

QUICK PLANNER



HEALING WITH PRECISION

50th Annual Meeting of the AANS/CNS Section on
PEDIATRIC NEUROLOGICAL SURGERY

December 7-10, 2021

The Grand America Hotel | Salt Lake City



Jointly Provided by the AANS



CNS

Get the Meeting App
at 360.aans.org



CONFERENCE INFORMATION



Opening Reception *Sponsored by Medtronic*

The Opening Reception takes place at The Grand America, in the Grand Salon. Make time to join your colleagues and friends to enjoy a beverage, appetizers and an evening of stimulating conversation to kick off the meeting.

This is a ticketed event. All registered attendees and guests will need to wear a meeting badge for access to the event. Additional tickets are available for \$100.



Meeting Room WiFi

Complimentary WiFi access is available in all meeting spaces Tuesday, Dec. 7-Friday, Dec. 10.

Network: peds2021

Passcode: peds2021



Health and Wellness – Mask Requirement

All attendees, exhibitors and guests are required to wear a mask during the meeting, except when presenting at the podium to reduce risk of spreading the COVID-19 virus.

Masks are available the Registration Desk.



Meeting App

Find an interactive meeting schedule, attendee/speaker listings, exhibitor map, poster abstracts and more within the AANS 360 app.

Visit 360.aans.org to get started.





Join the Conversation in the NeuroZone

Stop by the NeuroZone in the Exhibit Hall during breakfast, lunch and breaks to find out what is happening. This is a perfect opportunity to meet up with others, as well as dialogue with key speakers. Residents and medical students are invited to meet with leadership on Wednesday morning during breakfast. Consult the program schedule for additional details.



Prize Drawing

All attendees will receive a raffle ticket upon entering the Wine & Cheese Reception on Wednesday in the Exhibit Hall with a chance to win a prize. Drawing will take place in the NeuroZone during the reception. You must be present to win.



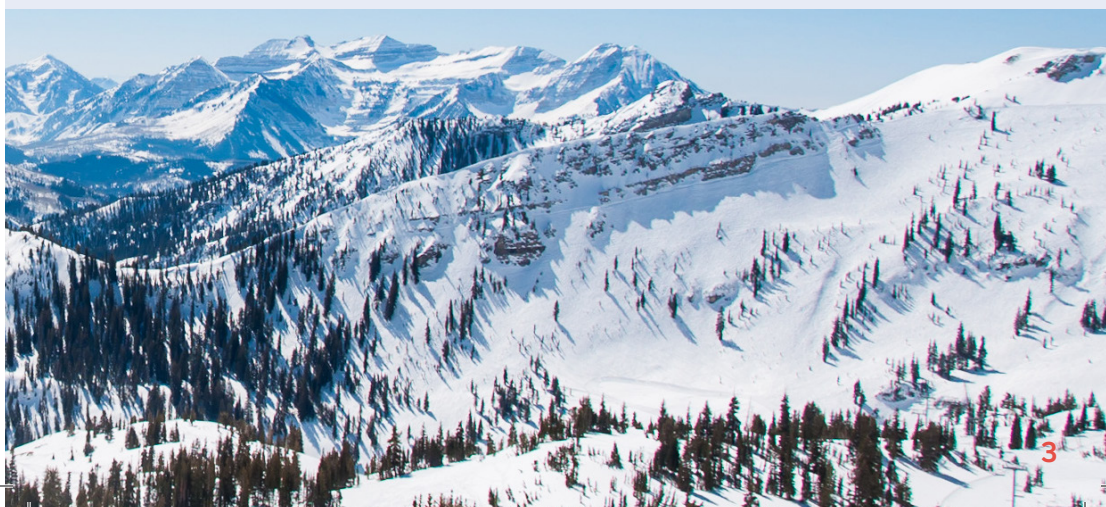
Abstract and Poster Presentations

Poster presenters are available to answer questions Thursday, 12:15-12:45 pm. View posters and visit with presenters in the back of the general session room. Top 10 Posters are available for viewing throughout the meeting. E-Posters are available at the kiosks, as well as in the meeting app.



Photography and Capture

By attending this meeting, you grant the AANS the right to use captured images, videos, and biographies in print, electronic or other media. All posting become the property of the AANS and may be displayed, distributed or used by the AANS for any purpose. Attendees are prohibited from live streaming, photography and video capture without the consent of the AANS. The AANS is not responsible for unauthorized media capture performed by meeting attendees.



