



49th Annual Meeting
The American Society of Pediatric Neurosurgeons
January 25-30, 2026

PROGRAM

SUNDAY, JANUARY 26

10:00 am - 1:00 pm	Executive Committee Meeting (<i>EC only</i>)	<i>Boardroom B</i>
1:00 pm - 5:00 pm	Registration	<i>Hapuna Ballroom Foyer</i>
5:00 pm - 7:00 pm	Welcome Reception with Guest Introductions	<i>Ocean Lawn</i>

MONDAY, JANUARY 26

6:45 am - 12:00 pm	Registration	<i>Hapuna Ballroom Foyer</i>
7:00 am - 9:00 am	Breakfast for Registered Physicians & Registered Guests	<i>Hapuna Ballroom Foyer</i>
7:30 am - 7:40 am	Welcoming Remarks Dody Robinson, MD	<i>Hapuna Ballroom</i>
7:41am - 8:10 am	Challenging Case Debate: Chiari Facilitator: David Limbrick, MD, PhD Panelists: Cormac Maher, MD and Nathan Selden, MD, PhD	
8:10 am - 8:20 am	Q & A	
8:20 am - 10:00 am	Scientific Abstracts 1: Chiari/General/Advocacy (8 min presentations followed by 2 min Q&A) Moderator: Renee Reynolds, MD	
8:20 am - 8:30 am	Abstract #1: Firearm Safety Device Distribution: Feasibility in a Neurosurgery Clinic Eric Sribnick, MD	
8:30 am - 8:40 am	Abstract #2: Growing Burden of Pediatric Firearm-Related Traumatic Brain Injury: A Nationwide Inpatient Analysis Kelly B Mahaney, MD, MS	
8:40 am - 8:50 am	Abstract #3: Redefining Readiness: Practical Tools, Frameworks, and Processes for Assessing Competence and Conferring Entrustment in Pediatric Neurosurgery Resident Education Jesse Winer, MD	
8:50 am - 9:00 am	Abstract #4: Evaluating the Role of Language as Driver of Patient Outcomes in Pediatric Neurosurgery Laura Prolo MD, PhD	
9:00 am - 9:10 am	Abstract #5: Logistical Planning for Parental Leave as Neurosurgeons Kimberly Hamilton, MD	
9:10 am - 9:20 am	Abstract #6: Posterior Cranial Vault Distractor Osteogenesis for the Treatment of Chiari Malformation: A Case Series James Baumgartner, MD	



PROGRAM

9:20 am - 9:30 am	Abstract #7: A Series of Pediatric Patients with De Novo Primary Chiari I Malformation Tong Yang, MD PhD
9:30 am - 9:40 am	Abstract #8: Towards AI Assisted Hydrocephalus Control in Low-Resource African Settings Steven Schiff, MD, PhD
9:40 am - 9:50 am	Abstract #9: Transition of Care in Pediatric Neurosurgery: National Survey of Program Structures, Barriers, and Best Practices Laila M. Mohammad, MD
9:50 am - 10:00 am	Abstract #10: Research Experience, Goals, and Priorities of Pediatric Neurosurgeons: A Survey of the American Society of Pediatric Neurosurgeons David Hersh, MD
10:00 am - 10:20 am	Refreshment Break <i>Hapuna Ballroom Foyer</i>
10:20 am - 11:50 am	Scientific Abstracts 2: Craniosynostosis/Trial Updates/Trauma (8 min presentations followed by 2 min Q&A) Moderator: Abhaya Kulkarni, MD, PhD
10:20 am - 10:30 am	Abstract #11: Automated Craniosynostosis Diagnosis Using Artificial Intelligence Models with Facial Images Edward S. Ahn, MD
10:30 am - 10:40 am	Abstract #12: Isolated Squamosal Synostosis: A Rare Craniosynostosis Subtype Revisited Through Cohort Analysis and Systematic Review Shih-Shan Chen, MD
10:40 am - 10:50 am	Abstract #13: Comparative Outcomes of Surgical Techniques for Unilateral Coronal Synostosis: A Multi-Modal Analysis Dhruve Satish Jeevan, MD
10:50 am - 11:00 am	Abstract #14: Endoscopic Treatment of Sagittal Craniosynostosis in Children 6 to 9 Months of Age: An Effective and Safe Option for Delayed Presentations Ziyad Makoshi, MBBS
11:00 am - 11:10 am	Abstract #15: Evolution of Technique and Surgical Outcomes in Craniosynostosis Management - A 30-Year Retrospective Review Patrick F. O'Brien, MD



49th Annual Meeting
The American Society of Pediatric Neurosurgeons
January 25-30, 2026

