

2025 Joint Pediatric Section Annual Meeting

The **PRIVILEGE** to

Inspire.

DEC 4-7, 2025

Peabody Memphis Hotel
Memphis, TN



The 2025 Joint Pediatric Section Annual Meeting is jointly provided by the Congress of Neurological Surgeons and the Joint Section on Pediatric Neurological Surgery.



CNS



AANS

American Association of Neurological Surgeons

ACCREDITATION

The objectives of the Section shall be to enhance and assure the advancement of the subspecialty of pediatric neurosurgery by:

- Serving as a forum for the intimate exchange of ideas and information among a group of neurological surgeons whose interests are directed towards the infant and child.
- Serving as a vehicle through which the Board of Directors of the AANS and the Executive Committee of the CNS can be apprised of the activities and the advances in the subspecialty of pediatric neurosurgery.
- Serving as a resource for the Board of Directors of the AANS and the Executive Committee of the CNS for conducting special studies and proposing solutions to problems in pediatric neurosurgery when directed to do so.
- Service as a section to assist the AANS and CNS to advance education, research, and patient care in the area of pediatric neurosurgery.

Upon completion of this CME activity, participants should be able to:

- Discuss new clinical updates and scientific research regarding tumor, epilepsy, congenital and traumatic pediatric neurosurgical conditions.
- Recognize innovative research conducted by pediatric neurosurgical fellows.
- Discuss the concept of precision medicine and how it applies to pediatric neurosurgery.

ACCME ACCREDITATION STATEMENT

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 the Congress of Neurological Surgeons and the Joint Section on Pediatric Neurological Surgery. The Congress of Neurological Surgeons is accredited by the ACCME to provide continuing medical education for physicians.



[CNS.ORG/PEDIATRIC](https://www.cns.org/pediatric)

CME CREDIT

The CNS designates this live activity for a maximum of 23.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURES

The Congress of Neurological Surgeons controls the content and production of this CME activity and attempts to assure the presentation of balanced, objective information. In accordance with the Standards for Integrity and Independence in Accredited Continuing Education established by the Accreditation Council for Continuing Medical Education (ACCME), speakers are asked to disclose all relationships they have with ineligible companies over the previous 24 months which may be related to the content of their lecture. Speakers who have disclosed a relationship with an ineligible company whose products may have relevance to their presentation will be listed for viewing before the event.

A list of financial disclosures relevant to the meeting is posted on the meeting's web page and app.

DISCLAIMER

The material presented at the Joint Pediatric Section Annual Meeting has been made available by the Joint Section for educational purposes only. These materials are not intended to represent the only, nor necessarily the best method or procedure appropriate for the medical situations discussed, but rather are intended to present an approach, view, statement, or opinion of the faculty, which may be helpful to others who face similar situations.

All drugs and medical devices used in the United States are administered in accordance with the Food and Drug Administration (FDA) regulations. These regulations vary depending on the risks associated with the drug or medical devices compared to products already on the market, and the scope of the clinical data available.

Some drugs and medical devices demonstrated or described within the print publications of the any Joint Section on Pediatric Neurological Surgery Meeting have FDA clearance for use for specific purposes or for use only in restricted research settings. The FDA has stated that it is the responsibility of the physician to determine the FDA status of each drug or device he or she wants to use in compliance with applicable laws.

Neither the content (written or oral) of any course, seminar, or other presentation in the program, nor the use of a specific product in conjunction therewith, nor the exhibition of any materials by any parties coincident with the program, should be construed as indicating endorsement or approval of the views presented, the products used, or the materials exhibited by the Joint Section on Pediatric Neurological Surgery Meeting, or by its committees, commissions or affiliates.

ABSTRACT PRESENTATIONS AND DIGITAL POSTERS

Oral Abstract Presentations will take place at the podium in the General Session. Visit the kiosks located in the Exhibit Hall to view digital posters.

ATTIRE
Professional attire is appropriate for the meeting, Opening Reception, and Exhibit Hall.

MEETING APP

Conveniently manage your schedule, browse program content, and keep up with what's going on.



Log in with access code:

PEDS25

NEURO ZONE

Make the most of your breaks by visiting the Neuro Zone in the Exhibit Hall. This is an excellent opportunity for residents, fellows, and medical students to connect with leaders and network with peers. Engage with speakers and enhance your knowledge while exploring the latest advances in pediatric research.

GENERAL INFORMATION

REGISTRATION

Grand Ballroom West Foyer

Thursday, December 4	7:00 am-7:30 pm
Friday, December 5	7:00 am-5:45 pm
Saturday, December 6	7:00 am-5:30 pm
Sunday, December 7	7:00-11:45 am

SPEAKER READY ROOM

Grand Ballroom F

Thursday, December 4	7:00 am-4:00 pm
Friday, December 5	7:00 am-5:15 pm
Saturday, December 6	7:00 am-5:30 pm
Sunday, December 7	7:00-11:45 am

All speakers and abstract presenters should visit the Speaker Ready room at least one hour prior to their presentations.

WI-FI SERVICE

Complimentary Wi-Fi access is available
in all meeting spaces.

NETWORK: PEDIATRIC MEETING

PASSCODE:
PEDS2025

NETWORKING EVENTS

Thursday, December 4
4:00-5:30 pm

BASIC SCIENCE NETWORKING SESSION- ROADMAP TO A SUCCESSFUL RESEARCH PROGRAM

Connect at The Peabody Memphis during a casual networking happy hour designed to bring together junior and senior investigators in basic and translational pediatric neurosurgery research.

Thursday, December 4
6:00-7:30 pm

OPENING RECEPTION

Join us at the Opening Reception on the Peabody Rooftop and Skyway. Enjoy cocktails, hors d'oeuvres, and networking with colleagues.

