

## IPSO 2024 Congress Program

Inspiring Innovation, Transforming Care and Improving Outcomes in Pediatric Stroke

March 22<sup>nd</sup>-24<sup>th</sup>, 2024

Hospital for Sick Children  
Peter Gilgan Centre for Research and Learning  
686 Bay St. Toronto, ON M5G 0A4, Canada

### IPSO 2024 Congress Session Dates/Times:

Friday, March 22<sup>nd</sup>, 2024: 8:45AM-5:35PM EDT

Saturday, March 23<sup>rd</sup>, 2024: 8:00AM-5:15PM EDT

Sunday, March 24<sup>th</sup>, 2024: 8:00AM-12:30PM EDT

### Pre-Congress Events Date/Times:

Thursday, March 21<sup>st</sup>, 2024: 5:00PM-6:30PM EDT

Friday, March 22<sup>nd</sup>, 2024: 7:30AM-8:40AM EDT

Saturday, March 23<sup>rd</sup>, 2024: 7:15AM-8:15AM EDT

### Post-Congress Events Date/Times:

Friday, March 22<sup>nd</sup>, 2024: 5:35PM-7:35PM

Saturday, March 23<sup>rd</sup>, 2024: 5:30PM-9:30PM EDT

Sunday, March 24<sup>th</sup>, 2024: 12:30PM-2:45PM EDT

### Congress Session Locations:

**Check-In:** Lobby on 2<sup>nd</sup> Floor

**All Sessions (Friday, Saturday, Sunday):** Auditorium

**Poster Sessions (Friday & Saturday):** Event Rooms 1 & 2

**Lunch:** Gallery

**Post-Congress Sessions:** Refer to the program for each event's specific location.

### **The IPSO 2024 Congress will offer:**

- Both multidisciplinary and international speakers
- Diverse content of interest to multiple disciplines
- Content will range from clinical review sessions to clinical debates
- Oral Abstract & Poster Sessions
- Networking with Colleagues & Industry Sponsors
- IPSO committees, councils, and working groups meetings

**Registration:** <https://members.internationalpediaticstroke.org/event/IPSO2024Congress>

**Website:** <https://internationalpediaticstroke.org/2024-congress/>

**PNCRG Meeting:** The Pediatric Neurocritical Care Research Group (PNCRG) is hosting their spring meeting on **Thursday, March 21st, 2024**, the day before the IPSO 2024 Congress starts. The PNCRG meeting will also be held at the Hospital for Sick Children. Checkout their website for more information on how to attend their meeting: <https://www.pncrg.org/>.

Join us in the Gallery of the Congress Venue for an **IPSO & PNCRG Networking Event Thursday, March 21<sup>st</sup>**, at 5:00PM. Light bites and refreshments will be provided.

*Note: This program is subject to change.  
Times in EDT*

## Pre-Congress: Thursday, March 21<sup>st</sup>, 2024

- **5:00PM-6:30PM: IPSO & PNCRG Networking Event**
  - Location: Gallery

## Pre-Congress: Friday, March 22<sup>nd</sup>, 2024

- **7:30AM-8:40AM: Check-In & Poster Set Up (Friday Session Only)**

## Day 1: Friday, March 22<sup>nd</sup>, 2024 8:45AM-5:35PM

- **8:45AM: Opening of the IPSO 2024 Congress (General Assembly): Updates on Collaborative Initiatives**

**Speakers:**

Noma Dlamini, MD, M.Sc., PhD | Neurology | Toronto, Canada  
Heather Fullerton, MD, MAS | Neurology | San Francisco, United States  
Lori Jordan, MD, PhD | Neurology | Nashville, United States

- **9:30AM: Keynote: Fetal Embolization of Vein of Galen Malformation: A New Paradigm**

**Moderator:** Heather Fullerton, MD, MAS | Neurology | San Francisco, United States

**Speaker:** Darren Orbach, MD, PhD | Neurointerventional Radiology | Boston, United States

- **10:00AM: Session #1: Clinical Focus: Advances in the Care of Cerebral Vascular Malformations**

**Moderators:**

Silvia Buratti, MD | Neonatology and Neurocritical Care | Genoa, Italy  
Anthony Wang, MD | Neurosurgery | Los Angeles, United States