TUESDAY, DEC. 7

ANNUAL MEETING PROGRAM SCHEDULE

TUESDAY, DEC. 7

7 am-7 pm

Registration

Location: Grand Foyer

12-4 pm

The AANS/CNS Section on Pediatric Neurological Surgery Executive

Committee Meeting

Location: Savoy

12-5 pm

Speaker Ready Room

Location: Venezia

4-5 pm

Education Committee

Location: Savoy

12-5:05 pm

ACPNF/AANS-CNS JOINT SECTION ON PEDIATRIC NEUROSURGERY FELLOW'S BOOTCAMP

Location: Murano

12-1 pm

Fellow's Bootcamp Lunch

1-1:14 pm

How to Create a Successful Academic Career

David Limbrick, MD, PhD, FAANS

1:15-1:29 pm

How to Create a Successful Private Career

David Gruber, MD, FAANS

1:30-1:44 pm

Advances in Neuroimaging Every Pediatric Neurosurgeon Should Know

John Rampton, MD

1:45-1:59 pm

Advances in Precision Medicine Every Pediatric Neurosurgeon Should Know

Samuel Cheshier, MD, PhD

2-2:09 pm

Break

2:10-2:24 pm

Medicolegal Issues: Staying Out of Trouble, Navigating the System

Jeffrey Leonard, MD, FAANS

2:25-2:39 pm

ROSA, LITT, SEEG, Epilepsy Planning

Robert Bollo, MD

2:40-2:54 pm

Clinical Trials: What Every Pediatric Neurosurgeon Should Know

John Kestle, MD, FAANS

2:55-3:09 pm

The Pros and Cons of Getting an MBA

Sandi Lam, MD, MBA, FAANS

3:10-3:24 pm

International Work

James Johnston Jr., MD, FAANS

3:25-3:34 pm

Break

3:35-3:49 pm

Pediatric Spine: Ortho/Neuro Issues

Richard Anderson Anderson, MD, FAANS

TUESDAY, DEC. 7

ANNUAL MEETING PROGRAM SCHEDULE

3:50-4:04 pm

**Getting Involved in Organized
Neurosurgery**

Alan Cohen, MD, FACS, FAAP, FAANS

4:05-4:19 pm

Bias, Ethics, Diversity and Inclusion

Susan Durham, MD, MS, FAANS

4:20-4:34 pm

Coding Basics

Mark Proctor MD, FAANS

4:35-4:49 pm

**Important Topics in ABPNS Board
Certification**

James Drake, MD, FAANS, MSc, FRCS

4:50-5:05 pm

Getting a Job

David Wrubel MD, FAANS

6-7:30 pm

OPENING RECEPTION

Location: Grand America, Grand Salon

This is a ticketed event. All registered attendees and guests will need to wear a meeting badge for access to the event. Additional tickets are available for \$100.



WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

WEDNESDAY, DEC. 8

7 am-4:30 pm

Speaker Ready Room

Location: Venezia

7 am-5 pm

Registration

Location: Grand Foyer

7 am-5:30 pm

Exhibit Hall

Location: Grand Ballroom BC

7:15-8 am

Continental Breakfast in the Exhibit Hall - NeuroZone: Residents and Medical Students Meet the Leadership

Location: Grand Ballroom BC

8-10:15 am

SCIENTIFIC SESSION I:
ABSTRACT HIGHLIGHTS

Location: Imperial Ballroom

Moderators

Edwin Kulubya, MD

Ruth Bristol, MD, FAANS

8-8:10 am

Welcome and Opening Remarks

Bermans Iskandar, MD, FAANS

Douglas Brockmeyer, MD, FAANS

8:11-8:25 am

Posthumous Franc Ingraham Lifetime Achievement Award Presented to James T. Goodrich, MD, PhD, FAANS, Accepted by Judy Goodrich

Marion Walker, MD, FAANS(L)

8:26-8:32 am

1. Chiari Intervention Type Does Not Impact Overall Quality Of Life

Thanda Meehan

8:33-8:39 am

2. SPAK kinase links immune cell signaling to epithelial secretion at the choroid plexus-cerebrospinal fluid interface

Benjamin Reeves 

8:40-8:46 am

3. Radiomics can distinguish between pediatric supratentorial embryonal tumors, high-grade gliomas and ependymomas.

Michael Zhang, MD 

8:47-8:53 am

4. Racial Differences in Clinical Recovery from Sports-Related Concussion are Mediated by Disparities in Initial Symptom Burden and Concussion History

