

Meeting Agenda

Friday, April 12, 2024

Location: Marlo Thomas Center Auditorium

	PRESENTATION TITLE	SPEAKER or LOCATION
8:15 am – 9:00 am	Registration & Breakfast	
9:00 am – 9:15 am	PBII Posterior Fossa Society – Second Global Meeting <i>Welcome Messages</i>	Asim Bag and Shivaram Avula
9:15 am – 10:45 am	Patient Impact Panel: <i>Altered Lives: Coping with the Lifelong Impact of Posterior Fossa Syndrome</i>	Moderators: Elizabeth Hull & Darcy Raches
10:45 am – 11:30 am	Keynote Lecture: <i>Coordination of Rhythms as a Fundamental Principle of Cerebellar Motor and Non-motor Functions</i>	Detlef Heck
11:30 am – 11:45 pm	Meeting Group Photo	Marlo Thomas Center Steps
12:00 pm – 1:00 pm	Danny Thomas Lecture Series: Cancer Center Director's Round (optional)	Charalampos Kalodimos, PhD
	Radiology Session	Chairs: Shivaram Avula & Robert Dineen
1:00 pm – 1:05 pm	<i>Introduction</i>	Shivaram Avula
1:05 pm – 1:35 pm	<i>Neuroimaging Insights Into Cerebellar Mutism Syndrome</i>	Stu McAfee
1:35 pm – 2:05 pm	<i>Multicenter Validation Of Pre-operative CMS Risk Prediction Based On Radiology</i>	Shivaram Avula
	Presentation of Scientific Abstracts	
2:05 pm – 2:15 pm	<i>Neuroimaging Of Post-operative Pediatric Cerebellar Mutism Syndrome - A Systematic Review</i>	Presenting Author: Iris Obdejin
2:15 pm – 2:25 pm	<i>The Neural Architecture Of Word Learning: A Study In Developmental Language Disorder</i>	Presenting Author: Cheyenne Svaldi
2:25 pm – 2:35 pm	<i>Longitudinal Signal Changes In The Dentate And Inferior Olivary Nuclei In Patients With Cerebellar Mutism Syndrome</i>	Presenting Author: Soniya Pinto
2:35 pm – 2:45 pm	<i>Dentato-thalamo-cortical Tractography And Ambulatory Status In The First Year Of Treatment In Medulloblastoma Patients With And Without CMS</i>	Presenting Author: Qing Ji
2:45 pm – 2:55 pm	<i>Development And Characterization Of A Pre-clinical Model Of Cerebellar Mutism Syndrome: In Search Of Mechanistic And Therapeutic Insight</i>	Presenting Author: Jason Gill
2:55 pm – 3:10 pm	Break	
	Scoring Session Scoring Group Evidence	Chairs: Andrew Lux & Jason Gill
3:10 pm – 3:40 pm	<i>Scoring CMS: The Journey So Far</i>	Andrew Lux
3:40 pm – 4:40 pm	Discussion: Key Questions in Scoring and Nosology	
4:40 pm – 5:10 pm	Discussion: Scoring Group	
5:10 pm – 6:45 pm	Abstract Poster Submission Viewing and Welcome Reception	Marlo Thomas Atrium and Lobby

Meeting Agenda

Saturday, April 13, 2024

Location: Marlo Thomas Center Auditorium

PRESENTATION TITLE		SPEAKER or LOCATION
7:30 am – 8:30 am	Welcome Breakfast & Registration	
Large Scale Studies		Chairs: Giles Robinson & Barry Pizer
8:30 am – 9:00 am	<i>An Overview of the St Jude Experience with Posterior Fossa Syndrome and the Value of a Clinical Trial</i>	Giles Robinson
9:00 am – 9:30 am	<i>Updates on The Nordic European Study of Cerebellar Mutism Syndrome</i>	René Mathiasen & Jonathan Kjær Grønbæk
9:30 am – 10:00 am	<i>SIOP-MB6 Study Update</i>	Kristian Aquilina
10:00 am – 10:30 am	Discussion: <i>Future Studies</i>	
10:30 am – 10:45 am	Break	
Surgery Section		Chairs: William Gump & Sebastian Toescu
10:45 am – 10:50 am	<i>Introduction</i>	William Gump
10:50 am – 11:20 am	<i>St. Jude Lecture</i>	Paul Klimo Jr.
11:20 am – 11:50 am	<i>Towards a PFS Surgical Consensus Statement</i>	William Gump & Sebastian Toescu
11:50 am – 12:20 pm	<i>CMS: Where Do We Go From Here? Using AI to Open the Black Box, Quantitative Analysis of Surgical Video in Clinical Trials</i>	Robert Keating & Daniel Donaho
Presentation of Scientific Abstracts		
12:20 pm – 12:30 pm	<i>Post-operative Posterior Fossa Syndrome: A Retrospective Study From A Singapore Children's Hospital</i>	Presenting Author: Sharon Low
12:30 pm – 12:40 pm	<i>Incidence Of Postoperative Paediatric Cerebellar Mutism Syndrome Over A 17-year Period With An Emphasis On The Surgical Technique – The Alder Hey Experience.</i>	Presenting Author: Shivaram Avula
12:40 pm – 1:25 pm	Lunch	Marlo Thomas Board Room
CCAS Session		Chairs: Barry Pizer & Alvaro Lassaletta
1:25 pm – 1:55 pm	<i>CCAS Concepts and Recent Developments</i>	Jeremy Schmahmann
1:55 pm – 2:55 pm	Discussion: <i>How to Incorporate CCAS Into Clinical Practice and PFS Scoring</i>	
2:55 pm – 3:10 pm	Break	