*Thank you to our Opening Reception Sponsor **Medtronic**.*

Friday, December 5
5:15-6:45 pm

WINE & CHEESE RECEPTION AND DAVID SANDBERG BOOK SIGNING

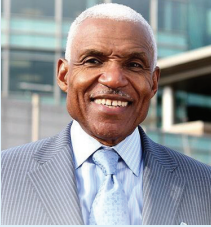
Reconnect with old friends and make new connections over wine and cheese at our networking event in the Exhibit Hall.

*Thank you to our Wine and Cheese Reception Sponsors **Le Bonheur Children's Hospital** and **Semmes-Murphey Clinic**.*

SPECIAL SPEAKERS

RAIMONDI LECTURER

Friday, December 5 • 1:50-2:20 pm



AC Wharton

Former Mayor of Memphis

Former Memphis mayor, Wharton led with vision and compassion, advancing public safety, economic growth, and urban policy. His legacy includes innovative programs, national advocacy, and a lifelong commitment to education, justice, and community empowerment.

Grand Ballroom A-C

Inspired by Deed

SPECIAL SPEAKER

Saturday, December 6 • 1:45-2:15 pm



Boo Mitchell

Grammy Award-Winning Producer

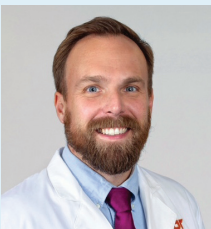
Award-Winning producer, engineer, composer, award-winning movie producer and studio owner, Mitchell has worked with music legends from Al Green to Bruno Mars. He produced “Uptown Funk,” co-created Take Me to the River, and continues his family’s Royal Studios legacy.

Grand Ballroom A-C

The Memphis Sound Experience

SONS LECTURER

Saturday, December 6 • 2:55-3:40 pm



Austin Dalgo, MD

Austin Dalgo has spent over 25 years in Memphis, serving as Palliative Care Director at Le Bonheur Children’s Hospital, leading the Center for Bioethics and Health Equity, and advancing community wellness through innovative, holistic healthcare initiatives.

Grand Ballroom A-C

Accompaniment in Action: Inspiring
Community-Minded Physicians

MEETING AGENDA

THURSDAY, DECEMBER 4, 2025



THURSDAY,
DECEMBER 4

8:00 am-4:00 pm

Advanced Practice Provider's Meeting

Venetian Ballroom

8:00-8:10 am

Welcome and Opening Remarks

*Emily Johnson, Paul Klimo, Nir Shimony,
Blakely Weatherford*

8:10-8:15 am

APP Committee Report

Michelle Buontempo

8:15-8:45 am

St. Jude Partnership

Giles Robinson

8:45-9:30 am

Brain Tumor

Nir Shimony

9:30-10:00 am

Break

10:00-11:30 am

Roundtable Discussions

APP Orientation

Christi Lance

Craniofacial

Claire Arlotto

Posterior Fossa Syndrome

Ashley Chittenden, Nicole Ramirez

Neurotrauma

James Hutcheson

Successful Discharge and

Readmission Reduction Methods

Kentlee Battick

11:30 am-12:30 pm

COMPLIMENTARY LUNCH

12:30-1:30 pm

Hands-On Session

1:30-2:00 pm

Global Health

Frederick A. Boop

2:00-3:00 pm

Women in Neurosurgery

*Randaline R. Barnett, Kelly Chamberlin,
Stephanie L. Einhaus*

3:00-3:45 pm

**Healing Smarter: Innovations in
Pediatric Neurosurgical Wound Care**

David S. Hersh, Allison LaBelle

3:45-4:00 pm

Closing Remarks

*Emily Johnson, Paul Klimo, Nir Shimony,
Blakely Weatherford*

1:00-5:00 pm

Cadaver Course

Experience Robotic Exoscopy

Hands-On Cadaver Session

Landsdowne Room

Shawn Vuong

Sponsored by Aesculap

9:00 am-12:00 pm

**Coding Essentials for the Pediatric
Neurosurgeon**

Brinkley Room

9:00-9:15 am

**Course Overview/Basics/Where to Find
Resources/How Codes Evolve**

Virendra Desai

9:15-9:45 am

Coding Tips & Tricks

Virendra Desai

9:45-10:15 am

**Maximizing Reimbursement for the
Pediatric Neurosurgeon**

David F. Bauer

10:15-10:30 am

Break

10:30-11:00 am

AANS Global Surgical Package

Lance Governale

MEETING AGENDA

THURSDAY, DECEMBER 4, 2025

11:00-11:30 am
Accurately Using Surgical CPT Code Modifiers in Pediatric Neurosurgery

Lance Governale

11:30 am-12:00 pm
Contracting

Mark R. Proctor

11:00 am-12:30 pm
AAP SONS Executive Committee Meeting
Cockrell Room

1:00-3:00 pm
Executive Committee Meeting
Grand Ballroom E

1:00-5:00 pm
Fellows Boot Camp
General Moorman Room

1:00-1:05 pm
Introduction
Susan R. Durham

1:05-1:20 pm
Finding Your First Job: Contracts/ Negotiations
Krystal L. Tomei

1:20-1:40 pm
Transition from Fellowship to Practice
Natalie Limoges

1:40-2:00 pm
Growing Up as a Neurosurgeon - Professional Development
Kelly B. Mahaney

