



# 2nd Rhoton Society **Virtual Meeting** and 8th International **Zoomposium** on Microneurosurgical Anatomy

**September 11-13 & 18-20, 2020 – Hosted by Stanford University**

**“Tradition & Innovation”**

## AGENDA

[HTTPS://STANFORD.CLOUD-CME.COM/RHOTON2020](https://stanford.cloud-cme.com/rhoton2020)

(PROGRAM SUBJECT TO CHANGE)

DAY 1 (SEPT 11/12): FIRST PACIFIC SESSION	Sept 11: 5PM PDT/ 8PM EDT / 9 PM S. America Sept 12: Turkey 3 AM / China 8 AM / Japan 9 AM
5:00-5:15 PM	<b>Welcome &amp; Introduction</b> – Professor Rhoton: Master & Mentor Juan Fernandez-Miranda and All Board Members
5:15-5:45 PM	<b>Presidential Address</b> – History of Microneurosurgical Anatomy Shigeaki Kobayashi
5:45-6:15 PM	<b>Special Lecture</b> – Al Rhoton Jr., MD: His Philosophy, Achievements and Legacy Toshio Matsushima
	<b>Cerebrovascular Samurais</b> Moderators: Hiroshi Abe & Hung Tzu Wen All Lectures 15 min + 5 min Q/A
6:15-6:35 PM	The Battlefield of Aneurysm Surgery: The Surgical Anatomy of the Arachnoid Membranes and Cisterns Kohei Inoue
6:35-6:55 PM	Anatomy and Surgery of Paraclinoidal Aneurysms Art Day
6:55-7:15 PM	Anatomy of the Sylvian Fissure & Surgery of Middle Cerebral Artery Aneurysms Hung Tzu Wen
7:15-7:35 PM	Anatomy and Surgery of Anterior Cerebral Artery Aneurysms Mustafa Baskaya
7:35-7:55 PM	Anatomy and Surgery of Basilar Bifurcation Aneurysm Kazuhiro Hongo

7:55-8:15 PM	Anatomy of the Cerebello-Medullary Fissure and Surgery of PICA Aneurysms Hiroshi Abe
8:15-8:35 PM	Unlock the Cavernous Sinus and Behold the Posterior Circulation Aneurysms Rokuya Tanikawa
8:35-8:55 PM	Innovation in Cerebrovascular Surgery Gary Steinberg
8:55-9:15 PM	Q/A & Discussion
DAY 2 (SEPT 12/13): FIRST ATLANTIC SESSION	Sept 12: 8AM PDT/ 11 AM EDT/ 12 PM S. America/ 4 PM GMT/ 6 PM Turkey / 8:30 PM India/ 11 PM China Sept 13: Japan 12 AM
	<b>Contemporary Skull Base Surgery: 6+1 Skull Base Approaches</b> Moderators: Juan Fernandez-Miranda & Paul Gardner All Lectures 15/25 min + 5 min Q/A
8:00-8:15 AM	Surgical Anatomy for Transcranial Skull Base Approaches Maria Peris Celda
8:15-8:30 AM	Surgical Anatomy for Endonasal Skull Base Approaches Kumar Abhinav
8:30-9:00 AM	6+1 Skull Base Approaches Juan Fernandez-Miranda
9:00-9:20 AM	Modified Subfrontal Transbasal Approach vs EEA James Liu
9:20-9:40 AM	Fronto-Orbital Approach vs EEA Daniel Prevedello
9:40-10:00 AM	Extended Middle Fossa Approach vs EEA Paul Gardner
10:00-10:30 AM	Q/A & Panel Discussion – Moderators: Juan Fernandez-Miranda/Paul Gardner Panelists: Pablo Recinos and Daniel Kelly

