

SIMI 2024

Buenos Aires VIII Stroke Summit

Tuesday, September 10, 2024

HEMORRHAGIC STROKE

07:00 – 18:30 *On-site Accreditation ALVEAR ICON Hotel – Hall A*

08:00 – 08:05 **OPENING** *Dr. Pedro Lylyk*

08:05 - 08:20 **Arterial cerebrovascular anatomy: Microanatomy of the external carotid artery and anastomoses.**

Dr. Eduardo Bravo (Chile)

08:20 – 08:35 **Curative transvenous-transnidal approach for AVMs treatment.**

Dr. Claudio Rodriguez Fernandez (Spain)

08:35 – 08:55 **Advance technique for AVMs Treatment**

Dr. Daniel Abud (Brasil)

08:55 – 09:00 **Q&A**

09:00 – 09:15 **DAVf treatment: Venous access.**

Dr. José María Modenesi Freitas (Brasil)

09:15 – 09:30 **Arterial and Vein Balloons for AVMs treatment.**

Dr Daniel Abud (Brasil)

09:30 – 09:45 **Cerebral Revascularization for Moya-Moya disease**

Dr. Luis Savastano (EEUU)

09:45 – 10:00 **Q&A BREAK**

10:00 – 10:20 **Intrasaccular Technologies and New Frontiers**

Dr. Boris Pabon (Colombia)

10:20 – 10:35 **Predictors of Occlusion with WEB - The Semmes-Murphey Institute Experience
Memphis Tennessee**

Dr. Lucas Eljovich (EEUU)

10:35 - 10:50 **Where do aneurysms grow and rupture?**

PhD. Juan Cebal (EEUU)

10:50 – 11:05 **Endosaccular flow disruption and flow diversion: What's Next?
Photobiomodulation?**

Dr. Ajay Wakhloo (EEUU)

11:05 – 11:20 **Bioresorbable flow diverters for the treatment of intracranial aneurysms: Future
Directions**

Dr. David Kallmes (EEUU)

11:20 – 11:35 **Q&A**

11:35 – 11:45 **Dural blood supply**

Dr. Seon-Kyu Lee (EEUU)

11:45 – 12:00 **Embolization of the Middle Meningeal Artery for the Treatment of Chronic
Subdural Hematoma**

Dr. Luis Savastano (EEUU)

12:00 – 12:15 **cSDH-MMA embolization- Birth of a new endovascular field**

Dr. Ajay Wakhloo (EEUU)

12:15 – 12:30 **Venous Pressure monitoring Sand stenting in patients with idiopathic intracranial
Hypertension**

Dr Adnan Siddiqui (EEUU)

12:30 – 12:45 **Minimally invasive treatment for intracerebral hemorrhages**

Dr. Luis Savastano (EEUU)

12:45 – 13:00 **Q&A**

13:00 – 13:30 LUNCH & SPONSORED SYMPOSIUM

13:00 – 13:15 Medtronic Dr. Pedro Lylyk

13:15 – 13:45 Brain Waves: BCI (Brain Computer interface) & DBS (Deep Brain Stimulation) Symposium

- **Synchron's Endovascular Brain Computer Interface (BCI)**
Dr. Johanna Fifi & Dr. J. Mocco (EEUU)
- **Adaptive deep brain stimulation for Parkinson's disease**
Dr. Phillip Starr (EEUU)

13:45 – 14:00 **BREAK**

14:00 – 14:15 **Intrasaccular devices pearls and pitfalls**

Dr. Pascal Jabbour (EEUU)

14:15 – 14:30 **Acute phase flow diversion with Monotherapy? p48/p64MW HPC under prasugrel SAT in ruptured aneurysms**

Dr. Hans Henkes (Germany)

14:30 – 14:45 **Study of fibrin accumulation on flow diverters**

PhD. Juan Cebal (EEUU)

14:45 – 14:55 **Q&A**

14:55 – 15:10 **Flow Diverter Braid deformation**

Dr. Jens Fielher (Germany)

15:10 – 15:25 **Flow conditions that affect the aneurysm wall**

PhD. Juan Cebal (EEUU)

15:25 – 15:40 **High resolution characterization of intracranial artery disease by neuro optical coherence tomography**

PhD. Giovanni Ughi (EEUU)

15:40 – 15:55 **Round Table Robotics**

Dr. Adnan Siddiqui, Dr. Pascal Jabbour, Dr. Ajay Wakhloo

Neurovascular Robotics

Dr. Pascal Jabbour (EEUU)