**Speakers:**

**Advances in Endovascular Therapies for Brain AVMs**

Prakash Muthusami, MBBS, MD | Neurointerventional Radiology | Toronto, Canada

**Standard and emerging therapies for cavernous malformations**

Sandro Benichi, MD | Neurosurgery | Paris, France

- **10:50AM: Session #2: Clinical Highlight: Cerebral Proliferative Angiopathy**

**Moderator:** Tim Bernard, MD | Neurology | Aurora, United States

**Cerebral Proliferative Angiopathy: How Diffuse is the Definition**

**Speaker:** Alfred See, MD | Neurointerventional Radiology & Neurosurgery | Boston, United States

- **11:20AM-12:20PM: Poster Session (Abstract Categories C, E, F, G & H)**
  - **Location:** Event Rooms 1 & 2
  
- **11:20AM-12:50PM: Lunch**
  
- **12:50PM: Oral Abstracts Session**
  - Moderator:** Lori Jordan, MD, PhD | Neurology | Nashville, United States
  - Speakers:**
    - Stimulation for Perinatal Stroke Optimizing Recovery Trajectories (SPORT): A Randomized, Controlled Clinical Trial**  
Adam Kirton, MD, MSc, FRCPC | Neurology | Alberta, Canada
    - Juvenile mice are susceptible to infarct-induced neurodegeneration that causes cognitive decline**  
Elizabeth Mayne, MD, PhD | Neurocritical Care Neurology | Palo Alto, United States
    - Pediatric Craniocervical Arterial Dissection: Clinical Presentation, Risk Factors, Neuroimaging and Pediatric NIH Stroke Scale in a Series of Chilean Patients**  
Fernanda Balut Oyarzun, MD | Neurology | Santiago, Chile
    - Do Pokes Prevent Strokes? Incomplete Immunization Status Elevated in Pediatric Stroke Population**  
Dominic Camperchioli, MD | Neurology Resident | Salt Lake City, United States
    - Spatial-omics characterization of immune triggers in Moyamoya disease**  
Dimitri Hemelsoet, MD | Neurology | Ghent, Belgium
    - Utilising multi-contrast MRI-based machine learning to predict cognition in people with Sickle Cell Disease**  
Isabelle Hawley | PhD Student | London, United Kingdom
  
- **2:05PM: Session #3: Clinical Focus: Idiopathic intracranial hypertension (IIH) as a Venous Disease**
  - Moderators:**
    - Matt Amans, MD | Neurointerventional Radiology | San Francisco, United States
    - Adam Rennie, MB, BS, BMSc, FRCR | Neurointerventional Radiology | London, United Kingdom
  - Speakers:**
    - "Idiopathic intracranial hypertension" versus "symptomatic venous stenosis": what is the evidence?**  
Mesha Martinez, MD | Neurointerventional Radiology | Indianapolis, United States
    - The glymphatic system – what it means, how we can image it, and how it might play a role in IIH**  
Birgit Ertl-Wagner, MD, PhD, MHBA, FRCPC | Neuroradiology | Toronto, Canada
    - Endovascular management of IIH: Pros and Cons**  
Grégoire Boulouis, MD, PhD | Neurointerventional Radiology | Tours, France
  
- **3:15PM-3:45PM: Break (Light Refreshments)**
  
- **3:45PM: Clinical Review #1: Fetal and Perinatal Stroke**
  - Moderators:**
    - Andra Dingman, MD | Neurology | Aurora, United States
    - Janette Mailo, MD, PhD | Neurocritical Care Neurology | Washington D.C, United States
  - Speakers:**
    - Insights into Perinatal stroke: exploring the spectrum from arterial to venous**

Maria Luisa Tataranno, MD, PhD | Neonatal Neurology | Utrecht, Netherlands

### **Improving Function for Perinatal Stroke in 5 Scientific Steps**

Iona Novak, PhD, OT | Professor & Occupational Therapist | Sydney, Australia

- **4:35PM: Harnessing Multidisciplinary Care for Hyperacute Pediatric Stroke**

**Moderators:** Kristin Williams, MD, MSCI | Neurocritical Care Neurology | St. Louis, United States

Mahendra Moharir, MBBS, MD, M.Sc., FRACP | Neurology | Toronto, Canada

**Speakers:**

Samyami Chowdhury, BSc(hons), MBChB, MRCPCH | Neurology | Toronto, Canada

Marta Bertamino, MD, PhD | Neurology | Genoa, Italy

**Panelists:**

Megan Barry, DO | Neurology | Chicago, United States

Nicola Fearn, MD | Neurology | Melbourne, Australia

Dana Harrar, MD, PhD | Neurocritical Care Neurology | Washington D.C, United States