Aaron Yengo-Kahn, MD 

8:54-9 am

5. The clinical course and role of surgery in pediatric malignant peripheral nerve sheath tumors.

Victor Lu, MD

9:01-9:07 am

6. Point-of-Care Pathogen Diagnostics from Brain Imaging

Mallory Peterson, PhD 

WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

9:08-9:14 am

7. Predictors of Neurosurgical Intervention and Image Progression in Children with Mild Traumatic Brain Injury and Intracranial Injury Undergoing Repeat Imaging

Gabrielle Johnson 

9:15-9:25 am

Discussion Session - Abstract Group 1

9:26-10:05 am

Raimondi Lecture

Lynn Jorde, PhD

10:06-10:15 am

Question and Answer Session with Raimondi Lecturer

Lynn Jorde, PhD

10:16-10:46 am

Beverage Break in the Exhibit Hall – NeuroZone: Continue the Discussion Inghram Lifetime Achievement Award Marion Walker, MD, FAANS(L) Judy Goodrich

Location: Grand Ballroom BC

10:47-11:46 am

SCIENTIFIC SESSION II: HYDROCEPHALUS

Location: Imperial Ballroom

Moderators

Clarence Greene, MD, MHA, FAANS

Naina Lynn Gross, MD, FAANS

10:47-11:11 am

Point/Counter-Point - Hydrocephalus

Moderator John Kestle, MD, FAANS

10:47-10:53 am

Does Ventricle Size Matter in Treating Hydrocephalus? - No

Jay Riva-Cambrin, MD, MSc, FAANS

10:54-11 am

Does Ventricle Size Matter in Treating Hydrocephalus? - Yes

Jeffrey Blount, MD, FAANS

11:01-11:11 am

Point/Counter-Point Question and Answer Session

11:12-11:18 am

8. Multi-omic analysis elucidates the genetic basis of hydrocephalus

Andrew Hale, MD, PhD 

11:19-11:25 am

9. Preoperative Risk and Postoperative Outcome from Subdural Fluid Collections in African Infants with Postinfectious Hydrocephalus

Jessica Lane, MD 

11:26-11:32 am

10. Time to shunt failure in children with myelomeningocele: An analysis of the National Spina Bifida Patient Registry

Isaac Shamblin, MSBME

 Signifies Award Candidate

WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

11:33-11:39 am

11. Large cohort integrative multiomic analysis reveals epigenetic basis to congenital hydrocephalus pathogenesis

Kedous Mekbib, BS 

11:40-11:46 am

Discussion Session - Abstract Group 2

11:47-12:47 am

Lunch in the Exhibit Hall

Location: Grand Ballroom BC

12:48-2:08 pm

**SCIENTIFIC SESSION III:
FELLOWS/VASCULAR**

Location: Imperial Ballroom

Moderators

Annie Drapeau, MD, FRCSC, FAANS, FAAP
Peter Dirks, MD, PhD, FRCSC

12:48-12:58 pm

Introduction of Fellows

Annie Drapeau, MD, FRCSC, FAANS, FAAP
Peter Dirks, MD, PhD, FRCSC

12:59-1:05 pm

12. Concordance of Functional MRI Memory Task and Resting State Functional MRI Connectivity Used in Surgical Planning for Pediatric Temporal Lobe Epilepsy

Diem Kieu Tran, MD 

1:06-1:12 pm

13. Characterization of pediatric patients requiring revision posterior fossa decompression for Chiari-I malformation and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium

Ryan Jafrani, MD 

1:13-1:19 pm

14. Influence of the COVID-19 pandemic on CSF diversion procedures for hydrocephalus

Ariana Barkley, MD 

1:20-1:26 pm

15. Effect of Prior Embolization on Outcomes after Stereotactic Radiosurgery for Pediatric Brain Arteriovenous Malformations: An International Multicenter Study

Rebecca Burke, MD, PhD 

1:27-1:33 pm

Discussion Session - Abstract Group 3

1:34-1:40 pm

16. A Survey and Analysis of Pediatric Stroke Protocols

Jonathan Scoville, MD 

1:41-1:47 pm

17. Ivy Sign: A Diagnostic and Prognostic Biomarker for Pediatric Moyamoya

Alaa Montaser, MD, PhD 

1:48-1:54 pm

18. MRI/MRA is Non-inferior to Catheter Angiography for Annual Follow-up of Pediatric Moyamoya Patients and is Associated with Cost Reduction: a Cost Outcomes Analysis

