

THE SPETZLER SYMPOSIUM:

State-of-the-art in Cerebrovascular, Skull Base, Craniovertebral Junction and Brain Tumor Surgery — A Scientific Tribute and Global Celebration

**April 20-21, in Los Angeles,
at the Los Angeles Convention Center,
immediately preceding the 85th AANS
Annual Scientific Meeting**

The Spetzler Symposium celebrates one of the most accomplished and recognizable names in neurosurgery and will contain scientific content delivered via lectures, 2-D and 3-D videos, discussion panels, debates and more. Over 75 national and international neurosurgical masters and leaders in the field have committed to present at and participate in this two-day event.

Robert F. Spetzler, MD, FAANS, is known across the globe. He has broadly impacted both neurosurgical education and its practice. To focus the symposium, we have chosen to limit presentations to the four neurosurgical themes to which he is most indelibly linked: craniovertebral junction, skull base, complex/deep brain tumors and cerebrovascular surgery.

Thursday, April 20

General Session: 8 a.m.-6:30 p.m.

Friday, April 21

General Session: 7:30 a.m.-6:45 p.m.

Reception/Dinner: 7:30-10:30 p.m.

Learning Objectives: At the end of this educational event, participants will be able to:

- Identify different pathologies at the craniovertebral junction.
- Choose the appropriate surgical approach for specific lesions of the craniovertebral junction.
- Differentiate various skull base lesions and understand the benefits and limitations of most available skull base approaches (open versus endoscopic).
- Apply the different open and endovascular methods to the treatment of intracranial aneurysms and vascular malformations.
- Review advanced techniques of brain mapping and surgical removal of gliomas.

For additional information and a list of presenters visit:

www.aans.org/SpetzlerSymposium

Registration Rates

AANS Member: \$500

Non-member: \$625

Resident Member: \$350

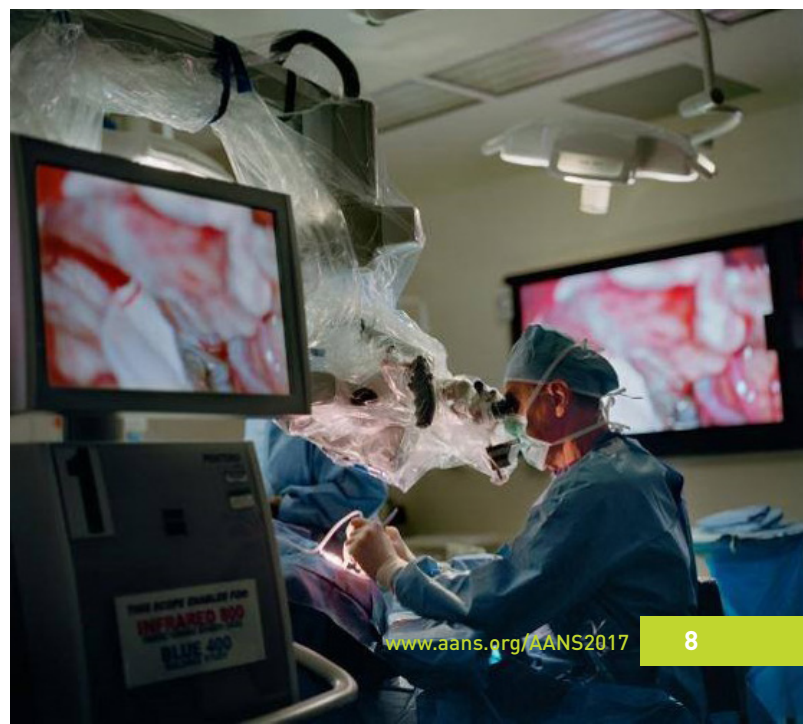
Resident Non-member: \$450

Guest Tickets for Friday Night Dinner: \$155

A Friday night dinner ticket is included with medical attendee registration.

20% discount available for Barrow Neurological Institute (BNI) Alumni (former and current BNI Fellows and Residents)

Please see the Ways to Register and Cancellations/Refunds information on [page 114](#).



