-based Discussion conference with Dr. Heros
8:30 am - 13:00 pm
HANDS-ON Cadaveric Workshop Session 1
Endonasal endoscopic approaches to the sella and skull base
Simple Approach / Pituitary Surgery
Expanded Approaches to the Sella and Skull Base
13:00 pm - 13:30 pm:
Lunch Break
13:30 pm - 17:00 pm
HANDS-ON Cadaveric Workshop Session 2
Lateral Approaches to the Skull Base
17:00 pm - 18:30
Resident Conference

Wednesday 11/20
7:00 am - 8:30 am
Case-based Discussion conference with Dr. Heros
8:30 am - 13:00 pm
HANDS-ON Cadaveric Workshop Session 1
Endonasal endoscopic approaches to the sella and skull base
Simple Approach / Pituitary Surgery
Expanded Approaches to the Sella and Skull Base
13:00 pm - 13:30 pm:
Lunch Break
13:30 pm - 17:00 pm
HANDS-ON Cadaveric Workshop Session 2
Lateral Approaches to the Skull Base
17:00 pm - 18:30
Resident Conference

Thursday 11/21
7:00 am - 9:00 am
Neurosurgical Grand Rounds
8:30 am - 13:00 pm
HANDS-ON Cadaveric Workshop Session 3
Anterolateral approaches to the skull base
Cranio-orbitozygomatic Approach
Anterior clinoidectomy
Transcavernous Approach
13:00 pm - 13:30 pm:
Lunch Break
13:30 pm - 18:00 pm
HANDS-ON Cadaveric Workshop Session 4
Anterior Petrosectomy (Kawase Approach)
Far lateral approach

Friday 11/22
8:00 am - 12:30 am
Live Surgery Session 9&10
12:30 pm - 14:30 pm
UM Neurosurgery Department Tour & Celebration Lunch

For More Information and Registration
https://umiami.qualtrics.com/jfe/form/SV_b4puauxelggzzph
i.menendez@med.miami.edu
This is to authorize the University of Miami Department of Neurological Surgery to charge the credit card below for ____________________________________________________________.

Company:__________________________________________________________

Cardholder’s name:__________________________________________________

Last 4 digits of credit card number: ___________________ Amount: $__________

Billing address for the credit card:

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Cardholder’s signature: _____________________________________________

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Cut and shred below the line after the credit card has been charged.

Type of Credit card:__________________________________________________

Credit card #:______________________________ Exp date: ____________

CVV Number: ____________ Billing Zip Code: ____________

REGISTRATION FEE: $2900

INCLUDES:
ALL ACADEMIC ACTIVITIES AND LIVE SURGERIES AT THE UNIVERSITY OF MIAMI HOSPITAL AND JACKSON MEMORIAL HOSPITAL INCLUDED IN THE PROGRAM
TWO-DAY HANDS-ON CADAVERIC WORKSHOP WITH 1 ANATOMICAL SPECIMEN PER TWO ATTENDEES
WELCOME DINNER