Wes Northam, MD 

1:55-2:01 pm

19. Natural History of Fetal Encephaloceles

Nisha Gadgil, MD 

2:02-2:08 pm

Discussion Session - Abstract Group 4

WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

2:09-2:39 pm

Beverage Break in the Exhibit Hall –
NeuroZone: Pediatric Neurosurgery
Fellows Gathering

Location: Grand Ballroom BC

1-4:30 pm

ADVANCED PRACTICE PROVIDER SESSION

APP

Location: Grand Ballroom A

Moderator Sidney Tanner, PNP

1-1:30 pm

Broad Topic Hydrocephalus: Current
Management of IVH in the Premature
Infant Lcdr

Vijay Ravindra, MD

1:31-2:01 pm

Surgical Evaluation of the Pediatric
Epilepsy Patient

Robert Bollo, MD, FAANS

2:02-2:32 pm

Complex Pediatric Spine

Rajiv Iyer, MD

2:44-3:14 pm

Quality Improvement Intro

Rajendu Srivastava, MD, FRCP(C), MPH

3:15-4:30 pm

Roundtable Discussions: Quality
Improvement

2:40-4:30 pm

SCIENTIFIC SESSION IV: TECHNICAL/FUNCTIONAL

Location: Imperial Ballroom

Moderators

Zulma Tovar-Spinoza, MD, IFAANS

Mark Krieger, MD, FAANS

2:40-2:46 pm

20. Synthetic Digital Subtraction
Angiography : Novel Postprocessing to
Reduce DSA Radiation Dosages

Andrew Abumoussa, MD, MSc 

2:47-2:53 pm

21. Evaluating Vagus Nerve Stimulation
Treatment with Heart Rate Monitoring
in Pediatric Patients with Intractable
Epilepsy

Brandon Santhumayar, BA

2:54-3 pm

22. Real-World Application of Novel
Semi-Automated Image Analysis
Software for the Assessment
of Craniofacial Anomalies via
Telemedicine

William Lambert 

3:01-3:07 pm

23. Yield and predictive variables of
positive insular sampling for insular
epilepsy in the pediatric population

Shelly Wang, MD, MPH, FRCSC, FAANS 

3:08-3:14 pm

Discussion Session - Abstract Group 5

 Signifies Award Candidate

WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

3:15-3:21 pm

24. Deferoxamine Prevents Early Hydrocephalus in Neonatal Intraventricular Hemorrhage: Role of Choroid Plexus Clearance

Dakota DeFreitas, MA 

3:22-3:28 pm

25. Treatment of Sleep Disordered Breathing in Children with Myelomeningocele

Addison Stewart, BS 

3:29-3:35 pm

26. Prevalence of ADHD and association with clinical and demographic factors in a Pediatric Hydrocephalus Prospective Cohort

Pedram Malekenia, MBA 

3:36-3:42 pm

27. Preliminary Experience Suggests the Addition of Choroid Plexus Cauterization to Functional Hemispherectomy May Reduce Risk of Post-Hemispherectomy Hydrocephalus

H. Westley Phillips, MD 

3:43-3:49 pm

28. Seizure outcomes following functional hemispherectomy or hemispherotomy for the treatment of hemimegalencephaly in pediatric patients: An individual participant data meta-analysis

Anwasha Dubey 

3:50-3:56 pm

Discussion Session - Abstract Group 6

3:57-4:21 pm

Point/Counter-Point - Biconoral Synostosis: Anterior vs. Posterior Approaches

Moderator Christopher Bonfield, MD

3:57-4:03 pm

Biconoral Synostosis: Anterior Approaches

Mark Proctor, MD, FAANS

4:04-4:10 pm

Biconoral Synostosis: Posterior Approaches

Matthew Smyth, MD, FAANS

4:11-4:21 pm

Point/Counter-Point Question and Answer Session

4:22-4:27 pm

QI Committee Introduction

Annie Drapeau, MD, FRCS, FAANS, FAAP
Carolina Sandoval-Garcia, MD

4:28-4:30 pm

Announcements

Douglas Brockmeyer, MD, FAANS

4:30-5:30 pm

WINE AND CHEESE RECEPTION IN THE EXHIBIT HALL

NeuroZone: Raffle Prize Drawing

Location: Grand Ballroom BC

 Signifies Award Candidate

WEDNESDAY, DEC. 8

ANNUAL MEETING PROGRAM SCHEDULE

5:30-7:30 PM

SATELLITE SYMPOSIUM

Neurosurgical Perspectives on NF1-Associated Tumors: Augmenting Surgical Approaches with Targeted Medical Therapies

Location: Grand Ballroom D

Presented by Creative Educational Concepts, LLC, provided by an independent educational grant from AstraZeneca.