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Felipe C. Albuquerque, MD, FAANS
Cargill H. Alleyne Jr., MD, FAANS
Issam A. Awad, MD, FAANS
Ossama Al-Mefty, MD, FAANS
Sepideh Amin-Hanjani, MD, FAANS
Miguel A. Arraez Sanchez, MD
Nicholas C. Bambakidis, MD, FAANS
Frederick G. Barker II, MD, FAANS
Daniel Louis Barrow, MD, FAANS
Mitchel S. Berger, MD, FAANS
Luis Alencar Borba, MD, IFAANS
Fady T. Charbel, MD, FAANS
E. Sander Connolly Jr., MD, FAANS
William T. Couldwell, MD, PhD, FAANS
Ralph G. Dacey Jr., MD, FAANS
Carlos A. David, MD, FAANS
Arthur L. Day, MD, FAANS
Evandro Pinto da Luz de Oliveira, MD, PhD, IFAANS
Vinko Dolenc, MD, PhD
Hugues Duffau, MD
Takanori Fukushima, MD
Paul A. Gardner, MD, FAANS
Fred Gentili, MD, FAANS, MSc
Steven L. Giannotta, MD, FAANS
Atul Goel, MD, IFAANS
John G. Golfinos, MD, FAANS
Francisco Gonzalez-Llanos, MD
J. Andre Grotenhuis, MD, PhD, IFAANS
Gerardo Guinto-Balazar, MD, FAANS
Mark N. Hadley, MD, FAANS
Juha Hernesniemi, MD, PhD
Roberto C. Heros, MD, FAANS(L)
Kazuhiro Hongo, MD, IFAANS

L. Nelson Hopkins III, MD, FAANS
Andrew H. Kaye, MD, IFAANS
Engelbert Knosp, MD
Alexander N. Konovalov, MD
Ali F. Krisht, MD, FAANS
Jesus LaFuente, MD
David J. Langer, MD, FAANS
Giuseppe Lanzino, MD, FAANS
Michael T. Lawton, MD, FAANS
Russell R. Lonser, MD, FAANS
Ying Mao, MD
Neil A. Martin, MD
Fredric B. Meyer, MD, FAANS
Basant Kumar Misra, MD
Jacques J. Morcos, MD, FAANS
Michael K. Morgan, MD, IFAANS
Yuichi Murayama, MD
Peter Nakaji, MD, FAANS
Anil Nanda, MD, MPH, FAANS
Mika Niemela, MD, PhD, IFAANS
Edward H. Oldfield, MD, FAANS
Nelson M. Oyesiku, MD, PhD, FAANS
Randall W. Porter, MD, FAANS
Ricardo Ramina, MD
Luca Regli, MD, IFAANS
James T. Rutka, MD, PhD, FAANS
Martin Sames, MD
Madjid Samii, MD, PhD
Nader Sanai, MD, FAANS
Raymond Sawaya, MD, FAANS
Volker Seifert, MD, PhD
Laligam N. Sekhar, MD, FAANS
Chandranath Sen, MD, FAANS
Franco Servadei, MD



Kris A. Smith, MD, FAANS
Volker K. H. Sonntag, MD, FAANS(L)
Robert F. Spetzler, MD, FAANS
Marcos S. Tatagiba, MD
B. Gregory Thompson Jr., MD, FAANS
Yong-Kwang Tu, MD, PhD
Ugur Ture, MD, IFAANS
Michael Tymianski, MD, PhD
Peter Vajkoczy, MD
Claudio G. Yampolsky, MD, IFAANS
Joseph M. Zabramski, MD, FAANS

NOTE: Program speakers subject to change.

The Spetzler Symposium is directed by Jacques J. Morcos, MD, FAANS, chair of the 2017 AANS Scientific Program Committee.

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Program Agenda

Thursday, April 20, 2017

Introduction

8-8:09 a.m.

Jacques J. Morcos, MD, FAANS

A Unique Gathering

8:10-8:19 a.m.

Volker K.H. Sonntag, MD, FAANS

The 30 Year Spetzler-Sonntag BNI Duality:
Anatomy of a Unique Alliance

8:20-8:29 a.m.