PROGRAM

11:10 am - 11:20 am	Abstract #16: Lessons Learned from SCEMPI: An Early Phase Intervention Clinical Trial for Very Preterm Infants with IVH Dody Robinson, MD	
11:20 am - 11:30 am	Abstract #17: Establishing a Protocol for Admission from the Emergency Department for Pediatric Patients with Mild Traumatic Brain Injury S. Hassan A. Akbari, MD	
11:30 am - 11:40 am	Abstract #18: Whole blood GFAP and UCH-L1 for Prediction of Absence of Intracranial Injury on Computed Tomography in Pediatrics Grace Lai, MD PhD	
11:40 am - 12:10 pm	Session on Structured Collaborations	
12:25 pm	Mentorship Luncheon (<i>invitation only</i>)	<i>Breezeway</i>



PROGRAM

TUESDAY, JANUARY 27

6:45 am - 12:00 pm	Registration	<i>Hapuna Ballroom Foyer</i>
7:00 am - 9:00 am	Breakfast for Registered Physicians & Registered Guests	<i>Hapuna Ballroom Foyer</i>
7:30 am - 7:34 am	Opening Remarks	<i>Hapuna Ballroom</i>
7:35 am - 9:00 am	Challenging Cranial Cases Moderator: Raphael Guzman, MD	
7:35 am - 7:55 am	James Rutka, MD, PhD	
7:55 am - 8:00 am	Q&A	
8:00 am - 8:20 am	Al Cohen, MD	
8:20 am - 8:25 am	Q&A	
8:25 am - 8:55 am	Howard Weiner, MD	
8:55 am - 9:00 am	Q&A	
9:00 am - 9:30 am	Complications Abstracts (8 min presentations followed by 2 min Q&A) Moderator: Raphael Guzman, MD	
9:00 am - 9:10 am	Abstract #19: Do You Still Need That Shunt? A Hydrocephalus Case Complication Ruth Bristol, MD	
9:10 am - 9:20 am	Abstract #20: Complex Chiari with Hydrocephalus and Hygromas Eric Jackson, MD	
9:20 am - 9:30 am	Abstract #21: Complications Related to Surgical Treatment of Bowhunter's Syndrome Jennifer S. Ronecker, MD	
9:30 am - 10:00 am	Refreshment Break	<i>Hapuna Ballroom Foyer</i>
10:00 am - 11:00 am	Pearls Abstracts (8 min presentations followed by 2 min Q&A) Moderator: Susan Durham, MD and Patrick McDonald, MD	
10:00 am - 10:10 am	Abstract #22: Use of Spine Navigation to Facilitate Intrathecal Catheter Implantation in the Complex Spine: Surgical Technique and Case Series David F. Bauer, MD, MPH	
10:10 am - 10:20 am	Abstract #23: Novel Use of a Q Collar to Provide Jugular Venous Compression and Improve Ventricular Drainage in Patients with Low or Negative Pressure Hydrocephalus Erin N Kiehna, MD	
10:20 am - 10:30 am	Abstract #24: Electromagnetic Neuro Navigation Accuracy Improvement-Reference Sticker Placement Carolyn Quinsey, MD	



49th Annual Meeting
The American Society of Pediatric Neurosurgeons
January 25-30, 2026

PROGRAM

10:30 am - 10:40 am	Abstract #25: Pediatric Stereotaxis: An Experience with Multiple Systems Manish Shah, MD	
10:40 am - 10:50 am	Abstract #26: Layer-by-Layer: Optimizing Muscle Closure in Posterior Fossa Decompression Krystal L Tomei, MD, MPH	
10:50 am - 11:00 am	Abstract #27: Surgical Management of Vascular Encasement in Malignant Tumors: Technical Note Guillermo Aldave, MD	
11:00 am - 11:10 am	Introduction of the Hoffman Lecture Peter Dirks, MD, PhD and Dody Robinson, MD	
11:10 am - 12:00 pm	Hoffman Lecture: Because All We Have is Each Other: What Every Child Health Professional Needs to Know About Advocacy Benjamin Hoffman, MD	
12:00 pm - 12:10 pm	Q & A	
7:00 pm - 9:00 pm	President's Dinner (<i>invitation only</i>)	<i>Courtyard</i>



