

Date	Time	Title	Topics
<b>Sun, August 27, 2023</b>	<b>8:00 am - 4:00 pm</b>	CNOC Pre-Conference	
Sun, August 27, 2023	8:00 – 10:00 am	Neurodevelopment At Key Transition Points - Risks And Opportunities	<ul style="list-style-type: none"> <li>• Risks And Opportunities: Neurodevelopment At Key Transition Points</li> <li>• Parent Perspective On Perioperative Transitions</li> <li>• Key Transitions In The Perioperative Period, Birth To Discharge</li> <li>• Benefits And Bias In Neurodevelopmental Evaluation For Children With CHD</li> <li>• Parent Perspective On The Preschool Years</li> <li>• Key Transitions In The Preschool Age Child - Explosive Growth And Shifting</li> <li>• Patient/Parent Perspective On The Teenage/Transition Years</li> <li>• Key Transitions In Adolescence - Shifting Towards Independence</li> <li>• Patient Perspective On Adulthood</li> <li>• Key Transitions And Challenges In Adulthood</li> </ul>
Sun, August 27, 2023	10:30 am – 12:30 pm	Redefining Neuroprotection And Intervention Across The Lifespan In CHD	<ul style="list-style-type: none"> <li>• Introduction: Thinking Beyond Operative Factors For Neuroprotection</li> <li>• Neuroprotection In The Presurgical Period In Children With CHD</li> <li>• Neuroprotection In The Post-Operative Period In Children With CHD</li> <li>• Neurodevelopmental And Family Intervention In Infancy And Early Childhood In Children With CHD</li> <li>• Neuropsychological And Psychological Interventions In School Age Children With CHD</li> <li>• Interventions For Adolescents And Adults With CHD</li> </ul> <p>Care In CHD</p>
Sun, August 27, 2023	1:30 – 4:00 pm	Debates In Cardiac Neurodevelopment	<ul style="list-style-type: none"> <li>• Debate 1: Neurodevelopmental Disorders In CHD Cannot Be Modified By Interventions</li> <li>• Debate 1: Neurodevelopmental Disorders In CHD Can Be Modified By Interventions</li> <li>• Debate 2: All Children And Families With CHD Should See The ND Team</li> <li>• Debate 2: Children And Families With CHD Should Be Triageed Before Visiting The ND</li> <li>• Debate 3: Neuroimaging Should Be A Standard Part Of Clinical Care In CHD</li> <li>• Debate 3: Neuroimaging Is Most Informative To Research Questions</li> <li>• Debate 4: The ICU Should Be Structured With All Cardiac Patients On One Team To Maximize ND Outcomes In Individuals With CHD</li> <li>• Debate 4: The ICU Should Be Structured With Segmented ICU Model Based On Age To Maximize ND Outcomes In Individuals With CHD</li> </ul>
<b>Main Conference</b>			
Mon, August 28, 2023	10:15 am – 12:30 pm Block 2	The State Of The Art In Cardiac	<ul style="list-style-type: none"> <li>• History Of Neuroprotection And Neurodevelopment In CHD</li> <li>• Brain Development In Children With CHD</li> <li>• Neuropsychological Outcomes In Children With Cardiac Disease</li> <li>• Psychosocial Outcomes In Children With Cardiac Disease</li> </ul>
Mon, August 28, 2023	2:00 pm – 4:15pm Block 4	The Fetal And Neonatal Brain In CHD	<ul style="list-style-type: none"> <li>• Case Presentation By Junior Faculty</li> <li>• Genetic Determinants Of Brain Development In CHD</li> <li>• Fetal Circulatory Physiology And Brain Health In CHD: The Cardiologist's Perspective</li> </ul>

