

Date	Time	Title	Topics	Speaker	Time
Sunday, August 27, 2023					
8:00 am - 4:00 pm					
CNOC Pre-Conference					
Sunday, August 27, 2023 Moderator: Kelly Wolfe Moderator: Renee Sananes	8:00 – 10:30 am	Neurodevelopment At Key Transition Points - Risks And Opportunities	<ul style="list-style-type: none"> Risks And Opportunities: Neurodevelopment At Key Transition Points Parent Perspective On Perioperative Transitions Key Transitions In The Perioperative Period, Birth To Discharge Benefits And Bias In Neurodevelopmental Evaluation For Children With CHD Parent Perspective On The Preschool Years Key Transitions In The Preschool Age Child - Explosive Growth And Shifting Expectations Patient/Parent Perspective On The Teenage/Transition Years Key Transitions In Adolescence - Shifting Towards Independence Patient Perspective On Adulthood Key Transitions And Challenges In Adulthood 	Renee Sananes TBD Jennifer Butcher Michael Puchalski Ashleigh Schambach Jacqueline Sanz TBD Dawn Ilardi TBD Ariane Marelli	
Sunday, August 27, 2023 Moderator: Adam Cassidy Moderator: J. William Gaynor	10:30 am – 12:30 pm	Redefining Neuroprotection And Intervention Across The Lifespan In CHD	<ul style="list-style-type: none"> Introduction: Thinking Beyond Operative Factors For Neuroprotection Neuroprotection In The Presurgical Period In Children With CHD Neuroprotection In The Post-Operative Period In Children With CHD Neurodevelopmental And Family Intervention In Infancy And Early Childhood In Children With CHD Neuropsychological And Psychological Interventions In School Age Children With CHD Interventions For Adolescents And Adults With CHD Interventions To Reduce The Impacts Of Health Disparities In Neurodevelopmental Care In CHD 	Adam Cassidy Daniel Licht Lara Shekerdeman Frank Casey Jacqueline Sanz Adrienne Kovacs Keila Lopez	
Sunday, August 27, 2023 Moderator: Caren Goldberg Moderator: Justin Elhoff	1:30 – 3:30 pm	Debates In Cardiac Neurodevelopment	<ul style="list-style-type: none"> Debate 1: Neurodevelopmental Disorders In CHD Cannot Be Modified By Interventions Debate 1: Neurodevelopmental Disorders In CHD Can Be Modified By Interventions Debate 2: All Children And Families With CHD Should See The ND Team Debate 2: Children And Families With CHD Should Be Triageed Before Visiting The ND Team Debate 3: Neuroimaging Should Be A Standard Part Of Clinical Care In CHD Debate 3: Neuroimaging Is Most Informative To Research Questions Debate 4: The ICU Should Be Structured With All Cardiac Patients On One Team To Maximize ND Outcomes In Individuals With CHD Debate 4: The ICU Should Be Structured With Segmented ICU Model Based On Age To Maximize ND Outcomes In Individuals With CHD 	J. William Gaynor Thomas Miller Nicola Doherty Stephanie Cox Steven Miller Ashok Panigraphy Bradley Marino Sherrill Caparola	
Main Conference					
Monday, August 28, 2023 Moderator: Sahbnam Peyvandi Moderator: Frank Casey	Block 2: 10:15 am – 12:30 pm	The State Of The Art In Cardiac Neurodevelopment Part 1: Where Have We Been?	<ul style="list-style-type: none"> History Of Neuroprotection And Neurodevelopment In CHD Brain Development In Children With CHD Neuropsychological Outcomes In Children With Cardiac Disease Psychosocial Outcomes In Children With Cardiac Disease 	Jane Newburger Serena Counsell Adam Cassidy Nadine Kasparian	
Monday, August 28, 2023 Moderator: Mary Donofrio Moderator: Victor Levy Moderator: Kari Plant	Block 4: 2:00 pm – 4:15pm	The Fetal And Neonatal Brain In CHD	<ul style="list-style-type: none"> Case Presentation By Junior Faculty Genetic Determinants Of Brain Development In CHD Fetal Circulatory Physiology And Brain Health In CHD: The Cardiologist's Perspective The Developing Neonatal Brain And Neurodevelopmental Outcome: The Neurologist's Perspective Maternal Stress And Brain Development In CHD Perinatal Cerebrovascular Hemodynamics And Outcome Patterns Of Perioperative Brain Injury In CHD Evaluation Of The Neonatal Brain: Before & After Surgery 	Aneela Reddy Cecelia Lo Shabnam Peyvandi Robert Clancy Catherine Limperopoulos Mike Seed Daniel Licht Caitlin Rollins (?)	