PROGRAM

WEDNESDAY, JANUARY 28

6:45 am - 12:00 pm	Registration	<i>Hapuna Ballroom Foyer</i>
7:00 am - 9:00 am	Breakfast for Registered Physicians & Registered Guests	<i>Hapuna Ballroom Foyer</i>
7:30 am - 7:34 am	Opening Remarks	<i>Hapuna Ballroom</i>
7:35 am - 8:05 am	Challenging Cases Debate: Hydrocephalus/Slit Ventricle Syndrome Facilitator: Curtis Rozzelle, MD; Panelists: Robert Naftel, MD and Richard Ellenbogen, MD	
8:05 am - 8:15 am	Q & A	
8:15 am - 9:25 am	Scientific Abstracts 3: Hydrocephalus/Pain (8 min presentations followed by 2 min Q&A) Moderator: Greg Heuer, MD, PhD	
8:15 am - 8:25 am	Abstract #28: Accurate Non-invasive Phase-contrast (PC) MRI Volumetric CSF Flow Determination in Pediatric Ventricular Shunts Peter Chiarelli, MD, DPhil	
8:25 am - 8:35 am	Abstract #29: Developmental Stage-Dependent Transcriptomic Responses to Neonatal Intraventricular Hemorrhage Brandon Miller, MD	
8:35 am - 8:45 am	Abstract #30: Necrotizing Enterocolitis and Shunt Survival in Premature Children with Posthemorrhagic Hydrocephalus: A Hydrocephalus Clinical Research Network Study Vijay M. Ravindra, MD, MSPH	
8:45 am - 8:55 am	Abstract #31: Using Rapid Sequence MRI Scans to Compare Ventricular and Brain Volumes in Shunted and Non-shunted Children with Myelomeningocele: A Retrospective Observational Cohort Study Heather Spader, MD	
8:55 am - 9:05 am	Abstract #32: 30-Day Outcomes After Ventriculoperitoneal Shunting in Post-Hemorrhagic Hydrocephalus of Prematurity: A NSQIP-P Analysis Shobhan Vachhrajani, MD	
9:05 am - 9:15 am	Abstract #33: Determining the Valve Resistance Setting of Programmable Shunt Valves Using Conventional Smartphones is Feasible in Pediatric Patients Jesse Skoch, MD	
9:15 am - 9:25 am	Abstract #34: Chronic Pain Syndrome in Children Jeffrey Raskin, MD	
9:00 am - 10:30 am	Book Club: <i>The Correspondent</i> by Virginia Evans Hosted by: Rebecca Weprin	<i>Kona Lanai</i>
9:25 am - 9:50 am	Refreshment Break	<i>Hapuna Ballroom Foyer</i>



PROGRAM

9:50 am - 11:00 am	Scientific Abstracts #4: Spine & Spasticity (8 min presentations followed by 2 min Q&A) Moderators: Annie Drapeu, MD and Rob Bollo, MD
9:50 am - 10:00 am	Abstract #35: Compliance in Magnetically-Controlled Growing Rod Clinic Independent of Geographic Location: The Impact of a Dedicated Team for Pediatric Outpatient Distraction Treatments Jamal McClendon Jr., MD
10:00 am - 10:10 am	Abstract #36: Exploring the Legal Landscape of Intradural Spine Procedures: A Retrospective Analysis of U.S. Malpractice Claims Andrew Kobets, MD
10:10 am - 10:20 am	Abstract #37: Cognitive Outcomes after Selective Dorsal Rhizotomy: A Prospective Protocol Linking Intraoperative Sensory Modulation with Postoperative Cognitive Change Saul Wilson, MD
10:20 am - 10:30 am	Abstract #38: Automating Observational Gait Analysis Using an Artificial Intelligence Augmented Pipeline in Patients with Cerebral Palsy Albert Tu, MD
10:30 am - 10:40 am	Abstract #39: Combined Dorsal Ventral Rhizotomy Outcomes for Spastic / Dystonic Cerebral Palsy: A Prospective Registry Analysis Weston Northam, MD
10:40 am - 10:50 am	Abstract #40: Practice Variation in Surgical Tone Management for Non-Ambulatory Children with Cerebral Palsy: Results from The Cerebral Palsy Research Network Neena I. Marupudi, MD, MS
10:50 am - 11:00 am	Abstract #41: Are Multilevel Three-Column Osteotomies Safe to Perform? Steven W. Hwang, MD
11:00 am - 11:10 am	Leading the Way in Neurosurgery Presenter: Katie Orrico, JD, CEO AANS
11:10 am - 11:15 am	Q&A
11:15 am - 11:25 am	President Introduction Brad Weprin, MD
11:25 am - 12:15 pm	Presidential Address Dody Robinson, MD



49th Annual Meeting
The American Society of Pediatric Neurosurgeons
January 25-30, 2026