Elbert John Layug, MD, DPPS, FCNSP, FPNA | Neurology Stroke Fellow | Toronto, Canada

Jennifer Quon, MD | Neurosurgery | Toronto, Canada

Adam Rennie, MB, BS, BMSc, FRCR | Neurointerventional Radiology | London, United Kingdom

Marcela Torres, MD | Hematology | Fort Worth, United States

- **5:35PM: Day 1 Ends**

- **5:35PM-6:35PM: Opening Reception & Additional Poster Viewing, Sponsored by UCSF Benioff Children's Hospital**

- **Location:** Gallery

- **6:35PM-7:35PM: Poster Removal (Friday Session Only)**

## **Day 2: Saturday, March 23<sup>rd</sup>, 2024 8:00AM-5:15PM**

- **7:00AM-8:00AM: Poster Set Up (Saturday Session Only)**

- **7:00AM-8:00AM: IPSO Neurointerventional Specialty Council Meeting (Council Members Only)**

- **Location:** Event Room 3A/B

- **7:30AM-8:00AM: IPSO Communications Committee Meeting**

- **Location:** Multimedia Room

- *Note: Open to active Committee Members and active health professional IPSO Members who are interested in joining*

- **8:00AM: Day 2 Welcome**

- **8:00AM: Challenging Case Conference, Neurointerventional Radiology Focused**

**Moderators:**

Darren Orbach, MD, PhD | Neurointerventional Radiology | Boston, United States

Karen Chen, MD | Neurointerventional Radiology | Houston, United States

**Speakers:**

Shah Islam, MD | Neurointerventional Radiology | Toronto, Canada  
Rashmi Saraf, MD | Neurointerventional Radiology | Mumbai, India  
Kartik Bhatia, MD | Neurointerventional Radiology | Sydney, Australia  
Karen Chen, MD | Neurointerventional Radiology | Houston, United States  
Ali Shaibani, MD | Neurointerventional Radiology | Chicago, United States

- **9:30AM: Community Story**
- **9:45AM-10:15AM: Break (Light Refreshments)**
- **10:15AM: Global Perspective Session**
  - Moderator:** Adam Kirton, MD, MSc, FRCPC | Neurology | Alberta, Canada
  - Speakers:**
    - Global Alliance for Pediatric Stroke Epidemiology and Resources (GAPSER)**
    - Ilona Kopyta, PhD, MD | Neurology | Katowice, Poland
    - Manish Parakh, MD | Neurology | Jodhpur, India
    - Pediatric Stroke in Estonia**
    - Rael Laugesaar, MD | Neurology | Tartu, Estonia
- **10:50AM: Session #4: Clinical Focus: Endovascular Thrombectomy (EVT) in Children with Large Vessel Occlusion**
  - Moderators:**
    - Todd Abruzzo, MD | Neurointerventional Radiology | Phoenix, United States
    - Amanda Baker, MD | Neurointerventional Radiology | New York City, United States
  - Speakers:**
    - Challenges in Pediatric LVO**
    - Lucia Gerstl, MD | Neurology | Munich, Germany
    - Emerging Adult Literature and How It Should Affect Pediatric Practice**
    - Kartik Bhatia, MD | Neurointerventional Radiology | Sydney, Australia
    - The Evolution of Pediatric EVT: Results from the Save Childs Pro prospective study**
    - Peter Sporns, MD | Neurointerventional Radiology | Basel, Switzerland
- **11:50AM-12:50PM: Poster Session (Abstract Categories A, B, D, F & H)**
  - **Location:** Event Rooms 1 & 2
- **11:50AM-1:20PM: Lunch**
- **1:20PM: Session #5: Scientific Session: Anatomy and Biology of Cerebrovascular Disease in Childhood**
  - Moderators:**
    - Johanna Fifi, MD | Neurointerventional Radiology | New York, United States
    - Prakash Muthusami, MBBS, MD | Neurointerventional Radiology | Toronto, Canada
  - Speakers:**
    - Genetic Discovery for Cerebral Vascular Malformations: The Story of the KRAS Mutation**