2:00-2:20 pm
Medicolegal Issues: Staying Out of Trouble
Jeffrey R. Leonard

2:20-2:40 pm
Coding Basics
Mark R. Proctor

2:40-3:00 pm
Important Topics in ABPNS Board Certification

Mark D. Krieger

3:00-3:20 pm
Break

3:20-3:40 pm
Building a Research Team
David J. Daniels

3:40-4:00 pm
Building a Clinical Team/Program
Richard C. Anderson

4:00-4:20 pm
International Work
James M. Johnston

4:20-4:40 pm
How to Create a Successful Private Career
David P. Gruber

4:40-5:00 pm
How to Create a Successful Academic Career
David D. Limbrick

4:00-5:30 pm
Basic Science Networking Session- Roadmap to a Successful Research Program
Grand Ballroom E

6:00-7:30 pm
Welcome Reception
Peabody Rooftop & Skyway
*Thank you to our sponsor, **Medtronic***

MEETING AGENDA

FRIDAY, DECEMBER 5, 2025



FRIDAY,
DECEMBER 5

7:00-8:00 am
COMPLIMENTARY BREAKFAST
Grand Ballroom West Foyer

8:00-9:05 am
**General Scientific Session 1:
Top Tier Abstracts**

MODERATORS: *Paul Klimo, Nir Shimony*
Grand Ballroom A-C

8:00-8:10 am
Welcome and Opening Remarks
Paul Klimo

8:10-8:52 am
Oral Abstract Presentations

8:10-8:16 am
**Immunostimulation in a Severe
Combined Traumatic Brain Injury
Model**
Eric A. Sribnick

☼ 8:16-8:22 am
**Resection of Epileptogenic Pediatric
Low-grade Gliomas Improves
Behavioral and Academic Outcomes**
Himanshu Sharma

8:22-8:28 am
**All Cases Reduction in
Complications**
Loucif Houari

☼ 8:28-8:34 am
Response to Vagus Nerve Stimulation
Hrishikesh Suresh

☼ 8:34-8:40 am
**Quality of Life is Improved 1 Year
Following Combined Dorsal Ventral
Rhizotomy**
Adam Glaser

☼ 8:40-8:46 am
**From Closure to Consequence:
Understanding the Incidence and
Impact of Tethered Cord Syndrome
and Spinal Inclusion Cyst Formation
after Fetoscopic Myelomeningocele
Repair.**

Smruti K. Patel

☼ 8:46-8:52 am
**A Training Model to Reduce
the Burden of Untreated Infant
Hydrocephalus: NeuroKids Remote
Presence Mentorship Program**

Jacob R. Leopard

8:52-9:05 am
Question and Answer Session

9:05-9:50 am
General Scientific Session 2: Chiari

MODERATORS: *Syed Hassan A. Akbari,
David S. Hersh*
Grand Ballroom A-C

9:05-9:41 am
Oral Abstract Presentations

☼ 9:05-9:11 am
**The Pediatric Chiari Surgical Success
Scale: A Preliminary Analysis**
Brandon G. Rocque

☼ 9:11-9:17 am
**Multi-omic Analysis Reveals
Dysregulated PI3K Signaling and
Novel Risk Genes in the Pathogenesis
of Chiari Malformation Type I**
Evan Dennis

☼ 9:17-9:23 am
**A Decision Tree for Assigning Risk of
Reoperation in Pediatric Patients with
Chiari Malformation Type I**
Aaron M. Yengo-Kahn

☼ 9:23-9:29 am
**Spontaneous Resolution of Chiari
Malformation Type I in Children:
Radiographic Predictors and
Outcomes**
Dominic A. Nistal

MEETING AGENDA

FRIDAY, DECEMBER 5, 2025

☀️ **9:29-9:35 am**
Cerebellar Tonsil Position in Patient's with Tethered Cord Syndrome Compared to Controls

Luke G. McVeigh

☀️ **9:35-9:41 am**
Preoperative Acetazolamide Response as a Potential Predictor of Postoperative Headache Outcomes in Pediatric Chiari I Malformation

Kerrin Sunshine

9:41-9:50 am
Question and Answer Session

9:50-9:55 am
In Memoriam: Arnold H. Menezes
Gregory W. Albert
Grand Ballroom A-C

9:00 am-6:45 pm
Exhibit Hall Open
Tennessee Exhibit Hall

9:55-10:40 am
Beverage Break in the Exhibit Hall
Tennessee Exhibit Hall

What's New Sessions
Industry Sponsored Presentations
NeuroZone, Exhibit Hall

10:40-11:30 am
General Scientific Session 3: Spine

MODERATORS: *Mari L. Groves, Rajiv Iyer*
Grand Ballroom A-C

10:40-11:22 am
Oral Abstract Presentations

10:40-10:46 am
Complications After Three-Column Osteotomies in Early Onset Scoliosis
Steven Hwang

10:46-10:52 am
Children with 1 or More Complex Chronic Condition Undergoing Spinal Fusions are at Significantly Increased Risk of Complications within 30 Days
Elena Kurudza

10:52-10:58 am
Rib Grafts with Rigid Fixation: Achieving Pediatric Spinal Fusion Across the Occipitocervical Junction
Chesney Billiter

☀️ **10:58-11:04 am**
Predictors of Deformity Correction After Laminoplasty in Pediatric Spinal Cord Tumors
Alper Dincer

11:04-11:10 am
Quantifying Non-Infectious Complications for Intrathecal Baclofen Pump and Catheter Systems in the Modern Era: A Multi-Site Observational Study From the Cerebral Palsy Research Network
Vaidehi Mahadev

11:10-11:16 am
Evolving Surgical Strategies for Spinal Deformity in Myelomeningocele: Improving Outcomes
Edwin Kulubya

11:16-11:22 am
Traumatic Spinal Cord Injury in Children and Adolescents: A 20-year Review from the Hospital for Sick Children
Armaan K. Malhotra