15:55 – 16:00 **Q&A**

16:00 – 16:15 **The Nautilus device: A novel neck bridging concept for bifurcation aneurysms**

Dr. Adnan Siddiqui (EEUU)

16:15– 16:30 **Treatment of MCA aneurysms with new generation low profile FD combined with prolonged DAT: Covered branch analysis.**

Dr. Ivan Lylyk (Argentina)

16:30 – 16:45 Discussion

BREAK

16:45 - 17:00 **Posthemorrhagic vasospasm: pRELAX for improved angiographic and clinical outcome**

Dr. Hans Henkes (Germany)

17:00 - 17:15 **Biomimetic Endovascular Shunt for Hydrocephalus**

Dr. Pedro Nicolas Lylyk

17:15 - 17:30 **Translumbar CSF access for 3rd ventriculostomy and neuromodulation.**

Dr. Ajay Wakhloo (EEUU)

17:30 – 17:45 **Management of complications during acute endovascular hemorrhagic treatment**

Dr. Nestor Gonzalez (EEUU)

17:45 - 18:00 **Discussion**

20:00 – 22:00 OPENING CEREMONY

- ***Dementia, Aging & Artificial Intelligence***

Prof. Dr. Luis Ignacio Brusco (Argentina)

- ***Advertise WFITN***

Dr. Seon-Kyu Lee (EEUU)

Wednesday, September 11, 2024

ISCHEMIC STROKE

07:00 – 18:30 *On-site Accreditation ALVEAR ICON Hotel – Hall A*

08:00 – 08:05 **OPENING** *Dr. Tudor Jovin*

08:05 - 08:20 **Radial Approach for INR's**

Dr. Boris Pabon (Colombia)

08:20 – 08:35 **Percutaneous carotid artery access and closure system: are we ready for PCAR?**

Dr. Ajay Wakhloo (EEUU)

08:35 – 08:50 **Intravascular lithotripsy for highly calcific carotid artery stenosis**

Dr. Adnan Siddiqui (EEUU)

08:50 – 09:05 **State of the Art: Management of Carotid Disease**

Dr. Pascal Jabbour (EEUU)

09:05 – 09:20 **Q&A**

09:20 – 09:35 **The new scenario in the selection of patients for MT**

Dr. Marc Ribo (Spain)

09:35 – 09:50 **Challenges in stroke treatment**

Dr. Pascal Jabbour (EEUU)

09:50 – 10:05 **Neuroprotection Agents in Stroke**

Dr Tudor Jovin (EEUU)

10:05 – 10:10 **Q&A**

10:10 – 10:30 **BREAK**

10:30 – 10:50 **ROUND TABLE Artificial intelligence**

Dr. Tudor Jovin, Dr. Marc Ribo, Dr. Greg Albers

AI for Stroke Interventions

Dr. Greg Albers (EEUU)

10:50 – 11:05 **Endovascular Therapy for Late Window Ischemic Stroke Patients Selected by Automatic Plain Computerized Tomography**

Dr. Tudor Jovin (EEUU)

11:05 – 11:20 **Thrombectomy techniques: lessons from 3D models**

Dr. Marc Ribo (Spain)

11:20 – 11:30 **Q&A**

11:30 – 11:45 **The Q System - New Technology for Aspiration Thrombectomy**

Dr. Lucas Eljovich (EEUU)

11:45 – 12:00 **Large ischemic core stroke treatment**

Dr. Tudor Jovin (EEUU)

12:00 – 12:15 **MeVo & distal Mechanical Thrombectomy**

Dr. Boris Pabon (Colombia)

12:15 – 12:30 **Q&A**

12:30 – 13:00 Break

13:00 – 13:30 LUNCH & SPONSORED SYMPOSIUM

13:00 – 13:15 Phenox *Dr Esteban Scrivano & Dr Javier Lundquist*

13:15 – 13:30 Stryker: SCENT trial subgroup analysis *Dr. Ajay Wakhloo (EEUU)*

13:30 – 13:45 Microvention *Dr Boris Pabon*

13:45 - 14:00 Break

14:00 – 14:15 **Dual stent Thrombectomy: Rescue or first choice?**

Dr. Marc Ribo (Spain)

14:15 – 14:30 **Final Results of the EVAQ Trial**

Dr. Lucas Eljovich (EEUU)