10:30-10:50 AM	Combined Transpetrosal Approach vs EEA Shaan Raza
10:50-11:10 AM	Extended Retrosigmoid Approach vs EEA Nathan Zwagerman
11:10-11:30 AM	Far/Extreme Lateral Approach vs EEA Sebastien Froelich
11:30 AM-12:00 PM	Q/A & Panel Discussion – Moderators: Juan Fernandez-Miranda/Paul Gardner Panelists: Varun Kshetry and Georgios Zenonos
12-1 PM	1 HOUR BREAK
DAY 2 (SEPT 12/13): SECOND ATLANTIC SESSION	Sept 12: 1 PM PDT / 4 PM EDT / 5 PM S. America / 9 PM GMT / 11 PM Turkey Sept 13: China 4 AM/ Japan 5 AM
	<b>Evandro de Oliveira: Mastery, Legacy &amp; Philosophy</b> Moderator: Hung Tzu Wen
1:00-1:20 PM	Evandro de Oliveira: The Supreme Art of Microneurosurgery Juan Fernandez-Miranda
1:20-2:00 PM	Masterpieces (by Evandro de Oliveira) Hung Tzu Wen & Mateus R. Neto
2:00-2:20 PM	Cavernous Sinus Anatomy Vicent Quilis
2:20-2:40 PM	Things I learn with Prof. de Oliveira Carolina Martins
2:40-3:00 PM	Anatomy and Approaches to the Region of the Posterior Incisural Space Antonio Mussi
3:00-3:20 PM	The Impact of Evandro´s Philosophy: Personal Perspective Pablo Rubino

3:20-3:40 PM	Evandro & Paraclinoid Aneurysms Jorge Mura
3:40-4:00 PM	Craniovertebral Junction and Spinal Tumors: Microneuroanatomy Nuances Alberto Carlos Capel Cardoso
4:00-4:30 PM	Q/A & Discussion
4:30-5:00 PM	30 MINUTE BREAK
DAY 2 (SEPT 12/13): SECOND ATLANTIC SESSION	Sept 12: 5 PM PDT / 8 PM EDT / 9 PM S. America Sept 13: Turkey 3 AM / China 8 AM / Japan 9 AM
	<b>Bypass Surgery: To boldly go...</b> Moderators: Xiaoguang Tong, Michael Lawton, & Mustafa Baskaya All Lectures 15/25 min + 5 min Q/A
5:00-5:10 PM	Introduction Xiaoguang Tong, Michael Lawton, & Mustafa Baskaya
5:10-5:30 PM	Cerebral Revascularization: Anatomical Basis of Surgery Masatou Kawashima
5:30-6:00 PM	A Journey of One Thousand Miles in Cerebral Bypass— From Laboratory Training to Complex Vascular and Neoplastic Cases Mustafa Baskaya
6:00-6:20 PM	Cerebral Revascularization for Ischemia and Moyamoya: What We Owe Pythagoras, Bernouilli, Poiseuille, and Others Jacques Morcos
6:20-6:40 PM	Subtemporal Approach for STA-SCA and STA-PCA Bypass Hiroshi Abe
6:40-7:10 PM	<b>Special Lecture:</b> Kamiyama's Instruments and Surgeries Rokuya Tanikawa

7:10-7:40 PM	Cerebral Revascularization on the Edge: The Extreme and the Emergent Xiaoguang Tong
7:40-8:10 PM	<b>Special Lecture:</b> Innovations in Cerebral Revascularization Michael Lawton
8:10-8:30 PM	Q/A & Discussion
8:30-10:00 PM	1.5 HOURS BREAK
DAY 2 (SEPT 12/13): MIDDLE EAST SESSION	Sept 12: 10 PM PDT Sept 13: EDT 1 AM/ S. America 2 AM/ Spain-France 7 AM / Turkey 8 AM / China 1 PM / Japan 2 PM
	<b>White Matter Anatomy &amp; Complex Brain Surgery</b> Moderators: Abuzer Gungor & Juan Fernandez-Miranda All Lectures 15/25 min + 5 min Q/A
10:00-10:10 PM	Introduction Abuzer Gungor & Juan Fernandez-Miranda
10:10-10:30 PM	White Matter Anatomy of the Cerebrum Abuzer Gungor
10:30-10:50 PM	Correlation of Anatomical and Functional Mapping for Brain Tumors Juan Martino
10:50-11:10 PM	Microsurgical Anatomy of the Medial Temporal Lobe & Hippocampal Arteries Yuanzhi Xu
11:10-11:30 PM	Beyond Brain Mapping: Microsurgical Anatomy Applied to Tumors of the Medial Temporal Lobe Juan Fernandez-Miranda
11:30-11:50 PM	White Matter Tracts of the Cerebellum Akin Akakin
11:50 PM-12:10 AM	Microsurgical Anatomy of the Central Core Vanessa Holanda