PROGRAM

THURSDAY, JANUARY 29

6:45 am - 12:00 pm	Registration	<i>Hapuna Ballroom Foyer</i>
7:00 am - 9:00 am	Breakfast for Registered Physicians & Registered Guests	<i>Hapuna Ballroom Foyer</i>
7:00 am - 8:00 am	Annual Business Meeting (<i>Members only</i>)	<i>Hapuna Ballroom</i>
7:30 am - 7:34 am	Opening Remarks	<i>Hapuna Ballroom</i>
7:35 am - 8:05 am	Challenging Cases Debate: Epilepsy Facilitator: Jeffrey Blount, MD Discussants: Carrie Muh, MD and Jason Hauptman, MD	
8:05 am - 8:10 am	Q & A	
8:10 am - 8:50 am	Scientific Abstracts #5: Global (8 min presentations followed by 2 min Q&A) Moderator: Jeffrey Blount, MD	
8:10 am - 8:20 am	Abstract #42: Building Sustainable Pediatric Neurosurgical Capacity in the Caribbean: A Multi-Institutional Collaboration Anchored in Five Proven Tenets of Global Neurosurgery Ariana Barkley, MD	
8:20 am - 8:30 am	Abstract #43: Building Sustainable Global Surgical Partnership in the Southern Philippines to Improve Access to Pediatric Neurosurgical Care Patricia Clerkin, MD	
8:30 am - 8:40 am	Abstract #44: How Effective is Endoscopy Used in “Endoscopic Craniosynostosis” Surgery Around the Globe? Results of a Preliminary Survey and a Case Study from a Lower Middle-income Country Eylem Ocal, MD	
8:40 am - 8:50 am	Abstract #45: Improving Neurosurgical Care in Afghanistan: Milestones, Challenges, and the Road Ahead Adam Ammar, MD	
8:50 am - 9:20 am	Refreshment Break	<i>Hapuna Ballroom Foyer</i>
9:20 am - 11:10 am	Scientific Abstracts #6: Epilepsy (8 min presentations followed by 2 min Q&A) Moderator: Brian Dlouhy, MD	
9:20 am - 9:30 am	Abstract #46: Variability in Thalamic Functional Connectivity with the Somato-Cognitive Action Network in Kids with Epilepsy: ASPN Seed Grant Progress Report Jarod L. Roland, MD	



PROGRAM

9:30 am - 9:40 am	Abstract #47: Back to the Future: Early Experience with the Brainlab Cirq Robotic sEEG System and Comparison to ROSA and Non-robotic sEEG Techniques Derek Yecies, MD
9:40 am - 9:50 am	Abstract #48: Update: Comparative Effectiveness of Epilepsy Surgery versus Additional Anti-seizure Medications for Lennox-Gastaut Syndrome: A Multicenter, Mixed-methods Study Sandi Lam, MD
9:50 am - 10:00 am	Abstract #49: SEEG-mediated Radiofrequency Ablation for Pediatric Patients with Medically Refractory Epilepsy is Safe and Effective at Reducing Seizure Burden Sean McEvoy, MD
10:00 am - 10:10 am	Abstract #50: Comparative Analysis of Epilepsy & Functional Outcomes between MRI-guided Laser Interstitial Therapy for Corpus Callosotomy (MRIgLITT-CC) and Open Surgical CC and at a Single Institution Jonathan Pindrik, MD
10:10 am - 10:20 am	Abstract #51: Intraoperative Versus Perioperative Antibiotic Administration in Pediatric Vagus Nerve Stimulator Implantation Angela Price, MD
10:20 am - 10:30 am	Abstract #52: Thalamic Neuromodulation for Pediatric Drug-Resistant Epilepsy Hannah E. Goldstein
10:30 am - 10:40 am	Abstract #53: Concordance of Predicted Outcomes of Epilepsy Surgery in Multi-disciplinary Consensus Conference and Actual Outcomes in Pediatric Epilepsy Surgery Irene Kim, MD
10:40 am - 10:50 am	Abstract #54: The Utility of Intracranial Pressure Monitoring During Stereoelectroencephalography Electrode Implantation in Children Sean Lew, MD
10:50 am - 11:00 am	Abstract #55: Lifetime Comparative Effectiveness and Cost-Effectiveness of Resection versus Laser Interstitial Thermal Therapy for Pediatric Focal Drug-Resistant Epilepsy: A Decision Analytic Model Taylor Abel, MD
11:00 am - 11:10 am	Abstract #56: Safety and Efficacy of Responsive Neurostimulation in Pediatric Drug-Resistant Epilepsy: Early Institutional Experience Marian Michael Bercu, MD, MS



49th Annual Meeting
The American Society of Pediatric Neurosurgeons
January 25-30, 2026