14:30 – 14:45 **Cyclic Aspiration System: A precision technology**

Dr. Marc Ribo (Spain)

14:45 – 15:00 **New paradigm for revascularization of chronic cervical internal carotid occlusions switching from surgical to endovascular bypass**

Dr. Adnan Siddiqui (EEUU)

15:00 – 15:10 **Q&A**

15:10 – 15:25 **The treatment of cervical artery dissections with dual antiplatelet medication plus anticoagulation**

Dr. Hans Henkes (Germany)

15:25 – 15:40 **ICAD treatment approach**

Dr. Marc Ribo (Spain)

15:40 – 15:55 **Assessment of hemodynamics for treatment of symptomatic intracranial atherosclerotic disease**

Dr. Adnan Siddiqui (EEUU)

15:55 – 16:10 **The treatment of basilar artery atherosclerotic stenoses with the Solitaire (no balloon = no slowplough phenomenon)**

Dr. Hans Henkes (Germany)

16:10 – 16:20 **Q&A**

16:20 – 16:35 BREAK

16:35 - 16:50 **IAC for retinoblastoma: A 15-year journey**

Dr. Pascal Jaubour (EEUU)

16:50 – 17:05 **Retinoblastoma treatment. Argentina experience**

Dr. Flavio Requejo (Argentina)

17:05 - 17:20 **Pediatric Intracranial AV Shunts & Vein of Galen**

Dr. Lucas Elijovich (EEUU)

17:20 – 17:35 **Transuterine ultrasound-guided fetal embolization of vein of Galen.**

Dr. Lucas Elijovich (EEUU)

17:35 – 17:45 **Q&A**

17:45 - 18:00 **Neuro-oncology: IA therapy for malignant brain tumor**

Dr. Peter Kan (EEUU)

18:00 - 18:15 **New approach for MT, using the Robotic Adaptive Tiger Device**

Dr. Boris Pabon (Colombia)

18:15 – 18:30 **Complications during MT**

Dr. Nestor Gonzalez (EEUU)

Discussion

Thursday, 12 September 2024

NEURO-CARDIOLOGY

07:00 – 17:00 **On-site Accreditation ALVEAR ICON Hotel – Hall**

08:00 – 08:05 **OPENING** *Dr. Pedro Lylyk*

08:05 – 10:30 **Neuro-cardiology 1**

08:05 - 08:20 **Prehospital Care for Patients with Stroke and Myocardial Infarction.**

Dra. Debora Vizcaino (Argentina)

08:20 - 08:40 **Blood-Brain Barrier in Acute Stroke in Neuroimaging**

Dra. Rosana Salvático (Argentina)

08:40 - 08:55 **Prognostic Value of Coronary Inflammation Through Perivascular Fat and its Potential Cerebrovascular Application.**

Dr. Gastón Rodríguez Granillo (Argentina)

08:55 - 09:10 **Inflammatory Markers and Stroke Subtypes: A New Diagnostic and Therapeutic Frontier?**

Dr. Juan J. Cirio (Argentina)

09:10 - 09:25 **Q&A**

09:25 - 09:40 **Endovascular Management of Venous sinus Thrombosis**

Dr. Hans Henkes (Germany)

09:40 - 09:55 **Differences and Similarities in Reperfusion Therapies between AMI and Ischemic Stroke.**

Dr. Sebastian Nani (Argentina)

09:55 - 10:10 **Biomarkers and Diagnostic Keys for Classification of Patients with ESUS.**

Dra. María Marta Esnaola (Argentina)

10:10 – 10:25 **BOEHRINGER SYMPOSIUM**

New Pharmacological Reperusión Treatments In Ischemic Stroke

Dra. Celina Ciardi (Argentina)

10:25- 10:40 **Q&A**

10:40 – 11:00 **BREAK**

11:00 – 13:00 **Neuro-cardiology 2**

11:00 – 11:15 **Blood Pressure Management in Ischemic and Hemorrhagic Stroke**

Dr. Martin Koretzky (Argentina)

11:15 – 11:30 **Carotid Web: An Under-recognized Cause of Ischemic Stroke**

Dr. Nicolas Perez Argentina

11:30 – 11:50 **Direct Transfer to Angiosuite in Acute Stroke: Why, When, and How?**

Dr. Marc Ribó (Spain)

11:50 – 12:00 **Q&A**

12:00 – 12:15 **Key Echocardiographic Points for the Management of PFO Closure.**

Dr. Martin Fernandez (Argentina)

12:15 – 12:30 **New Devices for the Study of High-Risk Paroxysmal Atrial Fibrillation.**

Dr. Carlos Perona (Argentina)

12:30 – 12:45 Update Treatment of High-Risk Chronic Atrial Fibrillation in Stroke Patients.