11:22-11:30 am
Question and Answer Session

11:30-11:35 am
Introduction of NIH Speaker:
Todd C. Hankinson

11:35-11:50 am
NIH
SPEAKER: *Kristi Hardy*
Grand Ballroom A-C

11:50 am-12:05 pm
Special Topic: Research Interest Groups (RIGS)
SPEAKERS: *Richard C. Anderson, Todd C. Hankinson*
Grand Ballroom A-C

MEETING AGENDA

FRIDAY, DECEMBER 5, 2025

12:05-1:05 pm
Lunch in Exhibit Hall
Tennessee Exhibit Hall

12:20-1:05 pm
RIGS Group A Luncheon
Spine, Epilepsy/Functional, Vascular, TBI
Forest Room

1:05-1:45 pm
General Scientific Session 4: Global/International

MODERATORS: *Randaline R. Barnett,*
Eveline Teresa Hidalgo
Grand Ballroom A-C

1:05-1:35 pm
Oral Abstract Presentations

1:05-1:11 pm
Pilot Study of an AI-Powered Surgical Training Platform to Boost Neurosurgical Capacity in Tanzania
William Randall

☀️ **1:11-1:17 pm**
The Evolving Global Landscape of Pediatric Epilepsy Surgery
Kalman Katlowitz

☀️ **1:17-1:23 pm**
A Pilot Experience in Global Pediatric Neurosurgical Capacity Building: Outcomes from NeuroKids' First 3 Years of Endoscopic Hydrocephalus Training
Michael C. Dewan

☀️ **1:23-1:29 pm**
Age-Stratified Neurosurgical Outcomes for Traumatic Brain Injury in a Pediatric Neurosurgical Cohort in La Paz, Bolivia
Caleigh Roach

1:29-1:35 pm
What Factors Influence Time of Presentation Among Children with Myelomeningocele in Zambia? A Prospective Study
Allison Dodds

1:35-1:45 pm
Question and Answer Session

1:45-1:50 pm
Introduction of Raimondi Lecturer
SPEAKER: *Paul Klimo*
Grand Ballroom A-C

1:50-2:20 pm
Raimondi Lecturer
AC Wharton, former Mayor of Memphis



2:20-2:40 pm
Question and Answer Session

2:40-3:15 pm
Beverage Break in the Exhibit Hall
Tennessee Exhibit Hall

What's New Sessions
Industry Sponsored Presentations
NeuroZone, Exhibit Hall

2:47-2:57 pm
Anuncia Medical Integration of the ReFlow in Shunt Management
Sudhakar Vadivelu

3:15-3:25 pm
David Sandberg Book Reading
Grand Ballroom A-C

3:25-4:15 pm
General Scientific Session 5: Craniofacial

MODERATORS: *Markus J. Bookland,*
Cameron Brimley
Grand Ballroom A-C

3:25-4:01 pm
Oral Abstract Presentations

3:25-3:31 pm
Resorbable Magnesium Alloy Implants for Cranial Applications
Bryce Owen

MEETING AGENDA

FRIDAY, DECEMBER 5, 2025

3:31-3:37 pm
Delayed Suture Closure Following Endoscopic Repair for Sagittal and Coronal Craniosynostosis

Joseph McAbee

☀️ **3:37-3:43 pm**
Disparities in Referral Patterns and Surgical Access for Georgia Children with Sagittal Craniosynostosis

Katherine E. Chandler

3:43-3:49 pm
Tranexamic Acid Versus Aminocaproic Acid: Comparing the Efficacy of Anti-Fibrinolytic Agents in Pediatric Patients with Craniosynostosis

Jean-Paul Bryant

☀️ **3:49-3:55 pm**
Utilizing Machine Learning to Predict Perioperative Blood Transfusion in Pediatric Craniosynostosis Patients Undergoing Cranial Vault Remodeling

Brianna C. Theriault

☀️ **3:55-4:01 pm**
Endoscopic Sagittal Craniosynostosis Repair in Older Infants

Kedous Mekbib

4:01-4:15 pm
Question and Answer Session

4:15-5:00 pm
General Scientific Session 6: Vascular

MODERATORS: *Samuel McClugage, Sudhakar Vadivelu*
Grand Ballroom A-C

4:15-4:45 pm
Oral Abstract Presentations

☀️ **4:15-4:21 pm**
Distinct Cerebrovascular Pattern of Moyamoya Disease in American Indian and Alaska Native Children

Landon Basner

☀️ **4:21-4:27 pm**
Gamma Knife Stereotactic Radiosurgery for the Management of Residual Low Flow Vein of Galen Malformation: A Single Institution Experience

Michelle Kameda-Smith

4:27-4:33 pm
Intraoperative Versus Postoperative Angiography in Pediatric AVM Resection: A Multi-Institutional Comparative Study

Rya Muller

4:33-4:39 pm
Platelet Responsiveness Testing to Assess Dual Antiplatelet Therapy in Children after Neurovascular Stent Placement

Katherine Holste

4:39-4:45 pm
Treatment Outcomes in Children with Bowhunter Arteriopathies According to the Modern Subtype Classification: A Single Center Case Series

Todd A. Abruzzo

4:45-5:00 pm
Question and Answer Session

5:00-5:05 pm
Update on P.A.S.T.U.R.E.S.: A Collaborative Center for Spina Bifida Innovation and Research in Sheep

Bermans J. Iskandar, John C. Wellons

5:05-5:15 pm
Award Presentations
Grand Ballroom A-C

5:15-6:45 pm
Wine & Cheese Reception and David I. Sandberg Book Signing in the Exhibit Hall
Tennessee Exhibit Hall

Thank you to our Sponsors Le Bonheur Children's Hospital and Semmes - Murphey Clinic.