PROGRAM

- 11:10 am – 11:20 am Abstract #57: Update on Current Clinical Trials in Childhood Craniopharyngioma
Todd Hankinson, MD
- 11:20 am - 11:50 am **Workshop on Patient Advocacy with Benjamin Hoffman, MD**
- 6:30 pm - 9:30 pm **ASPN Annual Meeting Dinner** *Ocean Lawn*



PROGRAM

FRIDAY, JANUARY 30

6:45 am - 9:00 am	Breakfast for Registered Physicians & Registered Guests	<i>Hapuna Ballroom Foyer</i>
7:00 am - 7:25 am	Fellowship Directors Meeting	<i>Hapuna Ballroom</i>
7:30 am - 7:34 am	Announcements	
7:35 am - 8:05 am	Challenging Case Debate: Tumor Facilitator: Jeff Leonard, MD Discussants: Michael Levy, MD, PhD and Lissa Baird, MD	
8:05 am - 8:15 am	Q & A	
8:15 am - 9:45 am	Scientific Abstracts #7: Tumor (8 min presentations followed by 2 min Q&A) Moderator: Heather McCrea, MD, PhD	
8:15 am - 8:25 am	Abstract #58: Mapping the Stem Cell Compartment in the Developing Brainstem to Define Diffuse Midline Glioma Cellular Origins Peter Dirks, MD, PhD	
8:25 am - 8:35 am	Abstract #59: CP Angle Tumors in Children: Not Just the Usual Suspects William Gump, MD	
8:35 am - 8:45 am	Abstract #60: Surgical Treatment of Pre-Chiasmatic Optic Pathway Gliomas in Children Paul Klimo, MD	
8:45 am - 8:55 am	Abstract #61: Potentiating Natural Killer Cells-mediated Cytotoxicity in Medulloblastoma Rachel Pruitt, MD	
8:55 am - 9:05 am	Abstract #62: Ultra-rapid Targeted Sequencing of H3K27M for Intra-operative Molecular Diagnosis of DIPG/DMG Suresh N. Magge, MD	
9:05 am - 9:15 am	Abstract #63: MR-guided Low Intensity Focused Ultrasound with Aminolevulinic Acid Sonodynamic therapy (ALA SDT) for Diffuse Intrinsic Pontine Glioma Leads to Volumetric Changes in Tumor Burden Hasan R. Syed MD	
9:15 am - 9:25 am	Abstract #64: Evaluating the Synergistic Effects of Chemotherapy and Cranial Radiotherapy on Microvascular Damage and Cognitive Impairment in a Pediatric Medulloblastoma Treatment Model Karl Balsara, MD	
9:25 am - 9:35 am	Abstract #65: Creation of an immunocompetent mice brain tumor model expressing human CMV antigen Eric M. Thompson, MD	



PROGRAM

9:35 am - 9:45 am	Abstract #66: A Clinical Activation Protocol Improves Response Time to Urgent Neurosurgical Care in Children with Brain Tumors Michael DeCuypere, MD, PhD	
9:45 am - 10:15 am	Refreshment Break	<i>Hapuna Ballroom Foyer</i>
10:15 am - 11:20 am	Scientific Abstracts #8: Vascular, Spina Bifida (8 min presentations followed by 2 min Q&A) Moderator: Brad Weprin, MD	
10:15 am - 10:30 am	Abstract #67: The Timothy George Herd of Sheep with Spina Bifida - The P.A.S.T.U.R.E.S. Project Jay Wellons, MD	
10:30 am - 10:40 am	Abstract #68: Application of Connectomics to the Surgical Management of Pediatric Arteriovenous Malformations Jared Pisapia, MD	
10:40 am - 10:50 am	Abstract #69: A 50-Year Prospective Follow-Up of Patients with Myelomeningocele Treated Nonselectively at a Single Institution Robin Bowman, MD	
10:50 am - 11:00 am	Abstract #70: Can Negative Pressure Wound Therapy be an Adjunct in Myelomeningocele Closure? Esther B. Dupepe, MD	
11:00 am - 11:10 am	Abstract #71: Impact of Iodized Salt Fortified with Folic Acid, Vitamin B12 and Iron on Reproductive-aged Women in India Jogi V. Pattisapu, MD	
11:10 am - 11:20 am	Abstract #72: Deep Learning Evaluation of Surgical Outcomes after AVM Resection in Children Jennifer Quon, MD, MHS	
11:20 am - 11:25 am	Closing Remarks and Meeting Adjourns	

Dody Robinson and Eric Thompson would like to thank the 2026 Scientific Program Committee Members for their contribution to the program: Jeffrey Raskin, Andrew Kobets, Hal Metzger, Carolyn Quinsey, Ruth Bristol