Ivan Radovanovic , MD, PhD, FMH | Neurosurgery | Toronto, Canada

**Biology of Pediatric Aneurysms and Drivers of Growth**

Flavio Requejo, MD | Neurointerventional Radiology | Buenos Aires, Argentina

**Endoluminal Biopsy for Vein of Galen Malformation**

Andrew Hale, MD, PhD | Neurosurgery | Birmingham, United States

- **2:40PM: Clinical Review #2: Stroke in Congenital Heart Disease: Risks and Neurodevelopmental Outcomes**

**Moderators:**

Elizabeth Mayne, MD, PhD | Neurocritical Care Neurology | Palo Alto, United States

Christine Mrakotsky, PhD | Neuropsychology | Boston, United States

**Speakers:**

**Monitoring for Stroke in the Congenital Heart Disease Population in the ICU**

Michele Mills, RN, MSN, CPNP | Neurocritical Care Nurse Practitioner | Chicago, United States

**Neurodevelopmental Outcomes in Children with Congenital Heart Disease**

Renee Sananes, Ph.D, C. Psych | Psychology | Toronto, Canada

- **3:20PM-3:50PM: Break (Light Refreshments)**

- **3:50PM: Clinical Review #3: Michael Scott Memorial Symposium on Clinical Management of Moyamoya**

**Moderators:**

Laura Lehman, MD, MPH | Neurology | Boston, United States

Ed Smith, MD, MBA | Neurosurgery | Boston, United States

**Speakers:**

**Broad Strokes" on the Medical Management of Paediatric Moyamoya**

Manoëlle KOSSOROTOFF, MD | Neurology | Paris, France

**Beyond moyamoya disease: from surgical outcome to associated conditions**

Ji Hoon Phi, MD | Neurosurgery | Seoul, South Korea

**How should imaging guide decision making in moyamoya?**

Nadia Khan, MD | Neurosurgery | Zürich, Switzerland

- **5:15PM: Day 2 Ends**

- **5:30PM-6:30PM: AVM Research Interest Group Meeting**

- **Location:** Multimedia Room

**Moderators:**

Christine Fox, MD, MAS | Neurology | San Francisco, United States

Helen Kim, MPH, PhD | Professor | San Francisco, United States

- **5:30PM-6:30PM: Moyamoya Research Interest Group Meeting**

- **Location:** Event Room 3A/B

**Moderators:**

Noma Dlamini, MD, M.Sc., PhD | Neurology | Toronto, Canada

Laura Lehman, MD, MPH | Neurology | Boston, United States

- **5:30PM-6:30PM: Additional Poster Viewing**

- **7:00PM-9:30PM: Congress Dinner Event (Ticketed Event), Sponsored by Cook Children’s Health Care System**
  - Location: Ricarda’s