MEETING AGENDA

SATURDAY, DECEMBER 6, 2025



**SATURDAY,
DECEMBER 6**

7:00-8:00 am

COMPLIMENTARY BREAKFAST

Grand Ballroom West Foyer

8:00-8:05 am

Opening Remarks

Speaker: Paul Klimo

Grand Ballroom A-C

8:05-9:00 am

General Scientific Session 7: Top Tier Abstracts

MODERATORS: *Paul Klimo,*

Nir Shimony

8:05-8:47 am

Oral Abstract Presentations

8:05-8:11 am

Gunshot Wounds in Pediatric Patients: A Single Institution Experience with Incidence, Outcomes, and Trends from the COVID-19 Pandemic

Omar Hussain

8:11-8:17 am

Post-MOMS Era: A Decade of Single-Center Experience Comparing Fetal Repair Versus Postnatal Closure of Myelomeningocele

Kamila Bond

8:17-8:23 am

Inducing Terminal Differentiation in Medulloblastoma with Thyroid Hormone

Rohan Gupta

8:23-8:29 am

Impact of an Early-Intervention Management Algorithm for Preterm Severe Intraventricular Hemorrhage and Post-Hemorrhagic Ventricular Dilation

Julie Uchitel

8:29-8:35 am

Palliative Rhizotomy in Severe Cerebral Palsy: A Cohort Study and Meta-Analysis

Lara Rostomian

8:35-8:41 am

Neurocamp: A Hands-On Approach to Integrating Foundational Neuroscience Concepts with K-12 Science Education in Under-Resourced Communities in Birmingham, Alabama

Rishi Devulapalli

8:41-8:47 am

Live Cell Vaccination Overcomes Immunotherapy Resistance to Generate Durable Immunity in Glioma Models

David Giles

8:47-9:00 am

Question and Answer Session

9:00-9:45 am

General Scientific Session 8: Tumors

MODERATORS: *Katie P. Fehnel, Guillermo*

Aldave Orzaiz

Grand Ballroom A-C

9:00-9:30 am

Oral Abstract Presentations

9:00-9:06 am

Local Immunogenic and Cytotoxic Response Drives Radiographic Changes in Pediatric Brain Tumors Treated with RNA Nanoparticles

Rachel Moor

9:06-9:12 am

Impact of Hypothalamic Involvement and Tumor Size on Management and Outcomes of Pediatric Adamantinomatous Craniopharyngioma: A Multi-Center Study

Yan Zhou

MEETING AGENDA

SATURDAY, DECEMBER 6, 2025

9:12-9:18 am
Endocrinopathies Associated with Pediatric Rathke Cleft Cysts: A Retrospective Review

Maeve Humphrey

☀️ **9:18-9:24 am**
National Quality Database Analysis of Patient and Peri-Operative Risk Factors of Morbidity After Supratentorial Brain Tumor Resection

George W. Koutsouras

9:24-9:30 am
How the Molecular Era Has Impacted Neurosurgical and Oncological Decision Making in the Treatment of Pediatric Brain Tumors

Natasha E. Hongsermeier-Graves

9:30-9:45 am
Question and Answer Session

9:30 am-1:15 pm
Exhibit Hall Open
Tennessee Exhibit Hall

9:45-10:30 am
Beverage Break in the Exhibit Hall
Tennessee Exhibit Hall

What's New Sessions
Industry Sponsored Presentations
NeuroZone, Exhibit Hall

10:30-11:30 am
General Scientific Session 9: Epilepsy

MODERATORS: *Jonathan A. Pindrik, Luis Rodriguez*
Grand Ballroom A-C

10:30-11:12 am
Oral Abstract Presentations

10:30-10:36 am
Corpus Callosotomy & Disconnection Syndrome: A Grading Score Proposal
Christopher Troy

☀️ **10:36-10:42 am**
Comparative Analysis of Epilepsy & Functional Outcomes Between Open Surgical Corpus Callosotomy (CC) and MRI-guided Laser Interstitial Therapy for CC (MRIGLITT-CC) at a Single Institution

Hailey Budnick

10:42-10:48 am
Comparative Multicenter Evaluation of Thalamic Neuromodulation for Drug-Resistant Epilepsy in Children
Nebras Warsi

☀️ **10:48-10:54 am**
A Causal Brain Network Linked to Seizure Response after Centromedian Deep Brain Stimulation
Karim Mithani

☀️ **10:54-11:00 am**
Clinical Predictors and Outcomes in Stereo-EEG Monitoring Duration for Pediatric Patients with Drug-Resistant Epilepsy
Olunmi A. Fariyike

11:00-11:06 am
Factors Affecting the Length of Stage II Stereo Electroencephalography (sEEG): The Memphis Experience
Christopher Troy

11:06-11:12 am
The Loop-X in Pediatric Neurosurgery
Loucif Houari

11:12 am-11:30 pm
Question and Answer Session

11:30 am-12:15 pm
General Scientific Session 10: Trauma

MODERATORS: *Michael C. Dewan, Andrew Reisner*
Grand Ballroom A-C

11:30-12:00 pm
Oral Abstract Presentations

11:30-11:36 am
TBI. A Safe Discharge Protocol
Loucif Houari

MEETING AGENDA

SATURDAY, DECEMBER 6, 2025

11:36-11:42 am

Traumatic Venous Sinus Thrombosis in Pediatric Linear Skull Fractures: A 10 Year Retrospective Analysis

Jackson P. Lyttleton

11:42-11:48 am

Concussion Legislation for Youth Sports: A National Review of Cognitive Testing and Medical Clearance Standard

Khushi H. Shah

11:48-11:54 am

All Over the MAP: A Pilot Study of Mean Arterial Pressure Goals in Pediatric Acute Spinal Cord Injury