Meeting Agenda

Saturday, April 13, 2024 (continued)

Location: Marlo Thomas Center Auditorium

PRESENTATION TITLE		SPEAKER or LOCATION
Neuropsychology Session		Chairs: Darcy Raches & Karin Walsh
3:10 pm – 3:15 pm	<i>Introduction</i>	Darcy Raches
3:15 pm – 3:45 pm	<i>Impact of Lesion Location on Motor and Cognitive Outcomes in Pediatric Cerebellar Tumor</i>	Karin Walsh
3:45 pm – 4:15 pm	<i>Implementing an Interdisciplinary Approach to Coordinated Rehabilitation Care for Patients with Posterior Fossa Syndrome; The Role of Neuropsychology</i>	Darcy Raches
Presentation of Scientific Abstracts		
4:15 pm – 4:25 pm	<i>Psycholinguistic Evaluation of Narrative Language in Children with Pediatric Posterior Fossa Tumors: An Analysis of Data of The European Study of CMS</i>	Presenting Author: Ailene Reinders
4:25 pm – 4:35 pm	<i>Predicting Neurocognitive Outcomes Among Children Experiencing Varying Degrees of Postoperative Posterior Fossa Syndrome</i>	Presenting Author: Heather Conklin
4:35 pm – 5:05 pm	Discussion	
5:05 pm	Meeting adjourn	
5:05 pm – 6:15 pm	Break Before Dinner	
6:15 pm	Shuttles from Hotel to Dinner	
6:15 pm – 9:00 pm	Sunset Dinner at Beale Street Landing	

Meeting Agenda

Sunday, April 14, 2024

Location: Marlo Thomas Center Auditorium

	PRESENTATION TITLE	SPEAKER or LOCATION
7:30 am – 8:30 am	Registration and Breakfast	Marlo Thomas Board Room
	Speech Therapy and Rehabilitation <i>Work Group Updates</i>	Chairs: Sharyl Samargia-Grivette & Kristin Szymanek
8:30 am – 8:40 am	<i>Work Group Updates</i>	Sharyl Samargia-Grivette
8:40 am – 9:10 am	<i>Challenges and Opportunities in Pediatric Acquired Motor Speech Assessment</i>	Kristin Szymanek & Sharyl Samargia-Grivette
9:10 am – 9:40 am	<i>Randomized Controlled Trial of Aerobic Exercise in Children with Medulloblastoma During Radiation Therapy</i>	Robyn Partin
	Presentation of Scientific Abstracts	
9:40 am – 9:50 am	<i>An Enriched Environment as a Key Ingredient to Active Rehabilitation: Should Rehabilitation Focus on the Environment During Early Phases of Posterior Fossa Syndrome? An Exploration of Current Barriers to Activity on Acute Paediatric Neurology and Oncology Wards</i>	Presenting Author: Vicky King
9:50 am – 10:00 am	<i>Parental Role Modelling as a Key Ingredient to Active Rehabilitation: Should Rehabilitation Focus on Parents/Carers During Early Phases of Posterior Fossa Syndrome? An Exploration of Parent and Child Physical Activity Levels on an Acute Paediatric Oncology Ward</i>	Presenting Author: Rebecca Knowles
10:00 am – 10:10 am	<i>Cognitive Orientation to Occupational Performance (Co-op) as a Potential Intervention for Children with PFS/CMS</i>	Presenting Author: Vicky King
10:10 am – 10:25 am	Break	
10:25 am – 10:35 am	<i>Intensive Physiotherapy Intervention in Children Affected by Tumors Located in Posterior Cranial Fossa</i>	Presenting Author: Daniele Panzeri
10:35 am – 10:45 am	<i>Pediatric Posterior Cranial Fossa Tumors: Neuro-functional Evolution and Integrated Rehabilitation Pathway with Development of a Specific Treatment Protocol</i>	Presenting Author: Andrea Carai
10:45 am – 10:55 am	<i>Zolpidem as a Treatment for Postoperative Cerebellar Mutism Syndrome (CMS): Retrospective Study of 16 Pediatric Patients with Posterior Fossa Tumors</i>	Presenting Author: Alvaro Lassaletta
10:55 am - 11:05 am	<i>Association Between Dysphagia and Common Clinical Symptoms of Posterior Fossa Syndrome in Childhood Medulloblastoma</i>	Presenting Author: Kristin Szymanek
11:05 am – 12:05 pm	Final Discussion and Next Steps	Barry Pizer & Shivaram Avula
12:05 pm	Meeting Close	