## Day 3: Sunday, March 24<sup>th</sup>, 2024, 8:00am-12:30pm

- **7:00AM-8:00AM: Poster Removal (Saturday Session Only)**
- **8:00AM: Day 3 Welcome**
- **8:00AM: Clinical Review #4: Tools for Managing Pediatric Cerebrovascular Disease**
  - Moderators:**  
Leonardo Brandao, MD, M.Sc | Hematology | Toronto, Canada  
Sudhakar Vadivelu, DO | Neurosurgery | Cincinnati, United States
  - Speakers:**  
**Antithrombotic Treatment for Childhood Ischemic Stroke: Arterial and Venous - Laboratory Part**  
Olivera Serbic, MD, PhD, APR | Hematology | Belgrade, Serbia  
**Antithrombotic Treatment for Childhood Ischemic Stroke: Arterial and Venous - Clinical Part**  
Anthony Chan, MBBS, FRCPC, FRCPCCH | Hematology | Hamilton, Canada  
**The Journey of Endovascular Therapy for Cerebrovascular Diseases**  
Alhamza Al-Bayati, MD | Neurointerventional Radiology | Pittsburgh, United States
- **9:00AM: Session #6: Clinical Debates: Controversies in Managing Brain AVMS**
  - Moderator:**  
Peter Dirks, MD, PhD, FRCSC | Neurosurgery | Toronto, Canada  
Rabia Qaiser, MD, FAANS | Neurosurgery | Indianapolis, United States
  - Speakers:**  
**Syndromic brain AVMs in children – is management different?**  
Greg James, MD, PhD, FRCS | Neurosurgery | London, United Kingdom  
**Risk of AVM recurrence in the pediatric population**  
Rashmi Saraf, MD | Neurointerventional Radiology | Mumbai, India  
**Mixed modality approach to treating high-grade brain AVMs**  
Nalin Gupta, MD, PhD | Neurosurgery | San Francisco, United States
- **10:30AM-10:55AM: Break (Light Refreshments)**
- **10:55AM: Session #7: Clinical Focus: Looking Towards the Future: Technology Improving the Care of Cerebrovascular Diseases in Children**
  - Moderators:**  
Leopold Arko, MD, MS | Neurosurgery | Detroit, United States  
Silva Lõo, MD | Neurology | Toronto, Canada
  - Speakers:**  
**3D Modeling and Endovascular Simulation in Pediatric Neurovascular Disorders**  
Carmen Parra-Farinas, MD, PhD | Neurointerventional Radiology | Toronto, Canada  
**Bootle Blast a Home-Based Gaming Rehabilitation Program for Pediatric Stroke Survivors**

Trish Domi, PhD | Post Doctoral Researcher | Toronto, Canada

**Invasive speech neuroprostheses: current state and potential to help pediatric stroke survivors**

Alex Silva | Student MD/PhD | San Francisco, United States

- **11:50AM: Collaborative Research Updates**

**Moderator:** Maja Steinlin, MD | Neurology | Bern, Switzerland

**Speakers:**

**International Pediatric Stroke Study Collaboration & Beyond**

Noma Dlamini, MD, M.Sc., PhD | Neurology | Toronto, Canada

**Vein of Galen Malformation: International Registry Update**

Silvia Buratti, MD | Neonatology and Neurocritical Care | Genoa, Italy

**Molecular Pathogenesis of Moyamoya Disease: Insight for a Clinical Trial**

Dianna Milewicz, MD, PhD | Medical Geneticist | Houston, United States

- **12:20PM: Closing Remarks**

- **12:30PM: IPSO 2024 Congress Ends**

## Post-Congress: Sunday, March 24<sup>th</sup>, 2024

### Workshops, 12:45PM-1:45PM

- **12:45PM-1:45PM: Workshop: Endovascular Workshop for Pediatric Ischemic & Hemorrhagic Stroke, Sponsored by Penumbra, Stryker & Hospital for Sick Children**

- Location: Gallery

- **12:45-1:45PM: Workshop: A Novel “Brain Stress Test” for the Practical Assessment of Cerebrovascular Reactivity in Children, Sponsored by Thornhill Medical**

- Location: Multimedia Room

- **12:45-1:45PM: Pediatric Stroke Families Mental Health Panel Event**

- Location: Event Room 1

### Meetings, 12:45PM-2:45PM

- **12:45PM-1:30PM: IPSO Education Committee Meeting**

- Location: Event Room 3a

- Note: Open to active Committee Members and active health professional IPSO Members who are interested in joining

- **12:45PM-1:30PM: IPSO Hemorrhagic Pediatric Stroke Working Group (Working Group Members Only)**

- Location: Event Room 3b

- **12:45PM-1:30PM: IPSO GAPSER Working Group Meeting**

- Location: Auditorium



- *Note: Open to active Working Group Members and active health professional PSO Members who are interested in joining*

### **Executive Meetings, 12:30PM-2:45PM**

- **12:30PM-2:00PM: IPSO Board of Directors Meeting**
  - **Location:** Event Room 2a/b
- **1:30PM-2:00PM: IPSO Steering Committee Meeting**
  - **Location:** Event Room 2a/b
- **2:15PM-2:45PM: IPSO & Advocacy Meeting**
  - **Location:** Event Room 2a/b

**Disclaimer:** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of UCSF and the International Pediatric Stroke Organization (IPSO) and Hospital for Sick Children, and Vanderbilt University Medical Center. UCSF is accredited by the ACCME to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of 17.5 *AMA PRA Category 1 credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**The IPSO 2024 Congress is supported by the below sponsors. We would like to extend our gratitude to each sponsor for their generous support.**

## **Gold Level:**

### **Bayer**

#### **Description:**

Bayer is a global enterprise with core competencies in the life science fields of health care and nutrition. Its products and services are designed to help people and the planet thrive by supporting efforts to master the major challenges presented by a growing and aging global population. Bayer is committed to driving sustainable development and generating a positive impact with its businesses. The Bayer brand stands for trust, reliability and quality throughout the world.