12:10-12:30 AM	The Intrinsic Beauty of the Brainstem Fiber Tracts Max Nunez
12:30-12:50 AM	Fiber Tractography for Presurgical Planning of Brainstem and Cranial nerves Timothee Jacqueson
12:50-1:10 AM	Surgical Approaches to Diffuse Pontine Gliomas Askin Seker
1:10-1:40 AM	<b>Special Lecture:</b> Impact of White Matter Dissection for Microneurosurgical Procedures Ugur Ture
1:40-2:00 AM	Q/A & Discussion
DAY 3 (SEPT 18/19): THIRD PACIFIC SESSION	Sept 18: 5 PM PDT / 8 PM EDT / 9 PM South America Sept 19: Turkey 3 AM / India 5:30 AM / China 8 AM / Japan 9 AM
	<b>Brainstem &amp; Posterior Fossa Surgery</b> Moderators: Shigeaki Kobayashi, Toshio Matsushima, Juan Fernandez-Miranda & Aaron Cohen-Gadol All Lectures 15/25 min + 5 min Q/A
5:00-5:05 PM	Introduction
5:05-5:20 PM	Rule of 3 in Posterior Fossa and CPA Ken Matsushima
5:20-5:35 PM	Microvascular Decompression Surgery – Surgical Anatomy and Procedures Toshio Matsushima
5:35-6:05 PM	Surgery for Vestibular Schwannomas and Other CPA Tumors - Surgical Anatomy and Approach Selection Michihiro Kohno
6:05-6:25 PM	Microsurgical Anatomy of the Pineal region Satoshi Matsuo
6:25-6:45 PM	Surgery for Pineal Region Tumors Aaron Cohen-Gadol

6:45-7:00 PM	Surgical Anatomy of the Petroclival Region from Transcranial Perspective Stefan Lieber
7:00-7:20 PM	Jugular Foramen: Anatomy & Surgery Jeffrey Sorenson & Jon Robertson
7:20-7:50 PM	Transpetrosal Approach and Surgery for Petroclival Meningioma Kenji Ohata
7:50-8:20 PM	Endoscopic Subtemporal or Petrous Tip Approach for Brainstem Lesions Kiyoshi Saito
8:20-8:50 PM	<b>Special Lecture</b> – Understanding Dural Anatomy of Tumors and Planning Surgery Atul Goel
8:50-9:00 PM	Q/A & Panel Discussion
DAY 4 (SEPT 19/20): THIRD ATLANTIC SESSION	Sept 19: 8 AM PDT/ 11 AM EDT/ 12 PM S. America/ 4 PM GMT/ 6 PM Turkey / 8:30 PM India/ 11 PM China Sept 20: Japan 12 AM
	<b>The Inseparable Twins: Cerebrovascular and Skull Base Surgery</b> Moderators: Jacques Morcos & Pablo Rubino All Lectures 15 min + 5 min Q/A
8:00-8:10 AM	Introduction Jacques Morcos & Pablo Rubino
8:10-8:30 AM	Skull Base Anatomy for the Cerebrovascular Microsurgeon Vicente Quillis
8:30-8:50 AM	Cerebrovascular Anatomy for the Skull Base Tumor Surgeon Marcos Chiarullo
8:50-9:10 AM	How Inseparable Are They? Parasitism or Synergy? Jacques Morcos
9:10-9:30 AM	Perfecting the "Far Lateral" Approach to Tumors and Vascular Lesions Pablo Rubino