Katherine E. Chandler



11:54 am-12:00 pm

Demonstration of Shunt Flow at High (7 T) and Low (0.55 T) Magnetic Field, with Targeted Investigation of Hardware Variables Across 8 Different Scanners

Jason Toliao

12:00-12:15 pm

Question and Answer Session

12:15-1:15 pm

COMPLIMENTARY LUNCH in the Exhibit Hall

Tennessee Exhibit Hall

12:30-1:15 pm

RIGS Group B Luncheon

Chiari, Neuro-Oncology, Hydrocephalus, Craniofacial

Forest Room

1:15-1:35 pm

Research Interest Group Chair Reports

SPEAKERS: *Mari L. Groves, George Ibrahim, David S. Hersh, Brandon Rocque, Alfred P. See, Eric A. Sribnick, Jennifer Strahle, Mandeep S. Tamber,*
Grand Ballroom A-C

1:35-1:40 pm

In Memoriam: Andrew Foy

Sean M. Lew

Grand Ballroom A-C

1:40-1:45 pm

Introduction of Special Speaker

Paul Klimo

1:45-2:15 pm

The Memphis Sound Experience

Boo Mitchell



2:15-2:30 pm

Question and Answer Session

2:30-2:55 pm

Beverage Break

Grand Ballroom West Foyer

2:55-4:45 pm

SONS Scientific Session

Grand Ballroom A-C

2:55-3:40 pm

SONS Lecturer:

Austin Dalgo



3:40-3:50 pm

SONS Lecturer Q&A

3:50-4:26 pm

SONS Abstracts

3:50-3:56 pm

Breaking Down Barriers to Care: A Single-Center Survey of Pediatric Neurosurgical Patients

Clarissa Bowers

3:56-4:02 pm

Real World Treatment and Hospital Outcomes of Firearm-Related Traumatic Brain Injury in Pediatric Patients: A North American Observational Cohort Study

Armaan K. Malhotra

MEETING AGENDA

SATURDAY, DECEMBER 6, 2025

4:02-4:08 pm

Social Determinants of Health and Outcomes in Pediatric Intracranial Infections: A Multi-Center Study

Megan G. Anderson

4:08-4:14 pm

Racial and Ethnic Disparities in Social Determinants of Health Among Pediatric Neurosurgery Patients

James Shi

4:14-4:20 pm

The Effect of Intracranial Pressure Monitoring Utilization for Children and Adolescent with Blunt Severe Traumatic Brain Injury

Armaan K. Malhotra

4:20-4:26 pm

Fortify Alabama: Corn Masa Fortification for Spina Bifida Prevention

Michael Feldman

4:26-4:45 pm

Question and Answer Session

4:45-4:50 pm

Award Presentations

Grand Ballroom A-C

4:50-5:20 pm

Pediatric Section Annual Business Meeting

Grand Ballroom A-C

6:30 pm

Social Night at Charlie Vergos' Rendezvous (walking distance from the hotel)

Join us for Memphis BBQ and networking with colleagues. Visit the registration counter to purchase tickets.



MEETING AGENDA

SUNDAY, DECEMBER 7, 2025



**SUNDAY,
DECEMBER 7**

7:00-8:00 am
COMPLIMENTARY BREAKFAST
Grand Ballroom West Foyer

8:00-8:05 am
Opening Remarks
Speaker: Paul Klimo
Grand Ballroom A-C

8:05-9:00 am
**General Scientific Session 11:
Hydrocephalus**

MODERATORS: *Stephanie L. Einhaus,
Benjamin C. Warf*
Grand Ballroom A-C

8:05-8:47 am
Oral Abstract Presentations

☀ **8:05-8:11 am**
**Late Infections Following
Shunt Surgery in Pediatric
Patients with Hydrocephalus: A
Multicenter Collaboration from the
Hydrocephalus Clinical Research
Network (HCRN)**
David Hersh

8:11-8:17 am
**The Aging Caregiver in Spina Bifida
Care: A Predictable Yet Preventable
Emerging Clinical Storm**
Hunter C. Davies

☀ **8:17-8:23 am**
**Do You Need the Shunt? Results of a
Novel Shunt Removal Protocol**
Austin J. Allen

8:23-8:29 am
**Improving the Endoscopic Third
Ventriculostomy Success Score by
Including Sagittal T2 SPACE MRI
Sequence Analysis of Prepontine
Cistern Scarring**
Ryan McCann

☀ **8:29-8:35 am**
**Risk Factors for Non-Obstructive
CSF Over-Drainage in the Treatment
of Pediatric Hydrocephalus: A
Hydrocephalus Clinical Research
Network (HCRN) Study**
Jonathan A. Pindrik

☀ **8:35-8:41 am**
**Preoperative Frontal-Occipital
Ratio Negatively Correlates with
Cognitive Outcomes in Shunt-Treated
Myelomeningocele-Associated
Hydrocephalus**
Paul Soden

☀ **8:41-8:47 am**
**Re-evaluating the Approach to
Preclinical Neonatal Intraventricular
Hemorrhage Models: Insights from
Longitudinal Data Obtained from
157 Rats**
Owen Limbrick

8:47-9:00 am
Question and Answer Session

9:00-10:00 am
Rapid Fire Session #1 – Top Tier Posters
*Moderators: Alan R. Cohen, Paul Klimo,
Nir Shimony*
Grand Ballroom A-C

9:00-9:15 am
Group 1

9:00-9:03 am
**Evolving Landscape of Inhibitors in
the Treatment of Lesional Epilepsy in
Eloquent Regions Related to Low-
Grade Glioma**
Sima Vazquez