**Website:** [Advancing Life at Bayer | Bayer](#)

**Facebook:** <https://www.facebook.com/Bayer>

**Twitter:** <https://twitter.com/bayer>

**LinkedIn:** <https://www.linkedin.com/company/bayer/>

#### **Contact:**

Pablo Iveli: pablo.ivali@bayer.com



## **Silver Level:**

### **Moyamoya Foundation**

#### **Description:**

Founded in 2018, the Moyamoya Foundation (aka MoyaMoya Foundation Co) is a disease focused 501(c)(3) non-profit foundation. Moyamoya vasculopathy is a rare, progressive group of diseases in which the main arteries supplying the brain with blood (the internal carotid arteries and intracranial branches) narrow overtime and collateral vessels called "moyamoya vessels" develop as an attempt to compensate for the lack of blood flow. Moyamoya patients are at increased risk for stroke, among other neurological complications. Currently, the typical intervention for moyamoya patients is revascularization surgery.



MOYAMOYA FOUNDATION

We are a fully volunteer organization consisting of many moyamoya patients, caregivers, and others with personal connections to moyamoya disease. We are managed by a six-member Board of Directors and our primary funding comes from donations through social media and our website.

Our mission is to promote awareness of moyamoya and advance moyamoya research through collaboration with healthcare professionals and academics about research priorities for moyamoya patients. We also provide assistance to families and patients undergoing moyamoya treatment.

We recently launched the "Global Moyamoya Patient Registry", a collective effort to gather comprehensive data about this rare disease. Patients can securely share important data such as, demographics, symptoms, treatments, family history, and unique experiences of living with a rare disease, such as delays in diagnosis,

misdiagnosis, and travel considerations for specialty care. This collection of data will be used by researchers to improve outcomes for patients.

**Website:** <https://moyamoya-foundation.org/>

**Facebook** – <https://www.facebook.com/moyamoyafoundation>

**LinkedIn** – <https://www.linkedin.com/company/mmfc/?viewAsMember=true>

**X (Twitter)** - [@moyamoyafdn](https://twitter.com/moyamoyafdn)

**Contact:**

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Catherine Stratton: [cstratton@moyamoya-foundation.org](mailto:cstratton@moyamoya-foundation.org)

## **Silver Level**

### **Thornhill Medical**

#### **Description:**

Marking 20 years in 2024 as a global innovator in respiratory and oxygen-related scientific research and advanced technologies. The team collaborates each day with customers, innovation leaders, industry, hospital, and military partners in more than 19 countries and in 65+ research institutes, while pushing the boundaries of what's technologically possible in interoperability, remote or autonomous delivery and the use of AI, and developing solutions that can transform vascular diagnostics through arterial blood gas control. Drawing on two decades of pioneering scientific and engineering innovations that address the needs of health systems and providers, Thornhill Medical is unlocking tomorrow's medical technology solutions, today.



**THORNHILL**  
**MEDICAL**  
Inspiring Innovation

Thornhill Medical manufactures RespirAct® Clinical which is a computer-controlled gas blender used to control arterial CO<sub>2</sub> and O<sub>2</sub> in spontaneously breathing participants. Changing the partial pressure of CO<sub>2</sub> and O<sub>2</sub> in the blood is done to stimulate blood flow responses in organs which can then be monitored using imaging technology (i.e. TCD or MRI). Monitoring blood flow response to blood gas changes in these organs reveals aspects related to their vascular beds. There are many potential applications for this technology including understanding the mechanisms of injury in stroke patients.