			<ul style="list-style-type: none"> <li>• The Developing Neonatal Brain And Neurodevelopmental Outcome: The Neurologist's Perspective</li> <li>• Maternal Stress And Brain Development In CHD</li> <li>• Perinatal Cerebrovascular Hemodynamics And Outcome</li> <li>• Patterns Of Perioperative Brain Injury In CHD</li> <li>• Evaluation Of The Neonatal Brain: Before &amp; After Surgery</li> </ul>
Mon, August 28, 2023	2:00 pm – 4:15 pm Block 4	The Pediatric Heart Network (PHN) And Pediatric Cardiac Genetics Consortium (PCGC): Past Successes And Future Directions	<ul style="list-style-type: none"> <li>• PHN Resources For The Community</li> <li>• Landmark PHN Trials</li> <li>• Current PHN Priorities</li> <li>• The Future Of The PHN And Pediatric Cardiovascular Research</li> <li>• De-Novo Variants And Neurologic Outcomes In Congenital Heart Disease</li> </ul> <p>Opportunities For Collaborative Investigation Of The Impact Of Genetics On Clinical Outcomes In CHD: A Large-Scale Database Integrating Electronic Health Records With</p> <ul style="list-style-type: none"> <li>• Genomic Analysis Of 11,000 CHD Patients Identifies A Core Set Of CHD Genes</li> </ul> <p>• Future International Collaborations To Understand The Heterogeneity Of CHD</p>
Mon, August 28, 2023	Block 5: 4:45 pm – 6:15 pm	Rethinking Hypoplastic Left Heart Syndrome:	<ul style="list-style-type: none"> <li>• The Early Days of the Norwood Operation</li> <li>• Fetal Considerations</li> <li>• Preoperative Care</li> <li>• Surgical Management</li> <li>• Anesthetic Management</li> <li>• Postoperative Care</li> <li>• HLHS and the Brain</li> <li>• Follow-Up Strategies</li> <li>• Evolving Role of Cath</li> <li>• Adults with HLHS</li> <li>• Patient and Family Perspectives</li> <li>• Given Current Outcomes, Is Comfort Care Still an Ethical Option?</li> </ul>
Mon, August 28, 2023	Block 5: 4:45 pm – 6:15 pm	Around The World In 90 Minutes: Using Registries, Surveys, Big Data To Track CHD	<ul style="list-style-type: none"> <li>• Intro To Using Registries, Surveys, And Big Data To Track Long-Term Outcomes In CHD</li> <li>• Clinical #1: Pediatric Cardiac Care Consortium</li> <li>• Clinical #2: Australian And New Zealand Fontan Registry – Long-Term Clinical Outcomes Of Fontan Patients &gt;16 Years Old And In Care</li> <li>• Clinical #3: Cardiac Networks United</li> <li>• Clinical #4: PROTEA CHD Registry</li> <li>• Survey #1: CH STRONG – The Multi-Center Survey Re: Long-Term ACHD Outcomes In United States Coordinated By CDC</li> <li>• Survey #2: APPROACH IS – International Multicenter Project On Patient- Reported Outcomes From 16 Countries</li> <li>• Population #1: Quebec Registry Of CHD</li> <li>• Population #2: Using The Danish Health Register For CHD Research</li> </ul>

Tue, August 29, 2023	Block 6: 7:30 am – 9:15 am	Landmark Lectures	<ul style="list-style-type: none"> <li>• Lessons Learned from Multicenter Collaborative Studies</li> </ul>
Tue, 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"> <li>• The Toxic Effects Of Sedation And Analgesia In The Developing Brain: What's The Current Evidence?</li> <li>• Anesthesia Toxicity And Neurodevelopmental Outcomes In Neonates With CHD</li> <li>• Medication And Hypotension: Which Is To Blame For Adverse Outcomes?</li> <li>• Long Term Effects Of Neonatal Pain</li> <li>• Building A Toolbox For Pain Management In The ICU</li> </ul>
Tue, 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"> <li>• Cardiovascular Genetics And Neurodevelopmental Outcomes</li> <li>• Health Disparities In Neurodevelopmental Outcomes In CHD</li> <li>• A Novel Team Approach To Neurodevelopmental Follow-Up In Complex CHD</li> <li>• Development Trajectories In Children With Heart Disease</li> <li>• Supporting Neurodevelopment In Children With CHD: A Nursing Perspective</li> <li>• Navigating Neurodevelopmental Needs In Children With Heart Disease: Patient And Parent Perspectives</li> <li>• Quality of Life In Congenital Heart Disease Survivors</li> </ul>
Tue, August 29, 2023	Block 7: 10:15 am – 12:30 pm	The Power Of Patient/Provider Partnerships	<ul style="list-style-type: none"> <li>• Patient And Family Engagement: Beyond Checking The Boxes</li> <li>• The Basics Of Patient-Centered Research: How To Do It Right</li> <li>• CHD, Transparency, And Public Reporting</li> <li>• Access To Care: The Congenital Heart Public Health Consortium</li> <li>• The Remedy Study: From Subjects To Participants</li> <li>• Promoting Quality: ACHD Program Accreditation</li> <li>• Round Table Discussion: How Do We Go Beyond "Checking The Boxes?"</li> </ul>
<b>Tue, August 29, 2023</b>	<b>12:30 - 2:00pm</b>	<b>CNOC Steering Committee Meeting</b>	<b><i>for steering committee members ; lunch provided</i></b>
Tue, August 29, 2023	Block 9: 2:00 pm – 4:15 pm	Global Perspectives On Cardiac	<ul style="list-style-type: none"> <li>• Strategies For Abbreviated Neurodevelopmental Screening In CHD</li> <li>• Strategies To Support Development When Multidisciplinary Neurodevelopmental Evaluation Is Not Available</li> <li>• Health Related Quality Of Life And Family-Centered Care: Perspectives For Low-Middle Income Countries</li> <li>• USA Perspective</li> <li>• Canadian Perspective</li> <li>• Indian Perspective</li> <li>• Asian Perspective</li> <li>• European Perspective</li> <li>• Mexican Perspective</li> <li>• Australia/New Zealand</li> <li>• Middle Eastern Perspective</li> <li>• Parent Perspective</li> </ul>
Tue, August 29, 2023	Block 10: 4:45 pm – 6:15 pm	Featured Plenary Session On Neurodevelopment In Children And Adults	<ul style="list-style-type: none"> <li>• Cardiac Neurodevelopmental Outcomes Collaborative: Leadership Update #1</li> <li>• Cardiac Neurodevelopmental Outcomes Collaborative: Leadership Update #2</li> </ul>