Monday, August 28, 2023	Block 4: 2:00 pm – 4:15 pm	The Pediatric Heart Network (PHN) And Pediatric Cardiac Genetics Consortium (PCGC): Past Successes And Future Directions	<ul style="list-style-type: none"> PHN Resources For The Community Landmark PHN Trials Current PHN Priorities The Future Of The PHN And Pediatric Cardiovascular Research De-Novo Variants And Neurologic Outcomes In Congenital Heart Disease Opportunities For Collaborative Investigation Of The Impact Of Genetics On Clinical Outcomes In CHD: A Large-Scale Database Integrating Electronic Health Records With Genomic Data Genomic Analysis Of 11,000 CHD Patients Identifies A Core Set Of CHD Genes Future International Collaborations To Understand The Heterogeneity Of CHD 	Sarah Morton	3:00-3:15
Monday, August 28, 2023	Block 5: 4:45 pm – 6:15 pm	Rethinking Hypoplastic Left Heart Syndrome: An interactive panel of experts, where each speaker presents one slide with their perspective: what should we keep doing, what should we start doing, and what should we stop doing? The discussion to follow is likely to raise more questions than it answers!	<ul style="list-style-type: none"> The Early Days of the Norwood Operation Fetal Considerations Preoperative Care Surgical Management Anesthetic Management Postoperative Care HLHS and the Brain Follow-Up Strategies Evolving Role of Cath Adults with HLHS Patient and Family Perspectives 	M. Florencia Ricci Bartol	5:20-5:25

Monday, August 28, 2023	Block 5: 4:45 pm – 6:15 pm		<ul style="list-style-type: none"> Given Current Outcomes, Is Comfort Care Still an Ethical Option? 		
		Around The World In 90 Minutes: Using Registries, Surveys, Big Data To Track CHD Outcomes	<ul style="list-style-type: none"> Intro To Using Registries, Surveys, And Big Data To Track Long-Term Outcomes In CHD Clinical #1: Pediatric Cardiac Care Consortium Clinical #2: Australian And New Zealand Fontan Registry – Long-Term Clinical Outcomes Of Fontan Patients >16 Years Old And In Care Clinical #3: Cardiac Networks United Clinical #4: PROTEA CHD Registry Survey #1: CH STRONG – The Multi-Center Survey Re: Long-Term ACHD Outcomes In United States Coordinated By CDC Survey #2: APPROACH IS – International Multicenter Project On Patient- Reported Outcomes From 16 Countries Population #1: Quebec Registry Of CHD Population #2: Using The Danish Health Register For CHD Research 	Sara Pasquali	5:10-5:20
Tuesday, August 29, 2023	Block 6: 7:30 am – 9:15 am	Landmark Lectures	<ul style="list-style-type: none"> Lessons Learned from Multicenter Collaborative Studies 	Jane Newburger MD, MPH (USA)	7:40-8:00
Tuesday, August 29, 2023	Block 6: 7:30 am – 9:15 am	The Effects of Pain, Analgesia and Sedation on the Neonatal Brain	<ul style="list-style-type: none"> The Toxic Effects Of Sedation And Analgesia In The Developing Brain: What's The Current Evidence? Anesthesia Toxicity And Neurodevelopmental Outcomes In Neonates With CHD Medication And Hypotension: Which Is To Blame For Adverse Outcomes? Long Term Effects Of Neonatal Pain Building A Toolbox For Pain Management In The ICU 	Sherrill Caprara Andreas Loepeke Jennifer Lee-Summers Uri Pollak Tondi Harrison	
Tuesday, August 29, 2023	Block 7: 10:15 am – 12:30 pm	The State Of The Art In Cardiac Neurodevelopment Part 2: New Frontiers	<ul style="list-style-type: none"> Cardiovascular Genetics And Neurodevelopmental Outcomes Health Disparities In Neurodevelopmental Outcomes In CHD Development Trajectories In Children With Heart Disease Supporting Neurodevelopment In Children With CHD: A Nursing Perspective Navigating Neurodevelopmental Needs In Children With Heart Disease: Patient And Parent Perspectives Quality Of Life In Congenital Heart Disease Survivors 	Gillian Blue Kiona Allen Beatrice Latal Amy Jo Lisanti TBD Bradley Marino	
Tuesday, August 29, 2023	Block 7: 10:15 am – 12:30 pm	The Power Of Patient/Provider Partnerships	<ul style="list-style-type: none"> Patient And Family Engagement: Beyond Checking The Boxes The Basics Of Patient-Centered Research: How To Do It Right CHD, Transparency, And Public Reporting Access To Care: The Congenital Heart Public Health Consortium The Remedy Study: From Subjects To Participants Promoting Quality: ACHD Program Accreditation Round Table Discussion: How Do We Go Beyond "Checking The Boxes?" 		