☀ **9:03-9:06 am**
**Early Intervention for Neonatal
Intraventricular Hemorrhage: Are We
Making a Difference?**
Julia Pazniokas

☀ **9:06-9:09 am**
**Evaluation of Shunt Malfunction in the
Acute Care Setting: The SMaRT Score
and ShuntGPT**
Kurt R. Lehner

MEETING AGENDA

SUNDAY, DECEMBER 7, 2025

9:09-9:12 am

Urological Outcomes Following Fetoscopic, Open Fetal and Postnatal Repair for Open Spina Bifida: A Retrospective Cohort Study

Rya Muller

9:12-9:15 am

Thalamic Target Selection Using Stereo-Electroencephalography for Neuromodulation in Pediatric Drug-Resistant Epilepsy

Dominic A. Nistal

9:15-9:20 am

Question and Answer Session

9:20-9:35 am

Group 2

☀ 9:20-9:23 am

Predictive Power of Phase 1 Studies for the Identification of Seizure Onset Zone in Phase 2 in a Pediatric Epilepsy Cohort

Kalman Katlowitz

9:23-9:26 am

Changes in Nasofrontal and Nasotopic Angle on 3D Photocephalometry After Sagittal Craniectomy for Scaphocephaly

Sophia Blasco

9:26-9:29 am

Brain Developmental Stage Shapes the Transcriptomic Response to Intraventricular Blood Products

Braden Oldham

☀ 9:29-9:32 am

The Broth Dilemma: Is Liquid Culture Growth an Indicator of Shunt Infection in Children?

Chesney Billiter

9:32-9:35 am

MRI-Guided Laser Callosotomy for Pediatric Generalized Epilepsy: Safety and Effectiveness in the Largest Single-Institution Series

Akshay Sharma

9:35-9:40 am

Question and Answer Session

9:40-9:55 am

Group 3

☀ 9:40-9:43 am

High-Intensity Focused Ultrasound is Biomechanically Compatible with a Pediatric Population

Kiefer J. Forseth

☀ 9:43-9:46 am

The Role of Advanced Practice Providers in Facilitating Transition of Care for Pediatric Neurosurgical Patients

Laila M. Mohammad

9:46-9:49 am

Safety and Feasibility of Thalamic Stereo-Encephalography in Children with Drug-Resistant Epilepsy

Suna Jung

☀ 9:49-9:52 am

The Magnet-Actuated Cranial (MAC) Distraction System: A Novel Fully Internalized Distraction System for Children with Syndromic Craniosynostosis

Mohammed Fouda

9:52-9:55 am

Beyond Sagittal Synostosis: Spring-Mediated Cranial Distraction in Children with Syndromic and Non-Syndromic Craniosynostosis

Maritza N. Taylor

9:55-10:00 am

Question and Answer Session

10:00-10:30 am

Beverage Break

Grand Ballroom West Foyer

MEETING AGENDA

SUNDAY, DECEMBER 7, 2025

10:30-11:30 am

Rapid Fire Session #2 – Top Tier Posters

Moderators: Paul Klimo, Nir Shimony

Grand Ballroom A-C

10:30-10:45 am

Group 1

☀️ 10:30-10:33 am

**Early Return, Late Lessons:
Predictors of Rapid Return
to the Operating Room for
Ventriculoperitoneal Shunt Surgery**

Casey A. Ryan

10:33-10:36 am

**Endoscopic-assisted Strip
Craniectomy for Sagittal
Craniosynostosis in Infants 6
Months and Older**

Caleb Morales

10:36-10:39 am

**Improved Detection of Focal Cortical
Dysplasia in Pediatric Epilepsy
Using FGATIR Imaging**

Kurt R. Lehner

10:39-10:42 am

**Association Between Fetal and
Postnatal Conus Medullaris Levels in
Simple Tethered Cord Patients**

Shreya D. Mehta

☀️ 10:42-10:45 am

**Deep Brain Stimulation of the
Centromedian Nucleus for Drug-
Resistant Epilepsy in Children:
Quality-of-Life and Functional
Outcomes from the CHILD-DBS
Registry**

Karim Mithani

10:45-10:50 am

Question and Answer Session

10:50-11:05 am

Group 2

☀️ 10:50-10:53 am

**Is an Intrathecal Baclofen Trial
Helpful to Select Patients and Predict
Outcomes after Selective Dorsal
Rhizotomy in Children with Cerebral
Palsy?**

Hannah Weiss

10:53-10:56 am

**Complement System Inhibition
Protects Parvalbumin-Expressing
Cells and Perineuronal Nets After
Germinal Matrix Hemorrhage**

Julia Pazniokas

☀️ 10:56-10:59 am

**Utilization of Vashe® Wound Solution
in Reducing Ventriculoperitoneal
Shunt Infections in the Pediatric
Population at Tertiary Care Centre**

Adnan Shahid

☀️ 10:59-11:02 am

**Racial and Insurance-Based
Disparities in Timing of
Craniosynostosis Surgery Across the
Endoscopic Era: A 763-Patient Single-
Center Cohort Study**

Timothy G. Singer

☀️ 11:02-11:05 am

**Fetoscopic, Open Fetal and Postnatal
Repair for Open Spina Bifida: Long-
Term Follow-Up of a Single-Institution
Retrospective Cohort Study**

Brianna C. Theriault

11:05-11:10 am

Question and Answer Session

MEETING AGENDA

SUNDAY, DECEMBER 7, 2025

11:10-11:25 am
Group 3

☀ 11:10-11:13 am
Necrotizing Enterocolitis and Shunt
Survival in Premature Infants with
Posthemorrhagic Hydrocephalus
Vijay Ravindra

11:13-11:16 am
Impact of Setting on Adverse Events
in External Ventricular Drains
Emily Harford

