

2023

CHNC Annual Symposium

October 11 – 13



— DENVER, COLORADO —

CHNC 



DAY ONE | WEDNESDAY, OCTOBER 11

WELCOME TO DENVER!

8:30 - 11:45 AM
TOWER B

Breakout: Data Coordinators Session

Michele Barrila-Yetman, Megan Ivey, Nicole Kemble, Christina McAleer, Jay Ann Nelson, Emilie Vannguyen

9:30 - 11:30 AM
TOWER A

Educational Breakout: Clinical Event Debriefing in the Neonatal Intensive Care Unit

Anne Ades, Noorjahan Ali, Mary Haggerty, Lauren Heimall, Sofia Perazzo, Lamia Soghier, Elizabeth Wetzel

9:30 - 11:30 AM
COLUMBINE

Workshop: Equity-Focused QI: How to Drive Change that Leads to Equitable Improvement

*Roopali Bapat, Nicholas M. Heitkamp, Sunah Hwang, Michelle-Marie Peña
On behalf of the Neonatal Justice Collaborative QI Subcommittee*

9:30 - 11:30 AM
TOWER C

Workshop: Genetics in the NICU: Genetic Test Interpretation and Rare Disease Resources

Semsa Gogcu, Hannah B. Hightower, Rose Hokanson, Sabrina Malone-Jenkins, Rachel Palmquist, Kristen Suhrie, Whitney Thompson, Jennifer Wambach, Michael Zinsmeister

9:30 - 11:30 AM
TOWER D

Workshop: Wounds, Tubes, and Ostomies.....OH MY!

Melissa Duran, Alexa Julian, Tamara Meeker

11:00 AM - 12:15 PM
MAJESTIC BALLROOM

LUNCH

12:15 - 1:00 PM
GRAND BALLROOM

Welcome and State of the Consortium

Jacquelyn Evans, Anthony Piazza, Kris Reber

1:00 - 1:45 PM

CHNC CIQI: Past, Present, Future

C Briana Bertonì, Aaron Rose

1:45 - 2:00 PM

Neonatal Outcomes within the CHNC Following Fetal Surgery for Myelomeningocele

Stefanie Riddle

2:00 - 2:45 PM

Building and Maintaining a NeuroNICU: Protecting the Neonatal Brain of All NICU Patients

Sonia L. Bonifacio

2:45 - 3:30 PM

BREAK

3:30 - 4:15 PM
GRAND BALLROOM

Neurosurgical Approaches and Pathways of Care for Hydrocephalus

David D. Limbrick, Jr.

4:15 - 4:30 PM

Risk of Mortality and Tracheostomy by Level of Respiratory Support in Infants with Severe Bronchopulmonary Dysplasia

Matthew Kiehl

4:30 - 5:30 PM

Focus Group Updates (Part One)

Cardiac, CDH, Endocrinology, Extremely Preterm Infant, Fetal Therapy, Gastroschisis, Genomics, HIE, Palliative Care and Ethics