Dr. Nicolas Martinenghi (Argentina)

12:45 – 13:00 Q&A

13:00 – 13:30 LUNCH & SPONSORED SYMPOSIUM

13:00 – 13:15 Philips PhD. Alexander Haak & Dr. Carlos Bleise

13:15 – 13:30 Occudyne Dr Lylyk Pedro

13:30 – 13:45 Cerevasc Dr. Lylyk Pedro

13:45 – 14: 00 BREAK

14:00 – 16:00 Neuro-cardiology 3

14:00 – 14:15 Endovascular Treatment of Aortic Arch Aneurysms with New Generation Endograft

Dr. Mariano Ferreira (Argentina)

14:15 – 14:30 Endovascular surgical simulation during Fellowship training

Dr. Gelson Kope (Brasil)

14:30 – 14:45 Doppler Evaluation of Cardio-Cerebral Coupling.

Dr. Ignacio Previgliano (Argentina)

14:45 – 14:50 Q&A

14:50 – 15:05 Management of Cardiopulmonary Complications in Neurocritical Patients.

Dra. Antonella Sacco (Argentina)

15:05 – 15:20 New Concepts for the Management of Metabolic Syndrome and Diabetes.

Dr. Fernando Botto (Argentina)

15:20 – 15:35 Ischemic Stroke in Patients with Different Types of Heart Failure.

Dr. Guillermo Bortman (Argentina)

15:35 – 15:50 **State of the Art: Management of Carotid Disease**

Dr. Pascal Jabour (EEUU)

15:50 – 16:00 **Discussion**

BREAK

16:30 – 18:15 **Neuro-cardiology 4**

16:30 – 16:45 **Is a Peripheral Arteriopathy or Peripheral Neuropathy? Differentiation of Complex Patients.**

Dr. José L. Di Pace (Argentina)

16:45 – 16:55 **The Gut-Brain Axis: Microbiota Functionality**

Bsc. Carolina Arnone (Argentina)

16:55 – 17:10 **Percutaneous Occlusion of the Left Atrial Appendage in Cardioembolic Stroke.**

Dr. Pablo Spaletta (Argentina)

17:10 – 17:20 **Q&A**

17:20 – 17:35 **News in the Therapeutic Management of Epilepsy in the Post-Stroke Patient.**

Dra. Carla Portinari (Argentina)

17:35 – 17:50 **Mental Training: Brain Response to Stimulus with New Activities.**

Dra. Carol Kotliar (Argentina)

17:50 – 18:05 **New Technologies in the Neurological Patient Rehabilitation Program.**

Dr. Lisandro Olmos (Argentina)

18:05 – 18:20 **Clinical Case Presentation**

CONAREC (Argentina)

DISCUSSION & FINAL COMMENTS

Thursday, September 12, 2024

DIAGNOSIS AND TREATMENT OF SPINE DISEASE

07:00 – 16:30 *On-site Accreditation ALVEAR ICON Hotel – Hall B*

08:30 - 08:50 **Exploring the Frontiers of Spinal Interventionism: Innovations and Future Perspectives**

Dr. Claudio Rodríguez Fernández (Spain)

08:50 - 09:10 **Venous Angiographic Evaluation of the Spinal Cord**

Dr. José María Modenesi Freitas (Brazil)

09:10 - 09:30 **Approach for CSF leak localization and Management**

Dr. Claudio Rodríguez Fernández (Spain)

09:30 - 09:50 **Minimally invasive treatment in spinal tumors**

Dr. Marcelo Orellana (Argentina)

09:50 - 10:10 **Surgical treatment of spinal AVMs**

Dr. Andrés Cervio (Argentina)

10:10 - 10:30 **Intra-osseous Basivertebral Nerve Ablation in the Treatment of Vertebrogenic Pain**

Dr. Claudio Rodríguez Fernández (Spain)

10:30 – 10:40 **Q&A**

10:40 – 11:00 **BREAK**

11:00 - 11:20 **Surgical treatment of Cervical Disc Disease**

Dr. Andrés Cervio (Argentina)