11:16-11:19 am
Impact of Posterior Circulation
Involvement in Pediatric Moyamoya
Disease and Syndrome
Dominic A. Nistal

11:19-11:22 am
Deep Brain Stimulation in Young
Children Excluded from the FDA
Humanitarian Device Exemption:
Analysis of the CHILDBS Registry
Samuel Molot-Toker

☀ 11:22-11:25 am
Modeling the Primary Tumor-
Immune Microenvironment via
Co-Culture of Pediatric Brain Tumor
Cells with Autologous or Allogeneic
Peripheral Blood Mononuclear Cells
Samuel Molot-Toker

11:25-11:30 am
Question and Answer Session

11:30-11:35 am
Award Presentations
Grand Ballroom A-C

11:35-11:40 am
Closing Remarks
Speakers: Paul Klimo, Nir Shimony
Grand Ballroom A-C

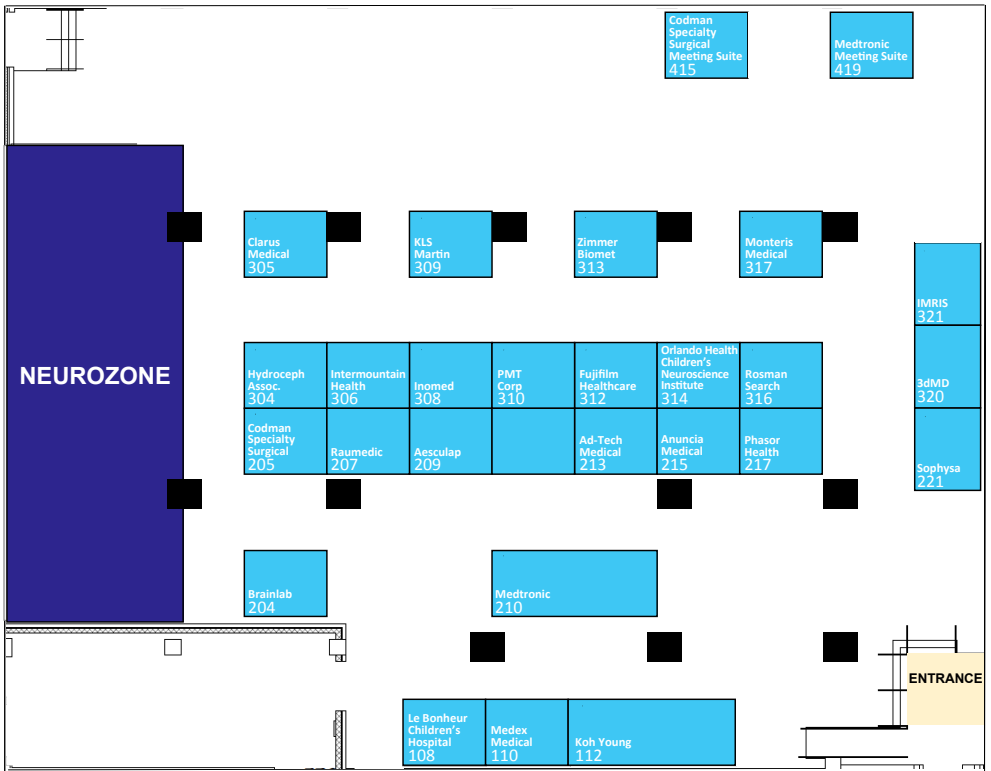


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EXHIBIT HALL INFORMATION

EXHIBIT HALL FLOOR PLAN



TENNESSEE EXHIBIT HALL

EXHIBIT HALL INFORMATION

Location:

Tennessee Exhibit Hall

Hours:

Friday, December 5
9:00 am-6:45 pm

Saturday, December 6
9:30 am-1:15 pm

Company	Booth
3dMD 3dmd.com	320
Ad-Tech Medical Instrument Corporation adtechmedical.com	213
Aesculap Inc. aesculapusa.com	209
Anuncia Medical, Inc. anunciamedical.com	215
Brainlab brainlab.com	204
Clarus Medical, LLC clarus-medical.com	305
Codman Specialty Surgical/Integra Lifesciences integralife.com	205
FujiFilm Healthcare Americas Corporation healthcaresolutions-us.fujifilm.com	312
Hydrocephalus Association hydroassoc.org	304
IMRIS imris.com	321
Inomed inomed.com	308
Intermountain Health intermountainhealthcare.org	306
KLS Martin klsmartin.com	309

Company	Booth
Koh Young Technology leica-microsystems.com	112
Le Bonheur Children's Hospital lebonheur.org	108
Medex Medical medexsupply.com	110
Medtronic medtronic.com	210
Monteris Medical Inc. monteris.com	317
Orlando Health Childrens Hospital Neuroscience Institute orlandohealth.com	314
Phasor Health, LLC phasorhealth.com	217
PMT Corporation pmtcorp.com	310
Raumedic raumedic.com	207
RosmanSearch, Inc. rosmansearch.com	316
Signal Gear signalgear.com	420
Sophysa USA Inc. sophysa.com	221
Zimmer Biomet Zimmerbiomet.com	313

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WHAT'S NEW SESSION

Meet in the NeuroZone within the Exhibit Hall to learn the latest from Industry

FRIDAY, DECEMBER 5

2:47-2:57 pm

— Anuncia Medical —

Integration of the ReFlow in Shunt Management Sudhakar Vadivelu



2026 Joint Pediatric Section Annual Meeting Hilton Union Square San Francisco, CA

The 2026 Joint Pediatric Section Annual Meeting is jointly provided by the Congress of Neurological Surgeons and the Joint Section on Pediatric Neurological Surgery.



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