Abstract Oral Presentations

PRESENTATION TITLE

ABSTRACT AUTHORS

An Enriched Environment as a Key Ingredient to Active Rehabilitation: Should Rehabilitation Focus on the Environment During Early Phases of Posterior Fossa Syndrome? An Exploration of Current Barriers to Activity on Acute Paediatric Neurology and Oncology Wards

Presenter: Vicky King
Authors: *Vicky King, Rebecca Knowles*

Association Between Dysphagia and Common Clinical Symptoms of Posterior Fossa Syndrome in Childhood Medulloblastoma

Presenter: Kristin Szymanek
Authors: *Kristin Szymanek, Tong Lin, Ellen Bursi, Leah Conrad, Erin Howe, Abigail Moore, Giles Robinson, Heather Conklin, Darcy Raches, Arzu Onar-Thomas, Raja Khan*

Cognitive Orientation to Occupational Performance (Co-op) as a Potential Intervention for Children with PFS/CMS

Presenter: Vicky King
Author: *Vicky King*

Dentato-thalamo-cortical Tractography and Ambulatory Status in the First Year of Treatment in Medulloblastoma Patients with and Without CMS

Presenter: Qing Ji
Authors: *Qing Ji, Raja Khan, Jia Liang, Giles Robinson, Amar Gajjar, Paul Klimo, Jr., Heather Conklin, Darcy Raches, Yimei Li, Samuel S. McAfee, Wilburn E. Reddick, Matthew Scoggins*

Development and Characterization of a Pre-Clinical Model of Cerebellar Mutism Syndrome: In Search of Mechanistic and Therapeutic Insight

Presenter: Jason Gill
Authors: *Jason Gill, Megan Nguyen, Amanda Brown, Roy V. Sillitoe*

Incidence of Postoperative Paediatric Cerebellar Mutism Syndrome Over a 17-year Period with an Emphasis on the Surgical Technique – The Alder Hey Experience.

Presenter: Shivaram Avula
Authors: *Natasha Aziz, Mallucci Conor, Barry Pizer, James Hayden, Dawn Hennigan, Chelsea Harvell, Shivram Avula*

Intensive Physiotherapy Intervention in Children Affected by Tumors Located in Posterior Cranial Fossa

Presenter: Daniele Panzeri
Author: *Daniele Panzeri*

Longitudinal Signal Changes in the Dentate and Inferior Olivary Nuclei in Patients with Cerebellar Mutism Syndrome

Presenter: Soniya Pinto
Authors: *Soniya Pinto, Matthew Scoggins, Jia Liang, Yimei Li, Raja Khan, Giles Robinson, Paul Klimo, Jr., Samuel McAfee*

The Neural Architecture of Word Learning: A Study in Developmental Language Disorder

Presenter: Cheyenne Svaldi
Authors: *Cheyenne Svaldi, Branislava Ćurčić-Blake, Julie Tseng, Kim Vos, Ailene Reinders, Roel Jonkers, Vânia de Aguiar*

Abstract Oral Presentations

PRESENTATION TITLE

ABSTRACT AUTHORS

Neuroimaging of Post-operative Pediatric Cerebellar Mutism Syndrome - A Systematic Review

Presenter: Iris Obdeijn

Authors: *Iris Obdeijn, Kirsten van Baarsen, Shivaram Avula, Sebastian Toescu, Maarten Lequin, Eelco Hoving, Marita Partanen*

Parental Role Modelling as a Key Ingredient to Active Rehabilitation: Should Rehabilitation Focus on Parents/Carers During Early Phases of Posterior Fossa Syndrome? An Exploration of Parent and Child Physical Activity Levels on an Acute Paediatric Oncology Ward

Presenter: Rebecca Knowles

Authors: *Rebecca Knowles, Vicky King*

Pediatric Posterior Cranial Fossa Tumors: Neuro-functional Evolution and Integrated Rehabilitation Pathway with Development of a Specific Treatment Protocol