5:30 - 7:45 PM
MAJESTIC BALLROOM

Reception and Poster Session

Supported by Reckitt | Mead Johnson, Platinum Sponsor



DAY TWO | THURSDAY, OCTOBER 12

7:00 – 8:30 AM MAJESTIC BALLROOM	BREAKFAST
8:00 – 10:00 AM GRAND BALLROOM	Breakout: CHNC Compare Reporting Session <i>Beverly Brozanski, Karna Murthy</i>
8:00 – 10:00 AM SILVER	Workshop: Better Together: Partnering with Families to Improve Neonatal Intensive (NICU) Care <i>Stephanie Bourque, Sahra Cahoon, Emily Fawaz, Jessica Fry, Kerri Z. Machut, Lamia Soghier</i>
8:00 – 10:00 AM TOWER B	Educational Breakout: Communication and Decision-Making Challenges at the Threshold of Viability <i>Deb Armbruster, Omid Fathi, Katrina Gleditsch, Julie R. Gooding, Maria Haghazari, Leeann Pavlek, Patrick Schneider</i>
8:00 – 10:00 AM TOWER A	Workshop: Creating a Welcoming NICU: Implementing a Breastfeeding Curriculum for Trainees and Staff <i>Emily F. Fishman, Lisa Schuller, Rachel E. Witt</i>
8:00 – 10:00 AM TOWER D	Workshop: Neonatal Veno-Venous ECMO: Lesson and Pearls for Simulation and Training <i>Anne Ades, Shazia Bhombal, Robert DiGeronimo, Sharada H. Gowda, Sarah Keene, Allison Linden, Natalie Rintoul, Ruth Seabrook</i>
10:00 – 10:30 AM	BREAK
10:30 – 10:45 AM GRAND BALLROOM	Opening Remarks and Welcome from Children's Hospital Colorado <i>Erica Wymore</i>
10:45 – 11:00 AM	Variability in Necrotizing Enterocolitis Totalis Survival Across Quaternary Referral Centers Supports the Need for a More Specific Definition <i>Darren Bodkin</i>
11:00 – 11:15 AM	Comparison of Preoperative and Intraoperative Surgeon Diagnosis and Pathologic Findings in the Diagnosis of Spontaneous Intestinal Perforation vs Necrotizing Enterocolitis <i>Olivia Keane</i>
11:15 AM – 12:00 PM	Nutritional Challenges in Neonatal Patients <i>Amy B. Hair</i>
12:00 – 1:30 PM MAJESTIC BALLROOM	LUNCH
12:00 – 1:45 PM SILVER	Lunch Breakout: TECaN Fellows
12:00 – 1:45 PM TOWER D	Lunch Breakout: Focus Group Leaders Session
12:00 – 1:45 PM TOWER B	Workshop: How to Leverage All That Data: Excel Tips and Tricks for Data Abstractors <i>Amanda Ramer</i>
1:45 – 2:30 PM GRAND BALLROOM	Intravenous Lipids in the Neonatal Intensive Care Unit: Metabolism and Clinical Outcomes <i>Daniel T. Robinson</i>



DAY TWO | THURSDAY, OCTOBER 12 (CONT)

2:30 – 3:30 PM
GRAND BALLROOM

Focus Group Updates (Part Two)

Intestinal Failure, Kidney, Micrognathia, NEC, Neurosurgery, POCUS, Resuscitation, Retinopathy of Prematurity, Substance Exposed Newborns, TEF/EA

3:30 – 4:15 PM

Awards, Recognition and Closing Remarks

4:15 – 4:30 PM

BREAK

4:30 – 5:30 PM

Poster Symposium Sessions

SILVER

BPD Session

Moderated by Sandra Wai, Erica Wymore

- **Oscillometry in Term Neonates without Respiratory Disease** – Anna Nelson
- **Early Progressive Mobility to Improve Neurodevelopment of Infants with Severe Bronchopulmonary Dysplasia** – Heidi Morris
- **Systemic Corticosteroid Therapy for Severe Respiratory Failure in Bronchopulmonary Dysplasia** – Kate Gibbs
- **Analysis of Factors Related to Pulmonary Hypertension Diagnosis in a Severe Bronchopulmonary Dysplasia Population at a Level IV Referral NICU** – Pamela Griffiths
- **Modeling the Impact of Reducing Air Pollution on Acute Bronchopulmonary Dysplasia Exacerbations Among Preterm Infants After NICU Discharge** – Timothy Nelin
- **Transpyloric Feeding is Associated with Adverse In-hospital Outcomes in Infants with Severe Bronchopulmonary Dysplasia** – Jonathan Levin

TOWER D

CDH / ECMO Session

Moderated by Ruth Seabrook, Trishelle Silverman

- **Association Between Time with Open Ductus Arteriosus and Congenital Diaphragmatic Hernia Outcomes** – Srirupa Hari Gopal
- **Oxygen Saturation Index: An Adjunct to Oxygenation Index in Congenital Diaphragmatic Hernia** – Srirupa Hari Gopal
- **A Team Sport: Multidisciplinary Simulation Improves Clinician Confidence in Caring for Patients with Congenital Diaphragmatic Hernia** – Kristen Clark
- **Ductal Shunting in Neonates with CDH: Does the Direction of Flow Predict Clinical Outcomes?** – Sharada H. Gowda
- **Minimal Operative Complications with Early Repair on ECLS Using Bivalirudin and a Standardized Operative Approach for Severe Congenital Diaphragmatic Hernia: A Single Center Experience** – Mihai Puia-Dumitrescu

TOWER A

DEI/Psychosocial Session

Moderated by Jessica Fry, Nandita Mandhani

- **Improving the Rate of Human Milk Feeding for African American Infants at Discharge from a Level IV NICU** – Sofia Perazzo
- **Ethnic/Racial Disparities in Relief of Post-operative Pain in Pre-term and Term Neonates in the Neonatal Intensive Care Unit: A Single-center Study** – Ana Martinez
- **African-American Women's Early Life Residence in Redlined Urban Neighborhoods is a Social Determinant of Early Preterm Birth: A Population-Based Study** – Christina Kim



