APRIL 11–12, 2019
MARRIOTT MARQUIS SAN DIEGO MARINA

The Evandro de Oliveira Symposium
Mastery and Legacy in Neuroanatomy
and the Surgery of Cerebrovascular Lesions,
Complex Brain Tumors and Epilepsy

A Scientific Tribute and Career Celebration

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WELCOME

It is with enormous pleasure and pride that we celebrate the life, career and contributions of a modern day neurosurgical giant, Evandro de Oliveira, MD, PhD, IFAANS. Through a philosophy of mastering anatomy first, endorsing laboratory cadaveric training and perfecting microsurgical skills, Dr. de Oliveira has left an indelible mark on countless students and masters of intracranial surgery and, consequently, on thousands of patients worldwide.

The school that Dr. de Oliveira founded is not for the faint of heart. It demands boundless ambition, uncommon inquisitiveness, selfless dedication and the deepest form of passion for the surgical art. Its motto could be “Let no one walk in who is not an anatomist.” One hundred world class leaders in neuroanatomy, complex brain tumors, cerebrovascular surgery and epilepsy surgery have enthusiastically gathered from all corners of the world to contribute to this unique symposium. They come for friendship, respect and admiration. They celebrate Dr. de Oliveira’s contributions, which have permeated their own scientific work.

The symposium is divided into subspecialty segments: neuroanatomy, epilepsy surgery, complex and skull base tumors, aneurysms, AVMs, DAVFs, cavernomas, bypass surgery, the concepts of mastery and legacy and the art of mentorship, leadership and innovation. It features lectures, panel discussions and video sessions. All participants will have the opportunity to attend a dinner on Thursday evening, featuring celebratory speeches and a special dedication.

We thank you for participating in this unique event, fitting of a unique man.

Sincerely,
Evandro de Oliveira Symposium Co-directors

Jacques J. Morcos, MD, FAANS  
Ali F. Krisht, MD, FAANS
THURSDAY, APRIL 11

11 a.m.–7 p.m.
Registration
Location: San Diego Ballroom Foyer

11 a.m.–6 p.m.
Speaker Ready Room
Location: Rancho Santa Fe 1

11 a.m.–12:15 p.m.
Welcome Lunch in Exhibit Hall
Location: San Diego Ballroom A

12:15–12:29 p.m.
Welcome and Introduction
Speakers: Ali F. Krisht, MD, FAANS; Jacques J. Morcos, MD, FAANS
Location: San Diego Ballroom BC

12:30–2:14 p.m.
Session I: Microsurgical Neuroanatomy Reinvented
Moderators: Ebeval Figueiredo, MD; Ricardo Alexandre Hanel, MD, PhD; Mateus Reghin Neto, MD (Brazil)
Location: San Diego Ballroom BC

12:30–12:44 p.m.
Evandro de Oliveira: Where Microneurosurgery and Art Merge Inseparably
Juan Carlos Fernandez-Miranda, MD, IFAANS

12:45–12:59 p.m.
Things I Learned with Dr. de Oliveira
Carolina Martins, MD, PhD (Brazil)

1–1:14 p.m.
Anatomo-angiographic Correlation as Applied to the Microsurgery of AVMs and Aneurysms
Vincent Quilis Quesada, MD, PhD (Spain)

1:15–1:29 p.m.
Anatomy Guided Microneurosurgery for Cerebral Intrinsic Lesions
Guilherme C. Ribas, MD (Brazil)

1:30–1:44 p.m.
Anatomy and Surgery of the Foramen Magnum
Toshio Matsushima, MD (Japan)

1:45–1:59 p.m.
Microneuroanatomy Always Matters: Craniocervical Junction and Spine Tumors
Alberto Carlos Capel Cardoso, MD (Brazil)

2–2:14 p.m.
Discussion

2:15–3:29 p.m.
Session II: Epilepsy Surgery
Moderators: Antonio Cesar de Melo Mussi, MD (Brazil); Jorge Alvaro Gonzalez-Martinez, MD, PhD, FAANS
Location: San Diego Ballroom BC

2:15–2:29 p.m.
Anatomy Related to Surgery of the Mediobasal Temporal Lobe
Niklaus Krayenbuhl, MD, IFAANS (Switzerland)

2:30–2:44 p.m.
The Uncal Recess: The Key for Enough and Safe Amygdalohippocampectomy
Eduardo R. Seoane, MD (Argentina)

2:45–2:59 p.m.
Hemispherotomy: Surgical Anatomy and Technique
Wen Hung Tzu, MD (Brazil)

3:00–3:14 p.m.
Selective Posterior Callosotomy for Drop Attacks
Eliseu Paglioli Neto, MD (Brazil)

3:15–3:29 p.m.
Discussion

3:30–3:45 p.m.
Beverage Break in Exhibit Hall
Location: San Diego Ballroom A

3:45–5:59 p.m.
Session III: Tumors
Moderators: Miguel A. Arraez Sanchez, MD (Spain); Joao Paulo de Almeida, MD (Canada); Claudio G. Yampolsky, MD, IFAANS (Argentina)
Location: San Diego Ballroom BC