Presenter: Andrea Carai

Authors: *Riccardo Carbonetti, Francesca Fassari, Maria Simona Musci, Chiara Meliffi, Paolo Dell'ava, Giulia Albino, Andrea DeSalvo, Bianca Andreozzi, Flamina Frascarelli, Antoinella Cacchione, Giada Del Baldo, Angela Mastronuzzi, Andrea Carai*

Post-operative Posterior Fossa Syndrome: A Retrospective Study from a Singapore Children's Hospital

Presenter: Sharon Low

Authors: *Sharon Low, Pui San Koh, Jia Hui Teo, Lee Ping Ng, David Low, Wan Tew Seow, Zhi Min Ng*

Predicting Neurocognitive Outcomes Among Children Experiencing Varying Degrees of Postoperative Posterior Fossa Syndrome

Presenter: Heather Conklin

Authors: *Heather Conklin, Darcy Raches, Raja Khan, Jason Ashford, Tong Lin, Arzu Onar-Thomas, Brian Potter, Paul Klimo, Jr., Amar Gajjar, Giles Robinson*

Psycholinguistic Evaluation of Narrative Language in Children with Pediatric Posterior Fossa Tumors: An Analysis of Data of the European Study of CMS

Presenter: Ailene Reinders

Authors: *Ailene Reinders, Jonathan Kjær Grønbaek, Ditte Boeg Thomsen, Karen Persson, René Mathiasen, Morten Arnberg Wibroe, Andrea Carai, Bianca Andreozzi, Angela Mastronuzzi, Roel Jonkers, Vânia de Aguiar*

Zolpidem as a Treatment for Postoperative Cerebellar Mutism Syndrome (CMS): Retrospective Study of 16 Pediatric Patients with Posterior Fossa Tumors

Presenter: Alvaro Lassaletta

Authors: *Diannet Quintero, Alvaro Lassaletta, Juan Añón, Felisa Vazquez-Gómez, Jose Luis Moreno-Carrasco, Marta Perez-Somarriba, Serafin Castellano, Zuheya Ippolito-Bastidas, Belen Rivero, Begoña Arce, Carmen De Caceres-Velasco, Susana Cartas*

Abstract Poster Presentations

PRESENTATION TITLE	ABSTRACT AUTHORS
<p>Analysis of Gamma Spectral Power Differences in CMS</p>	<p>Authors: <i>Samantha Ertz, Sharyl Samargia-Grivette</i></p>
<p>Analysis of Spectral Power Differences in Children with Cerebellar Mutism Syndrome; A Controlled EEG Study</p>	<p>Authors: <i>Anna Schmidt, Sharyl Samargia-Grivette</i></p>
<p>Analysis of Spectral Power Differences in Children with Cerebellar Mutism Syndrome; A Controlled EEG Study</p>	<p>Authors: <i>Amanda Jackson, Sharyl Samargia-Grivette</i></p>
<p>Changes in Structural Connectivity of Thalamocortical Networks Associated with Language, Motor Control, and Somatosensory Perception in Children with Cerebellar Mutism Syndrome</p>	<p>Authors: <i>Wilburn E. Reddick, Stu McAfee, Rajikha Raja, John Glass, Asim Bag, Heather Conklin, Amar Gajjar, Giles Robinson, Raja Khan</i></p>
<p>Grey Matter Correlates of Verbal Learning in Children with Developmental Language Disorder and Typically Developing Children</p>	<p>Authors: <i>Vânia de Aguiar, Juan-Ignacio Galli, Cheyenne Svaldi, Kim Vos, Aliene Reinders, Annet Kingma, Branislava Ćurčić-Blake, Roel Jonkers</i></p>
<p>Neurologic, Neuropsychological, and Social Outcomes in Pediatric Patients Diagnosed with Cerebellar Mutism Syndrome Following Posterior Fossa Tumor Resection: A Systematic Review</p>	<p>Authors: <i>Margaret Hughes, John Dibello, Callie Fernandez, Kareena Garg, Joseph Paturzo, Jincy Rajan, Suditi Rahematpura, Umayr Shaikh, Supriya Sarvode, Melissa Hudson</i></p>
<p>The Psycholinguistic Nature of Impairments in Verb and Sentence Processing in Children Treated for Posterior Fossa Tumors and Children with Developmental Language Disorders</p>	<p>Authors: <i>Kim Vos, Aliene Reinders, Cheyenne Svaldi, Branislava Ćurčić-Blake, Annet Kingma, John Maduro, Marita Partanen, Maarten Lequin, Eelco Hoving, Femke Aarsen, Roel Jonkers, Vânia de Aguiar</i></p>
<p>Utilizing CALS Serial Assessments to Inform Neurocognitive and Interdisciplinary Intervention in a Patient with Posterior Fossa Syndrome/Cerebellar Mutism Syndrome</p>	<p>Authors: <i>Bethany Schwandt, Darcy Raches</i></p>