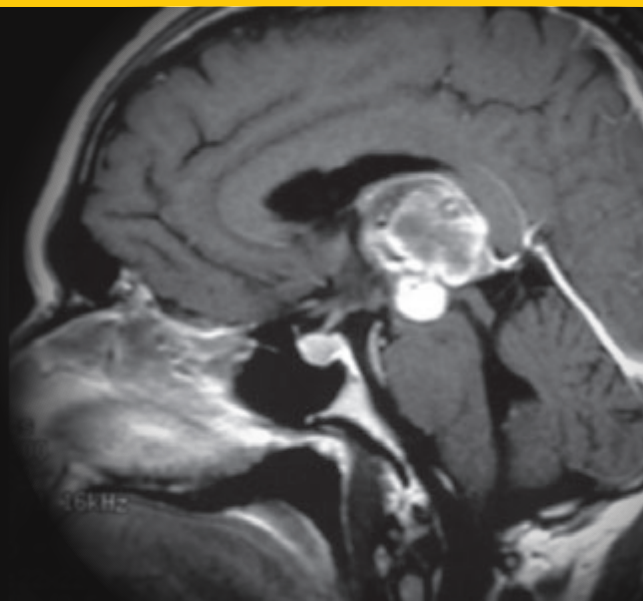


# QUICK PLANNER



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*

**Access the Meeting App at [360.aans.org](http://360.aans.org)**

Complimentary internet access is available.

**Network Name:** AANS **Password:** aansmtgs

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## **North Tower, Lobby Level**

San Diego Ballroom Foyer  
San Diego Ballroom A  
San Diego Ballroom BC  
Rancho Santa Fe 1

## **South Tower, Level 3**

Marina Ballroom FG

## 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.

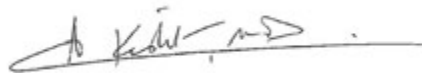
We thank you for participating in this unique event, fitting of a unique man.

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 pm**

### Session I: Microsurgical Neuroanatomy Reinvented

Moderators: Eberval 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

Vicent 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: Craniovertebral 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. Sorenson, MD, FAANS; Wen Hung Tzu, MD (Brazil)

**Location:** Marina Ballroom FG, South Tower, Level 3

**Ticket Required:** \$200

**FRIDAY, APRIL 12**

**6:30 a.m.–6 p.m.**

**Registration**

**Location:** San Diego Ballroom Foyer

**6:30 a.m.–6 p.m.**

**Speaker Ready Room**

**Location:** Rancho Santa Fe 1

**6:30–7 a.m.**

**Continental Breakfast in Exhibit Hall**

**Location:** San Diego Ballroom A

**7–8:14 a.m.**

**Session IV: Skull Base**

**Moderators:** Antonio Aversa do Souto, MD (Brazil); Frederick G. Barker II, MD, FAANS

**Location:** San Diego Ballroom BC

**7–7:14 a.m.**

**Glomus Tumors: Neuroanatomical Basis for Surgical Refinements**

Luis Alencar Borba, MD, IFAANS (Brazil)

**7:15–7:29 a.m.**

**Craniotomy for Pituitary Adenomas: Is it Still Useful?**

Gerardo Guinto-Balanzar, MD, FAANS (Mexico)

**7:30–7:44 a.m.**

**The Cavernous Sinus: Reflections on a Journey Through “No Man’s Land”**

Vinko Dolenc, MD, PhD (Slovenia)

**7:45–7:59 a.m.**

**Ergonomics: The Neglected Science in the Operating Room**

Ossama Al-Mefty, MD, FAANS

**8–8:14 a.m.**

**Discussion**

**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. O'rigitano, 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. Khalessi, 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

The American Association of Neurological Surgeons gratefully acknowledges the following companies for their generous support of the meeting,

### GOLD LEVEL SUPPORTER

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## EXHIBITORS

### 54 Brain Aneurysm Foundation

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## WORLD OF NEUROSURGERY

**20  
20** **AANS**  
ANNUAL SCIENTIFIC MEETING

APRIL 25–29, 2020 | BOSTON

[aans.org/AANS2020](https://aans.org/AANS2020)

PRE-COURSES APRIL 23–24 | BOSTON



American  
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