11:20 - 11:40 **Pain treatment in Patients with Spine Pathology**

Dra. Maria Valentina Cantarella (Argentina)

11:40 - 12:00 **Percutaneous treatment of cervical disc herniations: A retrospective analysis**

Dr. Claudio Rodríguez Fernández (Spain)

12:00 - 12:20 **Surgical approach to the lumbar spine**

Dr. Pablo Marino (Argentina)

12:20 - 12:40 **Interventional treatment of osteo-discal pathology**

Dr. Claudio Rodríguez Fernández (Spain)

12:40 - 13:00 **Endocisternal Neural Interface (ECI) for Minimally Invasive Stimulation and Recording of the Brain and Spinal Cord".**

Dr Peter Kan (EEUU)

13:00 – 13:20 **Functional neurosurgery applied to pain treatment**

Dr. Leonardo Chang (Argentina)

13:20 -13:40 **Interventional Procedures for spinal tumor Diseases**

Dr. Claudio Rodríguez Fernández (Spain)

Thursday, September 12 2024

ECHOCARDIOGRAPHY AND DOPPLER UPDATE COURSE

07:00 – 16:30 *On-site Accreditation ALVEAR ICON Hotel – Hall C*

08:30 - 09:00 **Ultrasound Physics and instrumentation**

PhD. Albana Guiffrey (Argentina)

09:00 - 09:30 **Transcranial Doppler**

Dra. Carla Carrueg (Argentina)

09:30 - 10:00 **Ophthalmic Doppler. Membranopathies.**

Dra. María Valeria Arch (Argentina)

10:00 - 10:30 **Doppler of neck vessels.**

Dr. Francisco Lamus (Colombia)

10:30 - 11:00 **BREAK**

11:00 - 11:30 **Contribution of color Doppler to breast ultrasound.**

Dra. María Cecilia Alegre (Argentina)

11:30 - 12:00 **Splenoportal Doppler**

Dra. Carla Donaldson (Bolivia)

12:00 - 12:30 **Renal Doppler in arterial hypertension.**

Dra. Maria Florencia Fanti (Argentina)

12:30 - 13:00 **Pelvic and lower limb venous Doppler.**

Dra. Maria Belen Campagno (Argentina)

13:00 – 14:00 **BREAK**

14:00 - 14:30 **Thyroid Doppler**

Dr. Juan Fanti (Argentina)

14:30 - 15:00 **Arterial Doppler of lower limbs.**

Dra. Carina Hasbani (Argentina)

15:00 - 15:30 **Basic concepts of dermatological ultrasound.**

Dra. Mariana Kuyumllian (Argentina)

15:30 – 16:00 **Classification and imaging diagnosis of vascular anomalies.**

Dr. Dario Javier Teplisky (Argentina)

Thursday, September 12 2024

Nurse, Tech, Physiotherapist & Nutritionist

07:00 – 18:00 *On-site Accreditation ALVEAR ICON Hotel*

15:00 - 15:05 **OPENING**

Bsc. Wlademiro Carlos Maryszczyn (Argentina)

15:05 - 15:25 **KIDNEY DENERVATION New therapy for the treatment of Arterial Hypertension.**

Lic. Mauro Intorre (Argentina)

15:25 - 15:45 **Nursing care in patients with minimally invasive treatment.**

Embolization of cerebral aneurysms.

Bsc. Jenifer Bastos Santos (Argentina)

15:45 - 16:00 **Technical Approach to AVMs**

RT. Facundo Jemar (Argentina)

16:00 - 16:15 **The ABCs of the Weaning fail**

Bsc. Daniela Belén Lecouna (Argentina)

16:15 - 16:30 **IAOQ for the treatment of retinoblastoma in pediatrics.**

Bsc. Josmar Flores Arnez (Argentina)

16:30 - 16:50 **Nutrition in diabetic kidney disease: Plant-based diet as a new paradigm.**

Bsc. Karina Zamolinski (Argentina)

16:50 - 17:05 **Nursing care, post endovascular AVM treatment**

Bsc. Gisel Escobar (Argentina)

17:05 - 17:25 **New Technologies in stroke recovery.**

Phs. Oscar L Alzuna (Argentina)

17:25 - 17:45 **MRI in Stroke**

BSC. Analia Betancor (Uruguay)

17:45 - 18:00 **Artificial Intelligence in neuro radiology**

Dr. Carlos Bleise (Argentina)

Final Comments Dr. Pedro Lylyk