**Website:** <https://thornhillmedical.com/>

**LinkedIn:** <https://www.linkedin.com/company/thornhillmedical/>

**Facebook:** <https://www.facebook.com/ThornhillMedical/>

**Youtube:** [https://www.youtube.com/channel/UCDMm5j6\\_nNQt02h21danBBg](https://www.youtube.com/channel/UCDMm5j6_nNQt02h21danBBg)

**Contact:**

Vepeson Wijeya: [vwijeya@thornhillmedical.com](mailto:vwijeya@thornhillmedical.com)

## **Bronze Level**

### **Penumbra, Inc.**

#### **Description:**

Penumbra, Inc., headquartered in Alameda, California, is a global healthcare company focused on innovative therapies. Penumbra designs, develops, manufactures and markets novel products and has a broad portfolio that addresses challenging medical conditions in markets with significant unmet need. Penumbra supports healthcare providers, hospitals and clinics in more than 100 countries.



**Website:** <https://www.penumbrainc.com/>

**Twitter:** <https://twitter.com/penumbrainc>

**LinkedIn:** <https://www.linkedin.com/company/penumbra-inc/>

#### **Contact:**

Buppha Thach: [bthach@penumbrainc.com](mailto:bthach@penumbrainc.com)

## **Bronze Level**

### **Scientia Vascular**

#### **Description:**

At Scientia Vascular, we believe that without access, therapy can not exist. Through cutting-edge innovation, we're answering our calling to radically disrupt the way diseases of the brain are treated. Our teams have been at the forefront of neurovascular systems, pushing beyond established boundaries to deliver the products physicians and patients need most.

**Website:** <https://www.scientiavasculard.com/>

**LinkedIn:** <https://www.linkedin.com/company/scientiavasculard>

**Twitter:** <https://twitter.com/ScientiaInc>

#### **Contact:**

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## **Bronze Level**

### **Balt**

#### **Description:**

For 45 years, Balt has been leading the way – collaborating with physicians and institutions to develop elegant neurovascular solutions. As the premier global platform focused on neurointerventional innovation, we always push the boundaries of what's possible in patient care.

**Website:** [www.baltgroup.com](http://www.baltgroup.com)



**Twitter:** [https://twitter.com/Balt\\_Group](https://twitter.com/Balt_Group)

**LinkedIn:** <https://www.linkedin.com/company/balt-group/>

**Contact:**

Jade Cravens: [jade.cravens@baltgroup.com](mailto:jade.cravens@baltgroup.com)

## **Bronze Level**

### **Cerenovus**

**Description:**

CERENOVUS, part of the Johnson & Johnson Medical Devices Companies, is a global leader in neurovascular care. Our commitment to changing the trajectory of stroke is inspired by our long heritage and dedication to helping physicians protect people from a lifetime of hardship. CERENOVUS offers a broad portfolio of devices used in the endovascular treatment of hemorrhagic and ischemic stroke.

**Website:** <https://www.jnjmedtech.com/en-US/companies/cerenovus>

**Twitter:** [https://twitter.com/CERENOVUS\\_HQ?s=20](https://twitter.com/CERENOVUS_HQ?s=20)

**LinkedIn:** <https://www.linkedin.com/company/cerenovus/>

**Contact:**

Carly Freidin: [cfreidin@its.jnj.com](mailto:cfreidin@its.jnj.com)



## **Institutional Partner**

### **Children's Medical Center Dallas**

**Description:**

Children's Medical Center Dallas, the flagship hospital of Children's Health, is the home of the Center for Cerebrovascular Disorders in Children, which provides a multidisciplinary approach to children with

complex, often life-threatening disorders that impact or cause injury to the blood vessels that supply the brain. As the only Center of its kind in Texas and one of a handful across the nation, we offer an unmatched level of experience. Our expert team specializes in neurointerventional radiology, neurosurgery, neurology, neurologic critical care and neuro-anesthesia. From strokes and arteriovenous malformations to vein of Galen malformations, Moyamoya disease and cerebral venous thrombosis, we work one-on-one with patients to assess, evaluate, manage and treat conditions.

**Website:** <https://www.childrens.com/>

**Facebook:** <https://www.facebook.com/childrens/>

**LinkedIn:** <https://www.linkedin.com/company/childrenshealth/>



**Instagram:** @childrens

**X (Twitter):** [https://twitter.com/childrens?ref\\_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor](https://twitter.com/childrens?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor)

**Contact:**

Cat Page: [catherine.page@childrens.com](mailto:catherine.page@childrens.com)

## **Institutional Partner**

### **Sickkids: Neurosciences and Mental Health (NMH)**

#### **Description:**

We are uncovering innovative solutions for mitigating and curing brain diseases in children. The Neurosciences & Mental Health research program focus on the development and plasticity of complex neural systems in animal models and humans through a variety of approaches including molecular genetics, electrophysiology, behavior, cognition and neuroimaging. As a leader in paediatric neurosciences and mental health, and a hub of discovery for applied mental health research at SickKids, we've made a number of important research discoveries and published high-impact papers, translating our work into better health outcomes for children and youth.