Peter Nakaji, MD, FAANS

Spetzler as Leader, Mentor, Innovator, Scholar and
Master Surgeon: In the Eyes of a Former Student and
Present Colleague

Session I: Primary Brain Tumors

Moderators: Nader Sanai, MD, FAANS;

Kris A. Smith, MD, FAANS

8:30-8:44 a.m.

Mitchel S. Berger, MD, FAANS

Maximizing Extent of Resection for Low Grade Gliomas
to Improve Survival and Reduce the Risk of Malignant
Transformation

8:45-8:59 a.m.

Raymond Sawaya, MD, FAANS

Glioblastoma Surgery: Can We Do Better than Gross Total
Resection?

9-9:14 a.m.

Hughes Duffau, MD

What Evidence is There for Plasticity in Glioma Surgery?

9:15-9:29 a.m.

Andrew H. Kaye, MD, IFAANS

Gliomas: Why the Biology Wins

9:30-9:44 a.m.

Claudio G. Yampolsky, MD, IFAANS

Insular Gliomas: Lessons and Management

9:45-9:59 a.m.

Russell R. Lonser, MD, FAANS

Hemangioblastomas: From Cyst Formation to
Tumor Growth

10-10:14 a.m.

Miguel A. Arraez-Sanchez, MD

Skull Base Approaches to Pontomesencephalic
Brainstem Tumors: Spetzler's Legacy

10:15-10:29 a.m.

Ugur Ture, MD, IFAANS

The Supracerebellar-transtentorial Approach to the
Entire Length of the Mediobasal Temporal Region:
A Better Road, Yet Less Travelled

10:30-10:44 a.m.

Discussion

Moderators and Speakers

10:45-11:14 a.m.

Break With Exhibitors

Session II: Craniovertebral Junction (CVJ)

Moderators: Mark N. Hadley, MD, FAANS; Volker K.H.

Sonntag, MD, FAANS(L)

11:15-11:29 a.m.

Mark N. Hadley, MD, FAANS

The Innovative, Artful Insight of Master Surgeon
Robert Spetzler

11:30-11:44 a.m.

Jesus LaFuente, MD

CVJ Instability: Diagnosis and Management

11:45-11:59 a.m.

Volker K.H. Sonntag, MD, FAANS(L)

C1/C2 Fusion: Past, Present and Future

12-12:14 p.m.

Paul A. Gardner, MD, FAANS

Endonasal Endoscopic Approach to the CVJ: Indications
and Technique

12:15-12:29 p.m.

Chandranathan Sen, MD, FAANS

Posterolateral Approach to the CVJ:
Indications and Technique

12:30-12:44 p.m.

Atul Goel, MD, IFAANS

Management of Chiari Malformation: Thinking Outside the Box

12:45-12:59 p.m.

Discussion

Moderators and Speakers

Session III: Lunch 3D Video Session – CVJ Vascular Lesions and Tumors

Moderator: Carlos A. David, MD, FAANS

1-1:09 p.m.

Lunch Served

1:10-1:19 p.m.

Carlos A. David, MD, FAANS

1:20-1:29 p.m.

Luis Alencar Borba, MD, IFAANS

1:30-1:59 p.m.

Robert F. Spetzler, MD, FAANS

Vascular Lesions and Tumors at the CVJ

Session IV: Skull Base I

Moderators: Frederick G. Barker II, MD, FAANS; Randal W. Porter, MD, FAANS

2-2:14 p.m.

James T. Rutka, MD, PhD, FAANS

The Spetzler Legacy at the BNI: Seminal Publications in Journal of Neurosurgery from 1986-2016

2:15-2:29 p.m.

Nelson M. Oyesiku, MD, PhD, FAANS

The Spetzler Legacy at the BNI: Seminal Publications in Neurosurgery from 1986-2016

2:30-2:44 p.m.

Engelberg Knosp, MD

Pituitary Adenomas: Evolution of Classifications, Surgical Results and Techniques

2:45-2:59 p.m.

Gerardo Guinto-Balanzar, MD, FAANS

Anterior Skull Base Meningiomas: The Transcranial Approach is Superior...Most of the Time

3-3:14 p.m.