CONTINUING MEDICAL EDUCATION CREDIT

Annual Meeting Learning Objectives

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

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

Accreditation/Designation 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 AANS and the AANS/CNS Section on Pediatric Neurological Surgery. The AANS is accredited by the ACCME to provide continuing medical education for physicians.

This activity has been approved for 15.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Contact Hours for the Advanced Practitioner Seminar

This activity has been submitted to the Ohio Nurses Association (OBN-001-91) for approval to award contact hours. The Ohio Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Disclosures

Prior to the program, anyone in control of the educational content of this activity will disclose the existence of any financial interest and/or the relationship they have with ineligible companies. An ineligible company is any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. Disclosures will be included in the meeting app.

Watch for an email with instructions on self-reporting CME credit from this meeting.

THURSDAY, DEC. 9

ANNUAL MEETING PROGRAM SCHEDULE

THURSDAY, DEC. 9

7-8 am

**Continental Breakfast in the Exhibit Hall
- NeuroZone: APP Mentor Connection**

Location: Grand Ballroom BC

7 am-3:30 pm

Exhibit Hall

Location: Grand Ballroom BC

7 am-4:30 pm

Registration

Location: Grand Foyer

7 am-5 pm

Speaker Ready Room

Location: Venezia

8-10 am

**SCIENTIFIC SESSION V:
SOCIOECONOMIC/SPINE**

Location: Imperial Ballroom

Moderators

Eric Jackson, MD, FAANS

Naina Gross, MD, FAANS

8-8:05 am

2022 Meeting Preview

8:06-8:12 am

29. Racial differences in the care of pediatric sagittal craniosynostosis: a single institution cohort study

Syed Hassan Akbari, MD 🌟

8:13-8:19 am

30. The role of traditional social determinants of health in referral patterns, timing of surgery, and CHIP-determined QOL in children with symptomatic Chiari I Malformation

Katherine Kelly, MD 🌟

8:20-8:26 am

31. Predictors of a Prolonged Pre-Diagnostic Symptomatic Interval in Pediatric Brain Tumor Patients: the Connecticut Experience

William Lambert 🌟

8:27-8:33 am

32. Headache relief for pediatric patients with Chiari I malformation and syringomyelia undergoing decompression: a Park-Reeves Syringomyelia Research Consortium study

Syed Hassan Akbari, MD 🌟

8:34-8:42 am

Discussion Session - Abstract Group 7

8:43-8:49 am

33. Younger Age at Spinal Cord Detethering is Potentially Associated with a Reduced Risk of Curve Progression in Children with Early Onset Scoliosis

Rajiv Iyer, MD 🌟



THURSDAY, DEC. 9

ANNUAL MEETING PROGRAM SCHEDULE

8:50-8:56 am

34. Treatment Outcomes of Pediatric Neuroblastoma with Spinal Involvement

Diana Chang, MA, MS 

8:57-9:03 am

35. Timing of clinical and intraoperative neurophysiological monitoring (IONM) recovery after termination of pediatric spinal deformity surgery due to loss of IONM signals

Travis CreveCoeur, MD

9:04-9:10 am

36. Development of Virtual Pediatric Spinal Biomechanical Models

Than Huynh 

9:11-9:19 am

Discussion Session - Abstract Group 8

9:20-10 am

AAP/SONS Lecture

Michael Agus, MD

10:01-10:31 am

Beverage Break in the Exhibit Hall – NeuroZone: Continue the Conversation with the AAP/SONS Lecturer Michael Agus, MD

Location: Grand Ballroom BC

10:32-12:01 pm

SCIENTIFIC SESSION VI: TRAUMA

Location: Imperial Ballroom

Moderators

Laura Prolo, MD, PhD

Ryan Jafrani, MD

10:32-10:47 am

Precision Medicine

Josh Bonkowsky, MD, PhD

10:48-10:54 am

37. Characterization of Children with Repeat Head Imaging after Mild Traumatic Brain Injury and Intracranial Injury

Gabrielle Johnson

10:55-11:01 am

38. Predicting Early and Late Recovery from Sport-Related Concussion Using Decision Tree Analysis

Jackson Allen, BA 

11:02-11:08 am

39. Can Quantitative Susceptibility Mapping Help Diagnose and Predict Recovery of Concussion in Children?

Nicholas Sader, MD, MSc 

11:09-11:15 am

40. Factors Associated with Repeat Imaging in Pediatric Patients with Mild Traumatic Brain Injury and Intracranial Injury