Tuesday, August 29, 2023	12:30 - 2:00pm	CNOC Steering Committee Meeting	for steering committee members ; lunch provided		
Tuesday, August 29, 2023	Block 9: 2:00 pm – 4:15 pm	Global Perspectives On Cardiac Neurodevelopment	<ul style="list-style-type: none"> Strategies For Abbreviated Neurodevelopmental Screening In CHD Strategies To Support Development When Multidisciplinary Neurodevelopmental Evaluation Is Not Available Health Related Quality Of Life And Family-Centered Care: Perspectives For Low-Middle Income Countries USA Perspective Canadian Perspective Indian Perspective European Perspective Australia/New Zealand Parent Perspective 	Jo Wray M. Florencia Ricci Bartol Laila Ladak Kelly Wolfe Anne Gallagher Sreehari Madhavankutty Katya De Groote Karen Eagleson TBD	
Tuesday, August 29, 2023	Block 10: 4:45 pm – 6:30 pm	Featured Plenary Session On Neurodevelopment In Children And Adults With CHD	<ul style="list-style-type: none"> Cardiac Neurodevelopmental Outcomes Collaborative: Leadership Update #1 Cardiac Neurodevelopmental Outcomes Collaborative: Leadership Update #2 Present Research Aims From The Registry Or RFA Looking Ahead: Where Should We Be In 10 Years? (R13) ** The Annual Newburger-Bellinger Lecture ** Cheryl Brosig Soto 	Kelly Wolfe Shabnam Pevvandi Cynthia Ortinau Erica Sood Intro: Nadine Kasparian	
Wednesday, August 30, 2023	Block 12: 10:15 am – 12:30 pm	Developmental Care For Inpatients With CHD	<ul style="list-style-type: none"> A Parent's Perspective: What I Wish I Knew Earlier Why Care About Developmental Care? Back To Basics: Human Touch, Holding, And Skin-To-Skin Care Infants Talk To Us: Behavioral Assessment And Cue-Based Care Developmentally Supportive Feeding And Nutrition Supporting The Older Child In The ICU: Sleep, Mobility, Exercise, Academics, And Emotional Support Family-Centered Care: Have We Arrived? 	Annamarie Saarinen Melissa Jones Amy Lisanti Samantha Butler Karli Negrin Sandra Staveski Erica Sood	
Wednesday, August 30, 2023	Block 12: 10:15 am – 12:30 pm	Improving Transplant Longevity And Health Related Quality Of Life	<ul style="list-style-type: none"> Contraindications To Transplant Not A Transplant Candidate At Our Center, What's Next? Race, Ethnicity & Transplant Outcomes Around The World Social Support Is The Most Important Factor In Transplant Success Re-transplantation Is Not Common: Why Is That? Best Practices In Teen Care And Transition Montage Of Transplant Experience 	Michael Khoury	11:00-11:15

Wednesday, August 30, 2023	Small Group Lunch Sessions: 12:40 pm – 1:40 pm	How To Best Optimize Neurodevelopmental Care? A Round Table Lunch For Occupational And Physical Therapists, Speech And Language Pathologists, Child Life Specialists And Others Therapists	Moderators: Sherrill Caprarola and Samantha Butler; SLP: Jennifer Fogel; OT: Bridy Hamilton; PT: Casey Vogel	
Wednesday, August 30, 2023	Block 14: 2:00 pm – 4:15 pm	Neurodevelopment: Oral Abstracts	<ul style="list-style-type: none"> Impaired Maternal Fetal Environment And Risk For Preoperative Focal White Matter Injury In Neonates With Complex Congenital Heart Disease Social Determinants Of Health As Predictors Of Early Neurodevelopmental Outcome From The Cardiac Neurodevelopmental Outcome Collaborative (CNOOC) Registry Structural And Functional Network Topology Indices Of Executive Function Deficits In Preadolescent Hypoplastic Left Heart Syndrome: A Report From The Pediatric