9:30-9:40 AM	Q/A & Discussion
9:40-10:10 AM	<b>Special Lecture:</b> Transforming an Obstacle Into a Highway: The Pilgrimage to the Basilar Artery and the Navigation Through the Cavernous Sinus Ali Krisht
10:10-10:30 AM	Utilizing Microneuroanatomy in Designing Minimally Invasive Approaches to Skull Base Lesions Jorge Mura
10:30-10:50 AM	Challenges with Arteries and Veins in Skull Base Surgery William Couldwell
10:50-11:10 AM	The Art of Intraoperative Decision Making in Cerebrovascular Surgery and Skull Base Surgery Aaron Cohen-Gadol
11:10-11:20 AM	Q/A & Discussion
11:20 AM-12:00 PM	Panel discussion - Moderators: Jacques Morcos/Pablo Rubino Panelists: Nick Bambakidis, Mustafa Baskaya, Sebastien Froelich, Basant Misra, & Ugur Ture
12-1 PM	1 HOUR BREAK
DAY 4 (SEPT 19/20): FOURTH ATLANTIC SESSION	Sept 19: 1 PM PDT / 4 PM EDT / 5 PM S. America / 9 PM GMT/ 11 PM Turkey Sept 20: China 4 AM / Japan 5 AM
	<b>Labs, 3D &amp; Team Work</b> Moderators: Carolina Martins & Jeffrey Sorenson
1:00-1:20 PM	<b>Special Lecture:</b> Family Reflections on Our Amazing Journey with Dad Alice Rhoton
<b>1:20-2:20 PM</b>	Microneurosurgical Labs around the World
1:20-1:35 PM	Lab Training: What Can It Do For a Neurosurgeon's Education? Alvaro Campero
1:35-1:50 PM	US – Maria Peris Celda
1:50-2:05 PM	Brazil – Hung Tzu Wen



2:20-2:30 PM	Q/A & Discussion
<b>2:30-3:25 PM</b>	Working as a Team in a Microneurosurgical Anatomy Lab
2:30-2:45 PM	Medical Illustration: Its Role in an International Microsurgical Anatomy Lab Joshua Klein
2:45-3:00 PM	Publications: Editorial Support in an International Microsurgical Anatomy Research Lab Ms. Laura Dickinson
3:00-3:15 PM	The Role of a Lab Director in an International Microsurgical Anatomy Lab Mr. Ron Smith
3:15-3:25 PM	Q/A & Discussion
<b>3:25-4:40 PM</b>	Methods and Techniques in Microneurosurgical Anatomy
3:25-3:55 PM	<b>Special Lecture:</b> 3D & Microsurgical Neuroanatomy Guilherme Ribas
3:55-4:10 PM	Acquiring and Enhancing Anatomical Images Hüseyin Biçeroğlu
4:10-4:25 PM	Photogrammetry in Microneurosurgical Education Vera Vigo
4:25-4:40 PM	Archives & Collections Jeffrey Sorenson
4:40-4:55 PM	Innovations in Surgical Neuroanatomy Education and Training Eduardo Carvalhal Ribas
4:55-5:00 PM	Q/A & Discussion

**Endoscopic Endonasal Surgery: Pushing the Limits, Finding the Boundaries**

Moderators: Takeo Goto & Juan Fernandez-Miranda

All Lectures 15 min + 5 min Q/A

5:00-5:10 PM	Introduction Takeo Goto & Juan Fernandez-Miranda
5:10-5:30 PM	Surgical Anatomy of the Cavernous Sinus and its Adjacent Area from a 360° Perspective Masahiro Tanji
5:30-5:50 PM	Transcranial and Endonasal Cavernous Sinus Surgery - Combined Open and Endonasal Approach Tadashi Watanabe
5:50-6:10 PM	Resection of the Medial Wall of the Cavernous Sinus: Game-changing Technique in Endoscopic Endonasal Pituitary Surgery Ahmed Moyheldin
6:10-6:30 PM	Endonasal Endoscopic Clipping of Aneurysms: Indications, Technique & Outcomes Tao Hong
6:30-6:50 PM	Q/A & Discussion
6:50-7:10 PM	Surgical Anatomy of the Petroclival Region & Foramen Lacerum Weishin Wang
7:10-7:30 PM	Endoscopic Endonasal Surgery for Petroclival Meningiomas Takeo Goto
7:30-7:50 PM	Challenging Chordomas and Petrous Apex Tumors Paul Gardner
7:50-8:10 PM	From the Lab to the OR: Innovations in Endoscopic Endonasal Skull Base Surgery Juan Fernandez-Miranda
8:10-8:30 PM	Q/A & Discussion
8:30 PM	Final Remarks