Gabrielle Johnson 

11:16-11:24 am

Discussion Session - Abstract Group 9

11:25-11:31 am

41. Factors Associated with Unplanned Post-Craniotomy Reintubation in Children: a NSQIP-Pediatric Analysis

Annie Drapeau, MD, FRCSC, FAANS, FAAP 

 Signifies Award Candidate

THURSDAY, DEC. 9

ANNUAL MEETING PROGRAM SCHEDULE

11:32-11:38 am

42. Diffuse Correlation Spectroscopy as an Accurate and Precise Option for Non-Invasive ICP Measurement

Michael McDowell, MD 🌟

11:39-11:45 am

43. The Fate of the Cervical Collar: An Observational Study Investigating Follow Up Care After Emergency Department Discharge in Children with Mild Traumatic Injuries

Douglas Brockmeyer, MD, FAANS

11:46-11:52 am

44. Implementation of a Clinical pathway for the treatment of chronic subdural hematomas of infancy

Ros Whelan, MB BCh BAO 🌟

11:53-12:01 pm

Discussion Session - Abstract Group 10

12:02-1:02 pm

Lunch in the Exhibit Hall

Location: Grand Ballroom BC

12:15-12:45 pm

Top Poster Grading

Location: Imperial Ballroom

1-4:30 pm

ADVANCED PRACTICE PROVIDER SESSION

APP

Location: Grand Ballroom A

Moderator Sidney Tanner, PNP

1-1:29 pm

Speaker

Samuel Cheshier, MD, PhD

1:30-1:59 pm

Craniosynostosis

Christopher Bonfield, MD

2-2:29 pm

Vascular Imaging on CTA and MRA/MRV

Luke Linscott

2:30-2:44 pm

Beverage Break

2:45-4:30 pm

Roundtable Discussions



THURSDAY, DEC. 9

ANNUAL MEETING PROGRAM SCHEDULE

1:03-2:21 pm
SCIENTIFIC SESSION VII:
BASIC SCIENCE

Location: Imperial Ballroom

Moderators

David Daniels, MD, PhD, FAANS

Jeffrey Leonard, MD, FAANS

1:03-1:07 pm

Poster Award Announcement

Douglas Brockmeyer, MD, FAANS

1:08-1:14 pm

45. Mapping the transcriptional core regulatory circuitry governing H3.3 G34R/V high-grade glioma identifies transcription factor genes involved in cortical interneuron progenitor lineage specification

Jordan Roach, MS

1:15-1:21 pm

46. Lineage-specific epigenetic roles of STAT3 in pediatric glioma

Cody Nesvick, MD 

1:22-1:28 pm

47. Treatment of Group 3 Medulloblastoma using Low dose Radiation followed by Gal-3 inhibition.

Aakash Shingala 

1:29-1:35 pm

48. Variants in SWI/SNF Complex Component SMARCC1 Are Associated With Obstructive Hydrocephalus and Cardiac Defects in Humans and Model Organisms

Amrita Singh, BS 

1:36-1:44 pm

Discussion Session - Abstract Group 11

1:45-1:51 pm

49. Immune activation and tight junction disruption in the choroid plexus as a mechanism for development of post-hemorrhagic hydrocephalus from intraventricular hemorrhage in infant ferrets

Ayodamola Otun 

1:52-1:58 pm

50. Mechanisms of aberrant enhancer activation in H3K27M-mutant diffuse midline glioma

Cody Nesvick, MD 

1:59-2:05 pm

51. Neuroinflammation and Progenitor Loss in the Subventricular Zone and Periventricular White Matter in Untreated Experimental Hydrocephalus

Maria Garcia-Bonilla, PhD 

2:06-2:12 pm

52. DNA Methylomic Map of Rodent Retina during Axonal Regeneration

Joyce Koueik, MD, MS 

2:13-2:21 pm

Discussion Session - Abstract Group 12

2:22-2:52 pm

Beverage Break in the Exhibit Hall

Location: Imperial Ballroom

 Signifies Award Candidate

THURSDAY, DEC. 9

ANNUAL MEETING PROGRAM SCHEDULE

2:53-4 pm

SCIENTIFIC SESSION VIII: TUMOR

Location: Imperial Ballroom

Moderators

Eric Thompson, MD, FAANS

Caitlin Hoffman MD, FAANS

2:53-3:23 pm

Point/Counter-Point - Tumor

The Role of Second Look Surgery in Medulloblastoma

Moderator David Daniels, MD, PhD, FAANS

2:53-3:02 pm

The Role of Second Look Surgery in Medulloblastoma: Does the 1 cm² Rule Matter? - No