DAY TWO | THURSDAY, OCTOBER 12 (CONT)

4:30 – 5:30 PM

Poster Symposium Sessions (Cont)

TOWER A

DEI/Psychosocial Session (Cont)

- **Social Stressors and Interventions for Families with Infants Requiring Complex Medical Care** – *Kristina Clark*
- **Improving the Utilization of Palliative Care Consultation in the Neonatal Intensive Care Unit** – *Emily Rosenstein*
- **One Size Does Not Fit All: Translation of a Quality Improvement Initiative in Parent Mental Health Screening Across Hospital Systems** – *Sarah Swenson*

TOWER B

QI Session

Moderated by *C Briana Bertoni, Jamie Jones*

- **Improving Elective Intubations (EI) in a Level IV NICU** – *Vedanta Dariya*
- **Successful Implementation of a Golden Hour Protocol for Management of Extremely Premature Infants** – *Michelle Lamary*
- **Good to Great: Implementing a Comprehensive Bundle to Prevent Necrotizing Enterocolitis in Preterm Infants** – *Michel Mikhael, Anne Denslow*
- **A Standardized Safety CHECK to Improve the Quality of Neonatal Radiographs** – *Megan Barcroft*
- **Reduction of Antibiotic Therapy Days in a Level IV Neonatal Intensive Care Unit** – *Reema Paul*
- **Quality Improvement Initiative to Increase the Rate of Code Blue Debriefing in Level IV NICUs** – *Sofia Perazzo*

TOWER C

Unique Topics for Level 4 NICUs Session

Moderated by *Allison Black, Marko Culjat*

- **Gastroschisis Outcomes in Infants Born Prior to 32 Weeks Gestation: Examining a Multi-Institutional Cohort** – *Charles Preston Pugh*
- **Epidemiology of Neonatal Infections Among Regional Level IV Neonatal Intensive Care Units Across North America** – *Yo Nishihara*
- **Interventions and Short-term Outcomes for Post-hemorrhagic Hydrocephalus in Preterm Infants: A Multi-Center Cohort Study** – *Elizabeth Sewell*
- **Feeding Outcomes in Prenatal versus Postnatal Repair of Myelomeningocele** – *Jennifer Healy*
- **ADVANCE: Advancing Care of Neonates with Acute Kidney Injury Utilizing the CHNC Database** – *Jennifer Rumpel*
- **Predicting Genetics Involvement from Neonatal Phenotypes** – *Austin Antoniou*