3:45–3:59 p.m.
Insular Glioma Surgery: The Perfect Blend of Neuroanatomy, Functional Localization and Surgical Technique to Achieve the Desired Outcome
Mitchel S. Berger, MD, FAANS
4–4:14 p.m.
Advantages of Peri-lesional Resections for GBM
Raymond Sawaya, MD, FAANS

4:15–4:29 p.m.
Low Grade Gliomas: The Past, Present, and Future
Jose Marcus Rotta, MD (Brazil)

4:30–4:44 p.m.
Pretemporal Cranio-orbito-zygomatic Approach to Parasellar Lesions
Kenan Arnautovic, MD, PhD, FAANS

4:45–4:59 p.m.
Surgical Treatment of Pediatric Craniopharyngiomas
Graciela N. Zuccaro, MD, IFAANS (Argentina)

5–5:14 p.m.
Management of Craniopharyngiomas: Open vs Endoscopic Techniques—Current State of the Art
Fred Gentili, MD, MSc, FRCS (Canada)

5:15–5:29 p.m.
The Medulla Oblongata: Reflecting on my Personal Experience
Ugur Ture, MD, IFAANS (Turkey)

5:30–5:44 p.m.
Microsurgery of Spinal Cord Tumors
Manuel J. E. Cunha e Sa, MD, IFAANS (Portugal)

5:45–5:59 p.m.
Discussion

6–6:29 p.m.
Tumor/Skull Base Panel
Moderators: Mustafa Kemal Baskaya, MD, FAANS; Carlos A. David, MD, FAANS
Panelists: Giovanni Broggi, MD, IFAANS (Italy); Roberto Delfini, MD (Italy); Steven L. Giannotta, MD, FAANS; Takeshi Kawase, MD (Japan); Jose Alberto Landeiro, MD (Brazil); Daniel Monte-Serrat Prevedello, MD
Location: San Diego Ballroom BC

7–8 p.m.
Welcome Reception in Exhibit Hall
Location: San Diego Ballroom A

8–11 p.m.
Gala Dinner
Speakers: Frederick A. Boop, MD, FAANS; William T. Couldwell, MD, PhD, FAANS; Ali F. Krisht, MD, FAANS; Jacques J. Morcos, MD, FAANS; Jeffrey M. Sorensen, MD, FAANS; Wen Hung Tzu, MD (Brazil)
Location: Marina Ballroom FG, South Tower, Level 3
Ticket Required: $200
8:15–9:29 a.m.
Session V: Cavernomas/DAVFs
Moderators: Amal Abou-Hamden, FRACS (Australia); Oliver Bozinov, MD, IFAANS (Switzerland)
Location: San Diego Ballroom BC

8:15–8:29 a.m.
Brainstem Cavernomas: When Should We Operate?
Carlos M.G. Alegria, MD (Portugal)

8:30–8:44 a.m.
Brainstem Cavernomas: How Should We Operate?
Robert F. Spetzler, MD, FAANS

8:45–8:59 a.m.
Revisiting the Classification of DAVFs
Luca Regli, MD, IFAANS (Switzerland)

9–9:14 a.m.
Surgical Treatment of DAVFs
Roberto C. Heros, MD, FAANS(L)

9:15–9:29 a.m.
Discussion

9:30–9:45 a.m.
Beverage Break in Exhibit Hall
Location: San Diego Ballroom A

9:45–11:29 a.m.
Session VI: AVMs
Moderators: Apio Claudio Antunes, MD, PhD, IFAANS (Brazil); Jafar Jewad Jafar, MD, FAANS
Location: San Diego Ballroom BC

9:45–9:59 a.m.
Natural History of AVMs: Helsinki Series vs ARUBA
Mika Niemela, MD, PhD, IFAANS (Finland)

10–10:14 a.m.
Explaining Brain AVMs with Laminar Wall Shear Stress
Michael K. Morgan, MD, IFAANS (Australia)

10:15–10:29 a.m.
Microsurgery of Brain AVMs
Atul Goel, MD, IFAANS (India)

10:30–10:44 a.m.
Technical Nuances in AVM Surgery
Michael T. Lawton, MD, FAANS

10:45–10:59 a.m.
Multimodality Treatment of Brainstem AVMs
Gary K. Steinberg, MD, PhD, FAANS

11–11:14 a.m.
The Evolution of AVM Embolization
Mohammad Ali Aziz-Sultan, MD, FAANS

11:15–11:29 a.m.
Discussion

11:30–11:59 a.m.
Cavernoma/AVM/DAVF Panel
Moderators: Adam S. Arthur, MD, MPH, FAANS; Jacques J. Morcos, MD, FAANS
Panelists: Matteo Baccanelli, MD (Argentina); Paul Joseph Camarata, MD, FAANS; Cameron G. McDougall, MD, FAANS; Anil Nanda, MD, MPH, FAANS; Edgar Nathal, MD DMSc (Mexico); Edgardo Spagnuolo, MD (Uruguay)
Location: San Diego Ballroom BC

12–1 p.m.
The Evandro de Oliveira Video Lunch Session
Moderators: Feres E. A. Chaddad Neto, MD, IFAANS (Brazil); Evandro Pinto da Luz de Oliveira, MD, PhD, IFAANS (Brazil)
Location: San Diego Ballroom BC, Pick up lunch in San Diego Ballroom A