Paul Klimo, MD, MPH

3:03-3:12 pm

The Role of Second Look Surgery in Medulloblastoma: Does the 1 cm² Rule Matter? - Yes

Samuel Cheshier, MD, PhD

3:13-3:23 pm

Point/Counter-Point Question and Answer Session

3:24-3:30 pm

53. AP-1 controls a lost tumor-suppressive transcriptional regulatory network in atypical teratoid rhabdoid tumor

Cody Nesvick, MD 🌟

3:31-3:37 pm

54. Cavernomas After Cranial Radiation in the Pediatric Population: Interim Report on Incidence, Latency, and Comparison with Spontaneous Cavernomas

Michelle Wedemeyer, MD, PhD 🌟

3:38-3:44 pm

55. Complications following surgical resection of primary and recurrent pediatric posterior fossa ependymoma

Armaan Malhotra, MD 🌟

3:45-3:51 pm

56. Surgical Revascularization of Pediatric Moyamoya: A Large Single Institution Series

Michael Jin, BS 🌟

3:52-4 pm

Discussion Session: Abstract Group 13

4-4:30 pm

PEDIATRIC SECTION ANNUAL BUSINESS MEETING

Location: Imperial Ballroom

4:30-5 pm

AAP SECTION ON NEUROLOGICAL SURGERY (SONS) SCIENTIFIC SESSION

Location: Imperial Ballroom



FRIDAY, DEC. 10

ANNUAL MEETING PROGRAM SCHEDULE

FRIDAY, DEC. 10

7-8 am

Continental Breakfast

Location: Imperial Ballroom Foyer

7-11 am

Registration

Location: Grand Foyer

7-11:30 am

Speaker Ready Room

Location: Venezia

8-9:34 am

**SCIENTIFIC SESSION IX:
CHIARI/DEVELOPMENTAL**

Location: Imperial Ballroom

Moderators

Manish Shah, MD, FAANS

Heather Spader, MD, FAANS

8-8:24 am

Point/Counter-Point - Chiari

Moderator Bermans Iskandar, MD, FAANS

8-8:06 am

Does the Chiari 0.5 exist? - Yes

Jeffrey Greenfield, MD, PhD, FAANS

8:07-8:13 am

Does the Chiari 0.5 exist? - No

David Limbrick, MD, PhD, FAANS

8:14-8:24 am

Point/Counter-Point Question and Answer Session

8:25-8:31 am

57. Clinical, Radiological, and Surgical Factors Associated with Syrxinx Location in Children Treated for Chiari Malformation Type I and Syringomyelia: A Park-Reeves Syringomyelia Research Consortium Study

A. Scott Emmert, BS 

8:32-8:38 am

58. Complications and outcomes of Chiari decompression with versus without duraplasty for pediatric Chiari I malformation with syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium

Syed Hassan Akbari, MD 

8:39-8:45 am

59. The utility of intraoperative neuromonitoring in cases of Chiari decompression

Audrey A. Grossen, BA 

8:46-8:52 am

60. Can CXA and pB-C2 predict the need for occipitocervical fusion in pediatric Chiari patients?

Benjamin Best, MD 

8:53-8:59 am

Discussion Session - Abstract Group 14

FRIDAY, DEC. 10

ANNUAL MEETING PROGRAM SCHEDULE

9-9:06 am

61. Intraoperative neurophysiological monitoring in tethered cord release of fetal myelomeningocele closure patients

Tracy Flanders, MD, MSCE 

9:07-9:13 am

62. Prognostic Significance of Congenital Cardiac Abnormalities for Endoscopic Third Ventriculostomy and Shunt Failure in Premature Infants

Jamie Clarke, M.S. 

9:14-9:20 am

63. Prevalence of Subdural Spaces in Infants with Benign Enlargement of Subarachnoid Space Using a Fast Brain Magnetic Resonance Imaging Protocol

Christopher Litts 

9:21-9:27 am

64. Machine Learning-Driven Clinical Image Analysis to Identify Craniosynostosis: A Pilot Study of Telemedicine and Clinic Patients

Mitch Paro

9:28-9:34 am

Discussion Session - Abstract Group 15

9:35-10:05 am

Beverage Break

Location: Imperial Ballroom Foyer

10:06-11:25 am

SCIENTIFIC SESSION X: MISC.