**Website:** <https://www.sickkids.ca/en/research/research-programs/neurosciences-mental-health/>

#### **Contact:**

Donald Mabbott: [donald.mabbott@sickkids.ca](mailto:donald.mabbott@sickkids.ca)

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**Neurosciences &  
Mental Health**

## **Institutional Partner**

### **Sickkids: Research Institute**

#### **Description**

The SickKids Research Institute (RI) is Canada's largest, hospital-based child health research institute conducting and translating groundbreaking research, training the next generation of researchers, and supporting global scientific communities with knowledge and state-of-the-art facilities. We're taking more discoveries from the lab bench to the bedside, making a bigger impact on children's lives around the world, sooner.

**Website:** <https://www.sickkids.ca/en/research/about-research-institute/>

#### **Contact:**

Stephen Scherer: [Stephen.Scherer@sickkids.ca](mailto:Stephen.Scherer@sickkids.ca)

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**RESEARCH  
INSTITUTE**

## **Sickkids: Garry Hurvitz Centre for Brain & Mental Health**

### **Description:**

The Garry Hurvitz Centre for Brain & Mental Health (GH-CBMH) at SickKids cultivates the multidisciplinary integration of clinical care, research and education to improve the outcomes of children and youth living with brain and mental health disorders.

By pioneering new understanding, therapies and approaches to care for the developing brain, and promoting and executing interdisciplinary and interprofessional activities, the centre strives to exceed its reputation as innovators in paediatric neurosciences and mental health care, both at SickKids and across global scientific communities.

**Website:** <https://www.sickkids.ca/en/care-services/centres/centre-for-brain-mental-health/>

### **Contact:**

Heather Soberman: [heather.soberman@sickkids.ca](mailto:heather.soberman@sickkids.ca)



**Garry Hurvitz  
Centre for Brain  
& Mental Health**

## **UCSF Benioff Children's Hospital**

### **Description:**

UCSF Benioff Children's Hospitals are among the nation's leading pediatric specialty hospitals, according to U.S. News & World Report rankings. Their expertise covers virtually all pediatric conditions, including cancer, heart disease, neurological disorders, pulmonology, diabetes and endocrinology, as well as the care of critically ill newborns. The two campuses in San Francisco and Oakland are known worldwide for basic and clinical research and are at the forefront of translating research into interventions for treating and preventing pediatric disease.

**Website:** <https://www.ucsfbenioffchildrens.org/>

### **Contact:**

Valerie Pratz: [valerie.pratz@ucsf.edu](mailto:valerie.pratz@ucsf.edu)



## **Cook Children's Medical Center**

### **Description:**

Every child deserves health care designed just for them. At Cook Children's, we're more than a health care system—we're your friends, neighbors and even family members. And we're parents too, so we can see the world through your eyes. We see what you're going through—and how we can help you and your child get the best care and support possible.





From pediatricians to specialists we take care of kids from head to toe. That's why parents from all across Texas, the U.S. and around the world trust their children to our pediatric experts. Whether it's check-ups, injuries or serious illnesses, when you come to Cook Children's you can trust that we'll care for the one child that matters most, yours. That's what it means to deliver care that connects.

**Website:** [https://www.cookchildrens.org/medical-center/fort-worth/?gclid=Cj0KCQjw-r-vBhC-ARIsAGgUO2DG3eJAa\\_9gRRD-9OibseYcR4I9T2Xz2alfR38sDwTggNlzJYBfiTwaApKnEALw\\_wcB](https://www.cookchildrens.org/medical-center/fort-worth/?gclid=Cj0KCQjw-r-vBhC-ARIsAGgUO2DG3eJAa_9gRRD-9OibseYcR4I9T2Xz2alfR38sDwTggNlzJYBfiTwaApKnEALw_wcB)

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