5:30 – 6:30 PM

NORTH CONVENTION LOBBY

Poster Reviews, Focus Group Fair and Reception

Supported by *Medtronic, Platinum Sponsor*



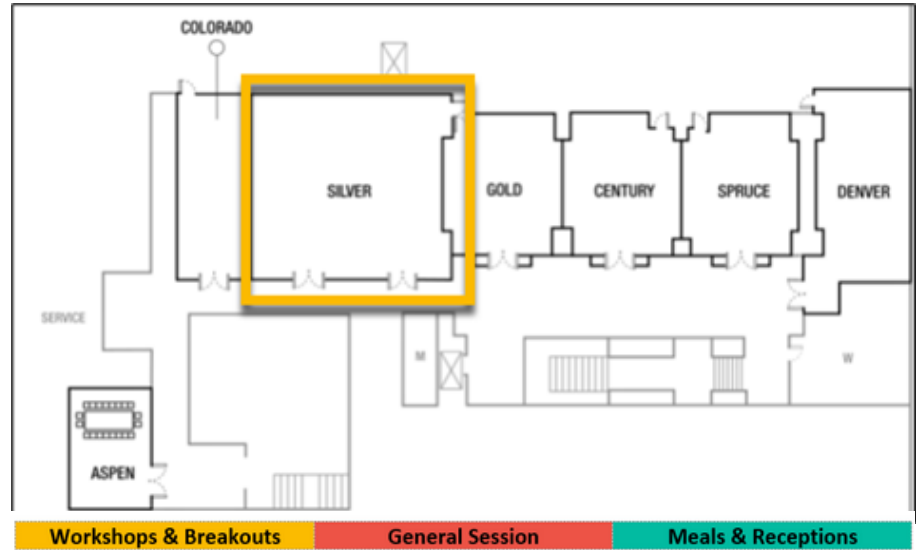
DAY THREE | FRIDAY, OCTOBER 13

7:00 - 9:00 AM MAJESTIC BALLROOM	BREAKFAST
7:30 - 9:00 AM HOTEL LOBBY	CHNC Fun Run/Walk: Supporting the NEC Society
7:45 - 9:15 AM TOWER D	Workshop: Compassion in Action: The Impact of Trauma Informed Care <i>Mary Coughlin, Julie Lindower</i>
7:45 - 9:15 AM SILVER	Workshop: Developing a Point of Care Ultrasound Program in Your Neonatal ICU - What Does it Take? <i>Shazia Bhombal, Cara Beth Carr, Sharada H. Gowda, Alan Groves, Karena Lawrence, Stephanie Marshall, Deirdre O'Reilly, Vivek Saroha, Rupin Sharma, Jason Stoller</i>
7:45 - 9:15 AM TOWER A	Workshop: Improving Transparency and Developing Sustainable Neonatologist Staffing Models <i>Christine E. Bishop, Milenka Cuevas-Guaman, Kerri Z. Machut, Steve Olsen</i>
7:45 - 9:15 AM TOWER B	Breakout: Data Coordinators VON/CPQCC <i>Becky Brumfield, Gina Myers</i>
8:00 - 9:30 AM TOWER C	Breakout: Site Sponsors Session
9:30 - 9:45 AM GRAND BALLROOM	Opening Remarks <i>Anthony Piazza, Kris Reber</i>
9:45 - 10:00 AM	Mental Health Support and Screening for Mood Disorders for Caregivers in the NICU: Is the Call to Arms Being Answered? <i>Megan Lagoski</i>
10:00 - 10:15 AM	Understanding Caregiver Communication Preferences and Reducing Disparities in Communication Frequency in a Level IV NICU: A Mixed Methods Study <i>Christina Fisher</i>
10:15 - 10:45 AM	CHNC Mentored Fellow Research Updates Pulmonary Vein Stenosis in Preterm Infants <i>Erica McArthur</i> Social Determinants of Health and Tracheostomy Placement in Extremely Premature Infants <i>Kylie Bushroe</i>
10:45 - 11:30 AM	Disruptive Innovation In Neonatology: The Time is NOW <i>Benjamin Courchia, Daphna Yasova Barbeau</i>
11:30 - 11:45 AM	Closing Remarks <i>Anthony Piazza, Kris Reber</i>