Location: Imperial Ballroom

Moderators

Ashley Tian, MD, FAANS

Brian Dlouhy, MD, FAANS

10:06-10:12 am

65. Predicting Long-term Outcomes in Moderate and Severe Pediatric Traumatic Brain Injury

Kristin Nosova, MD 

10:13-10:19 am

66. Local Conceptions of the Role of Folate in Neural Tube Defects in Zambia

Jeffrey Chen, BA 

10:20-10:26 am

67. Endovascular Thrombectomy for Treatment of Pediatric Ischemic Stroke: Cross-Sectional Analysis of the National Inpatient Sample, 2010-2018

Alis Dicipinigitis 

10:27-10:33 am

68. Use of an Epilepsy Variant Prediction Platform to Define and Treat STXBP1 Encephalopathy

Whitney Parker, MD, PhD 

10:34-10:40 am

Discussion Session - Abstract Group 16

FRIDAY, DEC. 10

ANNUAL MEETING PROGRAM SCHEDULE

10:41-10:47 am

69. The Role of Cervical Spine Immobilization and Stabilization in Pediatric Non-Accidental Trauma

Derek Samples, MD 

10:48-10:54 am

70. A comparison of MRI appearance and surgical detethering rates between postnatal and intrauterine myelomeningocele closures; a single center matched cohort study

Michael Cools, MD 

10:55-11:01 am

71. Cerebrospinal Fluid Exosome Profiling: A New Research Direction into the Pathophysiology of Pediatric Hydrocephalus

Maria Garcia-Bonilla, PhD 

11:02-11:08 am

72. Integrative Multi-omic Analysis Identifies Developmental Pathways and Convergent Cell Subtypes in Craniosynostosis

Emre Kiziltug 

11:09-11:15 am

Discussion Session - Abstract Group 17

 Signifies Award Candidate



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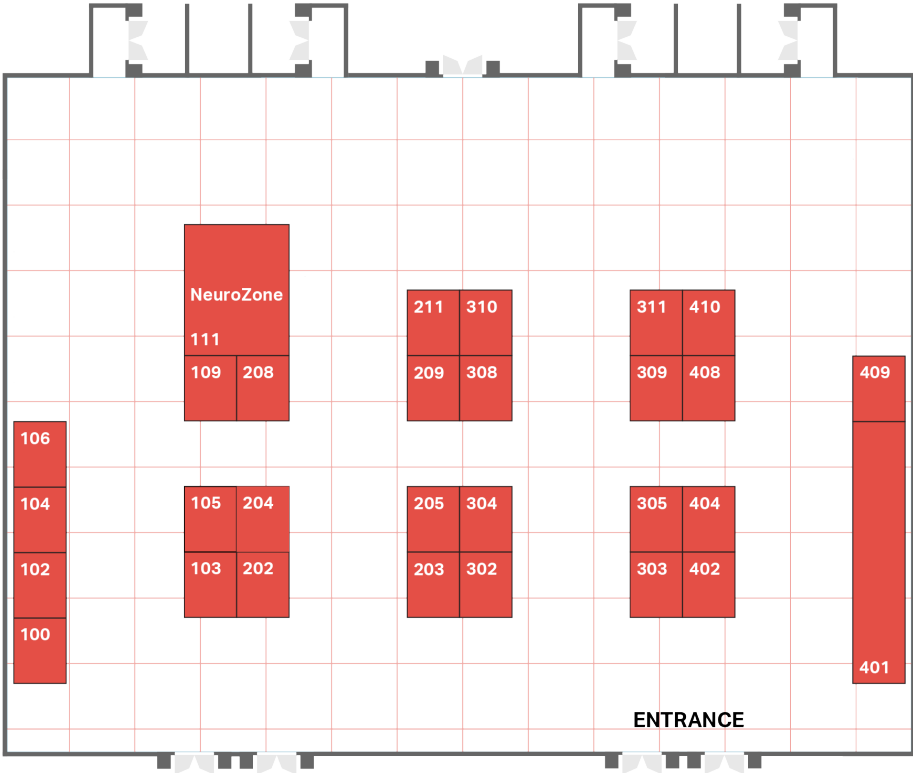
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