Fred Gentili, MD, FAANS, MSc

Anterior Skull Base Meningiomas: Arguments for the Endonasal Endoscopy Approach

3:15-3:29 p.m.

J. Andres Grotenhuis, MD, PhD, IFAANS

Suprasellar Tumors: How to Select the Right Approach

3:30-3:44 p.m.

Alexander Konovalov, MD

Craniopharyngiomas: A Lifetime of Lessons, Pitfalls and Surgical Results

3:45-3:59 p.m.

Discussion

Moderators and Speakers

4-4:29 p.m.

Break With Exhibitors

Session V: Skull Base II

Moderators: Nick Bambakidis, MD, FAANS; Cargill Alleyne Jr., MD, FAANS

4:30-4:44 p.m.

Franco Servadei, MD

Indications for Decompressive Craniotomies Worldwide: What Does the Future Hold After the Rescue ICP Study?

4:45-4:59 p.m.

Volker Seifert, MD, PhD

Petroclival Meningiomas: What Have We Learned and What Does the Future Hold

5-5:14 p.m.

Marcos S. Tatagiba, MD

Approaching the Petrous Apex: When is the "Reverse" Kawase a Superior Approach

5:15-5:29 p.m.

William T. Couldwell, MD, PhD, FAANS

Approaching the Cavernous Sinus Through the Orbit: Less Familiar But More Direct

5:30-5:44 p.m.

Ricardo Ramina, MD

Trigeminal Schwannomas: Classification, Surgical Technique and Results

5:45-5:59 p.m.

Basant Kumar Misra, MD

Decision Making in Skull Base Surgery

6-6:14 p.m.

Robert F. Spetzler, MD, FAANS

My Evolution in Managing Lesions Straddling the Temporal Bone and the CVJ

6:15-6:30 p.m.

Discussion

Moderators and Speakers

Friday, April 21, 2017

Session VI: Skull Base III

Moderators: Anil Nanda, MD, MPH, FAANS and John G. Golfinos, MD, FAANS

7:30-7:44 a.m.

Fredric B. Meyer, MD, FAANS

Extracranial Carotid Surgery for Tumors and Vascular Lesions

7:45-7:59 a.m.

Laligam N. Sekhar, MD, FAANS

Extreme Lateral Approach to Neoplastic and Vascular Lesions

8-8:14 a.m.

Vinko Dolenc, MD, PhD

The Cavernous Sinus: My Personal Journey

8:15-8:29 a.m.

Ali F. Krisht, MD, FAANS

The Cavernous Sinus: An Access Road and a Destination

8:30-8:44 a.m.

Takanori Fukushima, MD

Technical Innovations in Skull Base Surgery: My Personal Journey

8:45-8:59 a.m.

Ossama Al-Mefty, MD, FAANS

Future Treatment of All Acoustic Neuromas: Hear Me!

9-9:14 a.m.

Madjid Samii, MD, PhD

Vestibular Schwannomas: What are the Best Surgical Results and Can They Be Improved?

9:15-9:29 a.m.

Discussion

Moderators and Speakers

9:30-9:59 a.m.

Break With Exhibitors

Session VII: Cerebrovascular I

Moderators: Sepideh Amin-Hanjani, MD, FAANS; Giuseppe Lanzino, MD, FAANS

10-10:14 a.m.

Yuichi Murayama, MD

Natural History and Management of Unruptured Aneurysms: The Story Never Ends

10:15-10:29 a.m.

L. Nelson Hopkins III, MD, FAANS

Innovations in the Management of Cerebrovascular Disease and Stroke

10:30-10:44 a.m.

Juha Hernesniemi, MD, PhD

The Microsurgical Revolution: Rumors of its Demise are Grossly Exaggerated

10:45-10:59 a.m.

Michael Tymianski, MD, PhD

Outpatient Aneurysm Clipping: It is Not Fantasy

11-11:14 a.m.

Ralph G. Dacey Jr., MD, FAANS

MCA Aneurysms: Shape Analysis and Clipping Strategies

11:15-11:29 a.m.