12–12:34 p.m.
Video Presentations

12:35–12:59 p.m.
Evandro the Visionary Mentor
Ali F. Krisht, MD, FAANS

1–2:29 p.m.
Session VII: Paraclinoid Aneurysms
Moderators: Bernard R. Bendok, MD, FAANS; Paulo Henrique Pires de Aguiar, MD, PhD, IFAANS (Brazil)
Location: San Diego Ballroom BC

1–1:14 p.m.
Applied Anatomy of the Paraclinoid Region
Helder Tedeschi, MD (Brazil)

1:15–1:29 p.m.
Carotid Cave Aneurysms
Shigeaki Kobayashi, MD, PhD (Japan)
1:30–1:44 p.m.
Paraclinoid Aneurysms:
Their Natural History and Rupture Risk
Arthur L. Day, MD, FAANS

1:45–1:59 p.m.
Microsurgical Strategies in Paraclinoid Aneurysms
Sanford PC Hsu, MD (Taiwan)

2–2:14 p.m.
Endovascular Treatment of Paraclinoid Aneurysms is the New Gold Standard
Giuseppe Lanzino, MD, FAANS

2:15–2:30 p.m.
Discussion

2:30–2:45 p.m.
Beverage Break in Exhibit Hall
Location: San Diego Ballroom A

2:45–4:14 p.m.
Session VIII: Aneurysms/Moyamoya/Bypass Surgery
Moderators: Jair Raso, MD (Brazil); B. Gregory Thompson Jr., MD, FAANS
Location: San Diego Ballroom BC

2:45–2:59 p.m.
Decision Making in Aneurysm Management
Speaker: Philip E. Stieg, PhD, MD, FAANS

3–3:14 p.m.
Novel Endovascular Reconstruction Techniques for Surgically Challenging Aneurysms
Elad I. Levy, MD, FAANS, MBA

3:15–3:29 p.m.
Vascular Reconstruction for Complex Anterior Communicating Aneurysm
Rokuya Tanikawa, MD (Japan)

3:30–3:44 pm
Bypass for Complex Aneurysms: Still Needed?
Laligam N. Sekhar, MD, FAANS

3:45–3:59 p.m.
Bypass for Cerebral Ischemia: Still Needed?
Jacques J. Morcos, MD, FAANS

4–4:14 p.m.
Discussion

4:15–4:44 p.m.
Aneurysm/Moyamoya/Bypass Panel
Moderators: Jorge Marcelo Mura, MD, IFAANS (Chile); Rabih G. Tawk, MD, FAANS
Panelists: Benedicto Oscar Colli, MD, IFAANS (Brazil); Jean Goncalves de Oliveira, MD, PhD, IFAANS (Brazil); Francisco Gonzalez-Llanos, MD (Spain); Alexander Arash Khalessi, MD, FAANS; Robert A. Solomon, MD, FAANS; A. Samy Youssef, MD, PhD, FAANS
Location: San Diego Ballroom BC

4:45–6:44 p.m.
Session IX: Innovation/Mastery/Legacy
Moderators: Vanessa Milanesi Holanda, MD, PhD (Brazil); Thomas C. Origitano, MD, PhD, FAANS
Location: San Diego Ballroom BC

4:45–4:59 p.m.
The Many Faces of Innovation in Neurosurgery
David J. Langer, MD, FAANS

5–5:14 p.m.
Chasing Perfection
Neil A. Martin, MD

5:15–5:29 p.m.
Leadership and Mentorship: Two Faces of the Same Coin
Fredric B. Meyer, MD, FAANS

5:30–5:44 p.m.
Virtuosity in Neurosurgery
Edward R. Laws Jr., MD, FAANS(L)

5:45–5:59 p.m.
Evandro at the Mayo Clinic: His Contributions to Research and Education
Alfredo Quinones-Hinojosa, MD, FAANS

6–6:14 p.m.
How Evandro has Influenced my Thinking and Career
Fady T. Charbel, MD, FAANS

6:15–6:29 p.m.
Recognizing the Lion by his Paw: Evandro’s Indelible Marks on Microsurgical Neuroanatomy
Pablo Rubino, MD (Argentina)

6:30–6:44 p.m.
Discussion
**COURSE LEADERSHIP**

**Honored Guest**
Evandro de Oliveira, MD, PhD, IFAANS
(Brazil)

**Co-directors**
Jacques J. Morcos, MD, FAANS
Ali F. Krisht, MD, FAANS

**Committee**
Kenan Arnautovic, MD, PhD, FAANS
Adam S. Arthur, MD, MPH, FAANS
Frederick G. Barker II, MD, FAANS
Ricardo A. Hanel, MD, PhD
Alexander A. Khalesi, MD, FAANS
Jorge M. Mura, MD, IFAANS (Chile)
Pablo Rubino, MD (Argentina)
Rabih G. Tawk, MD, FAANS
Claudio G. Yampolsky, MD, IFAANS (Argentina)

**INDUSTRY SUPPORT**

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