Heart Network SVRIII Brain Connectome Study Group Medical & Socioeconomic Risk Factors Associated With Lack Of Neurodevelopmental Evaluation Following Neonatal Cardiac Surgery Medical Predictors Of Early Neurodevelopmental Outcomes From The Cardiac Neurodevelopmental Outcome Collaborative Registry The Novel Associations Between Frailty And Neurodevelopmental Outcomes Neurodevelopmental And Mental Health Conditions Among Children And Adolescents With Congenital Heart Disease: A Danish Population-based Cohort Study Fetal Brain Oxygenation And Neonatal Brain Structural Changes In Congenital Heart Disease Language Brain Responses And Neurodevelopmental Outcome In Preschoolers With Congenital Heart Disease: An Fnrirs Study 	Daniel Licht Dawn Ilardi Ashok Panigrahy Luma Essaid Mike Seed Casey Vogel Kimberley Miles Elizabeth George Anne Gallagher
Wednesday, August 30, 2023	Block 14: 1:45 pm – 4:00 pm	Hot Topics In Fetal Cardiology	<ul style="list-style-type: none"> Late-Breaking Updates In Fetal Cardiology: Most Important Discoveries And Innovations In The Past 5 Years Fetal MRI: Value In Assessing Structure And Blood Flow Artificial Intelligence: Utility In Clinical Practice Maternal-Placental Influences And The Impaired Fetal Environment: Impact On Outcomes Oxygen Therapy In Fetal CHD: Fact Or Fiction? Gene Therapy—Fact Or Fiction? The Artificial Placenta—Fact Or Fiction? 	James Huhta 2:30-2:45
Wednesday, August 30, 2023	Block 14: 1:45 pm – 4:00 pm	Empowering Patients And Families To Thrive: Education And Support	<ul style="list-style-type: none"> The Principles Of Shared Decision-Making Patient Education In LMICs: Challenges And Opportunities Bridging The Gap: The PEDI Project Empowering Patients with Rheumatic Heart Disease In Uganda Partnering For Life-Long Care: #Findachd - Canada Fighting Stigma In India Round Table: Education And Support: What Do We Share? How Do We Differ? 	
Wednesday, August 30, 2023	4:30 - 6:30	CNOOC Happy Hour!	Light Refreshments and drinks: Welcome to ALL attendees , especially those interested in learning more about CNOOC opportunities	
Thursday, August 31, 2023	Block 17: 10:15 am – 12:30 pm	Supporting Neurodevelopment In The Outpatient Setting	<ul style="list-style-type: none"> The Ideal Model: Guidelines For Outpatient Neurodevelopmental Follow-Up Why Is It Important? The Impact Of Neurodevelopmental Evaluation How Do You Fund It: Financial Support For Cardiac Neurodevelopment Advocating For the School Aged Child Including Parents In Developmental Care Assessment And Support Of Emotional Health In The Medical Setting It Takes A Village: Parent Organizations And Advocacy 	Anjali Sadhwani Dawn Ilardi Roberta Williams Kyle Landry Renee Sananes Jo Wray Amy Basken
Thursday, August 31, 2023	Small Group Lunch Sessions: 12:40 pm – 1:40 pm	NPCQIC	<ul style="list-style-type: none"> The National Pediatric Cardiology Quality Improvement Collaborative - 18 Years of Progress Collaboration To Improve Surgical Outcomes In The Norwood Procedure Improvement In Single Ventricle Outcomes Through Shared Practices Among ICU And Impatient Teams Improvements In Single Ventricle Mortality And Nutrition And Growth Through Collaboration Parents As Partners In Improving Single Ventricle Outcomes 	Syed Adil Nancy Rudd Andrew Van Bergen Lacie Patterson
Thursday, August 31, 2023	Block 19: 2:00 pm – 5:00 pm	Best Abstract Competition	(all tracks)	

Meeting Adjourn --