Arthur L. Day, MD, FAANS

Aneurysms that Need a Good Clipping

11:30-11:44 a.m.

Ying Mao, MD

Surgical Management of Complex Aneurysms

11:45 a.m.-11:59 p.m.

Daniel Louis Barrow, MD, FAANS

When Intraoperative Rupture Strikes: Techniques to Lift You From the Abyss

12-12:14 p.m.

Discussion

Moderators and Speakers

Session VIII: Lunch 3D Video Session II – Aneurysms and Bypasses

Moderator: Fady T. Charbel, MD, FAANS

1:15-1:24 p.m.

Lunch Served

12:25-12:34 p.m.

Fady T. Charbel, MD, FAANS

12:35-12:44

Francisco Gonzalez-Llanos, MD

12:45-1:14 p.m.

Robert F. Spetzler, MD, FAANS

Aneurysm Clipping and Bypass Strategies

Session IX: Cerebrovascular II

Moderators: David J. Langer, MD, FAANS; E. Sander Connolly Jr., MD, FAANS

1:15-1:29 p.m.

Yong-Kwang Tu, MD, PhD

Long-term Results of High Flow EC-IC Bypass for the Treatment of Cerebrovascular Lesions and Skull Base Tumors

1:30-1:44 p.m.

Martin Sames, MD

Bypass Surgery for Ischemia After COSS

1:45-1:59 p.m.

Peter Vajkoczy, MD

Moyamoya Disease: From Pathogenesis to Surgical Management

2-2:14 p.m.

Jacques J. Morcos, MD, FAANS

Cerebrovascular Surgery: The Future is Not What it Used To Be

2:15-2:29 p.m.

Steven L. Giannotta, MD, FAANS

Training the Next Generation of Cerebrovascular Surgeons: State of the Nation

2:30-2:44 p.m.

Neil A. Martin, MD

The Next Generation in Neurovascular Imaging

2:45-2:59 p.m.

Edward H. Oldfield, MD, FAANS

Spinal Dural AV Fistulas and Other Vascular Lesions of the Spinal Cord

3-3:14 p.m.

Robert F. Spetzler, MD, FAANS

Spinal Cord Vascular Lesions: What We Have Learned

3:15-3:29 p.m.

Discussion

Moderators and Speakers

3:30-3:59 p.m.

Break With Exhibitors

Session X: Cerebrovascular III

Moderators: B. Gregory Thompson Jr., MD, FAANS; Joseph M. Zabramski, MD, FAANS

4-4:14 p.m.

Issam A. Awad, MD, FAANS

Cavernomas: Deconstructing a Neurosurgical Disease

4:15-4:29 p.m.

Kazuhiro Hongo, MD, IFAANS

Cavernomas of the Brainstem: When and How to Operate

4:30-4:44 p.m.

Luca Regli, MD, IFAANS

Cranial DAVFs: Who are the Best Surgical Candidates? Do Classification Systems Help?

4:45-4:59 p.m.

Roberto C. Heros, MD, FAANS(L)

Surgical Management of Cranial Dural AV Fistulas

5-5:14 p.m.

Felipe C. Albuquerque, MD, FAANS

Complex DAVFs: Contemporary Endovascular Management

5:15-5:29 p.m.

Mika Niemela, MD, PhD, IFAANS

Natural History of AVMs: Lessons from a Long-term Database

5:30-5:44 p.m.

Michael K. Morgan, MD, IFAANS

AVM Surgery: Proving Superiority Over Natural History

5:45-5:59 p.m.

Michael T. Lawton, MD, FAANS

AVM Surgery: Technical Subtleties

6-6:14 p.m.

Evandro Pinto da Luz de Oliveira, MD, PhD, IFAANS

The Spetzler-Martin AVM Classification Does Not Apply to Posterior Fossa AVMs

6:15-6:29 p.m.

Robert F. Spetzler, MD, FAANS

Brain AVMs: Conceptual and Technical Advances in Classification and Management

6:30-6:45 p.m.

Discussion

Moderators and Speakers

7:30-10:30 p.m.

Reception and Dinner