			<ul style="list-style-type: none"> <li>• Present Research Aims From The Registry Or RFA</li> <li>• Looking Ahead: Where Should We Be In 10 Years? (R13)</li> <li>•** The Annual Newburger-Bellinger Lecture **</li> </ul>
<b>Wed, August 30, 2023 9:15-10:15 am CNOc Meet and Greet</b>			<b>Coffee, Tea, Light Refreshments: Welcome to ALL attendees , especially those interested in learning more about CNOc opportunities</b>
Wed, August 30, 2023	Block 12: 10:15 am – 12:30 p	Developmental Care For Inpatients With CHD	<ul style="list-style-type: none"> <li>• A Parent’s Perspective: What I Wish I Knew Earlier</li> <li>• Why Care About Developmental Care?</li> <li>• Back To Basics: Human Touch, Holding, And Skin-To-Skin Care</li> <li>• Infants Talk To Us: Behavioral Assessment And Cue-Based Care</li> <li>• Developmentally Supportive Feeding And Nutrition</li> <li>• Supporting The Older Child In The ICU: Sleep, Mobility, Exercise, Academics, And Emotional Support</li> <li>• Family-Centered Care: Have We Arrived?</li> </ul>
Wed, August 30, 2023	Block 12: 10:15 am – 12:30 p	Improving Transplant Longevity And Health Related Quality Of Life	<ul style="list-style-type: none"> <li>• Contraindications To Transplant</li> <li>• Not A Transplant Candidate At Our Center, What’s Next?</li> <li>• Race, Ethnicity &amp; Transplant Outcomes Around The World</li> <li>• Social Support Is The Most Important Factor In Transplant Success</li> <li>• Re-transplantation Is Not Common: Why Is That?</li> <li>• Best Practices In Teen Care And Transition</li> <li>• Balancing Hope And Realism In Discussing Transplant Survival</li> <li>• Montage Of Transplant Experience</li> </ul>
Wed, August 30, 2023	Small Group Lunch Sessions: 12:40 pm – 1:40 pm	Care? A Round Table Lunch For Occupational And Physical Therapists, Speech And Language Pathologists, Child Life Specialists And Others Therapists	
Wed, August 30, 2023	Block 14: 1:45 pm – 4:00 pm	Neurodevelopment: Oral Abstracts	
Wed, August 30, 2023	Block 14: 1:45 pm – 4:00 pm	Hot Topics In Fetal Cardiology	<ul style="list-style-type: none"> <li>• Late-Breaking Updates In Fetal Cardiology: Most Important Discoveries And Innovations In The Past 5 Years</li> <li>• Fetal MRI: Value In Assessing Structure And Blood Flow</li> <li>• Artificial Intelligence: Utility In Clinical Practice</li> <li>• Maternal-Placental Influences And The Impaired Fetal Environment: Impact On</li> <li>• Oxygen Therapy In Fetal CHD: Fact Or Fiction?</li> <li>• Gene Therapy—Fact Or Fiction?</li> <li>• The Artificial Placenta—Fact Or Fiction?</li> </ul>
Wed, 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"> <li>• The Principles Of Shared Decision-Making</li> <li>• Patient Education In LMICs: Challenges And Opportunities</li> <li>• Bridging The Gap: The Pedi Project</li> <li>• Empowering Patients with Rheumatic Heart Disease In Uganda</li> <li>• Partnering For Life-Long Care: #Findachd - Canada</li> </ul>

			<ul style="list-style-type: none"> <li>• Fighting Stigma In India</li> <li>• Round Table: Education And Support: What Do We Share? How Do We Differ?</li> </ul>
Thurs, August 31, 2023	Block 17: 10:15 am – 12:30 p	Supporting Neurodevelopment In The Outpatient Setting	<ul style="list-style-type: none"> <li>• The Ideal Model: Guidelines For Outpatient Neurodevelopmental Follow-Up</li> <li>• Why Is It Important? The Impact Of Neurodevelopmental Evaluation</li> <li>• How Do You Fund It: Financial Support For Cardiac Neurodevelopment</li> <li>• Advocating For the School Aged Child</li> <li>• Including Parents In Developmental Care</li> <li>• Assessment And Support Of Emotional Health In The Medical Setting</li> <li>• It Takes A Village: Parent Organizations And Advocacy</li> </ul>
Thurs, August 31, 2023	Small Group Lunch Sessions: 12:40 pm – 1:40 pm	NPCQIC	<ul style="list-style-type: none"> <li>• The National Pediatric Cardiology Quality Improvement Collaborative - 18 Years of Progress</li> <li>• Collaboration To Improve Surgical Outcomes In The Norwood Procedure</li> <li>• Improvement In Single Ventricle Outcomes Through Shared Practices Among ICU And Inpatient Teams</li> <li>• Improvements In Single Ventricle Mortality And Nutrition And Growth Through</li> <li>• Parents As Partners In Improving Single Ventricle Outcomes</li> </ul>
Thurs, August 31, 2023	Block 19: 2:00 pm – 5:00 pm	Best Abstract Competition	( all tracks)