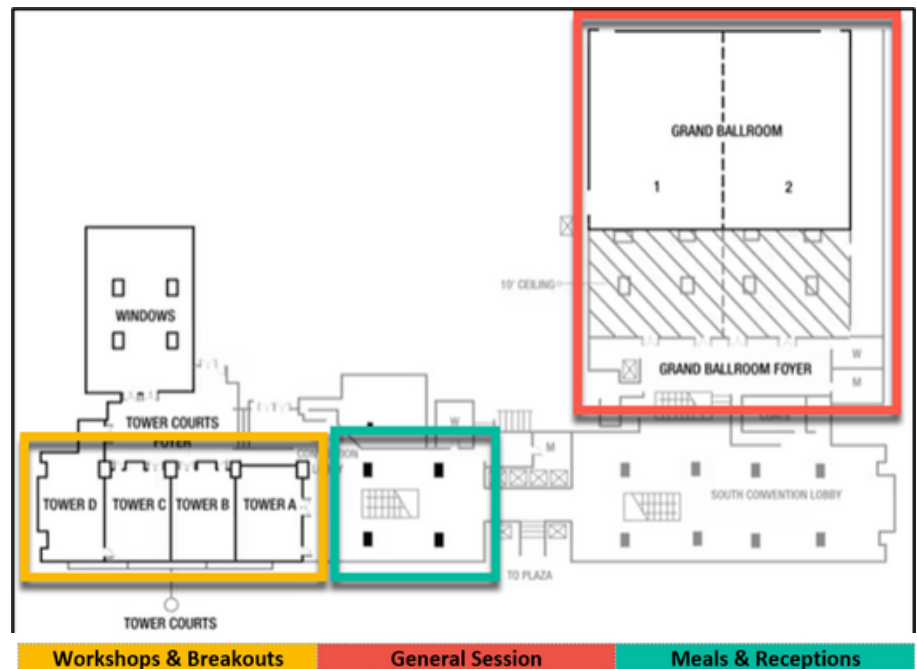


Symposium Map

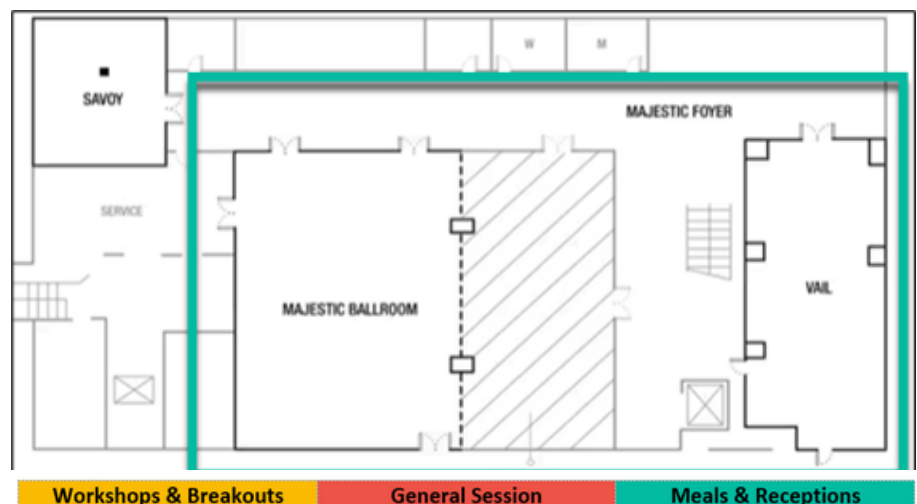
MEZZANINE LEVEL



SECOND LEVEL



MAJESTIC LEVEL





Faculty Listing

Michele Barrila–Yetman, BSN, RN

Clinical Data Coordinator/Improvement Advisor
Children's Hospital of Philadelphia

C Briana Bertoni, MD, MBOE, CPPS

Director of Clinical Development & Quality Improvement
Assistant Professor of Pediatrics
University of Pittsburgh School of Medicine
Children's Hospital of Pittsburgh

Darren Bodkin M.B.B.S, FAAP

Fellow, Neonatal Perinatal Medicine
University of Pittsburgh Medical Center

Sonia L. Bonifacio, MD, FAAP

Clinical Professor of Pediatrics
Director NeuroNICU
Faculty Director of DEIJ Strategic Initiatives
Stanford University School of Medicine
Lucile Packard Children's Hospital

Beverly S. Brozanski MD, CPHQ

Susan and James C. Gould Professor of Pediatrics
Chief Medical Officer, SLCH
VP of Pediatric Quality and Patient Safety
BJC HealthCare and St. Louis Children's Hospital

Becky Brumfield, RCP

NICU Database Coordinator/Abstractor
UCSF Benioff Children's Hospital

Benjamin Courchia, MD

Director of Neonatal Innovation
& Chronic Lung Disease Program
HCA FL University Hospital/Envision Physician Services
Adjunct Faculty of Medicine
Dr. Kiran C. Patel College of Allopathic Medicine
Nova Southeastern University
Co-creator and host of The Incubator Podcast

Jacquelyn Evans, MD

Executive Director
CHNC

Omid Fathi, MD

Medical Director, Small Baby Program
Division of Neonatology
Nationwide Children's Hospital
Assistant Professor of Pediatrics
The Ohio State University College of Medicine

Christina Fisher, MD, MSCS

Assistant Professor
Children's Hospital Colorado

Emily F. Fishman, MD, MSCI, IBCLC

Neonatologist
St. Louis Children's Hospital

Jessica Fry, MD

Assistant Professor in Pediatrics
Attending Physician in Neonatology
Ann and Robert H. Lurie Children's Hospital of Chicago

Julie R. Gooding, MD

Clinical Assistant Professor of Pediatrics
Wake Forest School of Medicine
Attending Neonatologist
Atrium Health Levine Children's

Sharada H. Gowda, MD

Assistant Professor of Pediatrics
Texas Children's Hospital

Theresa R. Grover, MD, MAS

CHNC Associate Executive Director
Professor of Pediatrics
University of Colorado School of Medicine
Children's Hospital Colorado

Mary Haggerty, DO

Attending Neonatologist
Assistant Professor of Clinical Pediatrics
Children's Hospital of Philadelphia

Amy B. Hair, MD

Associate Professor
Program Director of Neonatal Nutrition
Co-Director of NICU Intestinal Rehab Team
Baylor College of Medicine
Texas Children's Hospital

Megan Ivey, BSN, RN

Clinical Data Coordinator
Ann & Robert H. Lurie Children's Hospital Chicago

Olivia Keane, MD

General Surgery Resident
Children's Hospital of Atlanta

Sarah Keene, MD

Associate Professor of Pediatrics
Children's Healthcare of Atlanta

Nicole Kemble, RHIT

Clinical Data Coordinator
Children's Hospital of Philadelphia

Matthew J. Kielt, MD

Assistant Professor of Pediatrics
Nationwide Children's Hospital
The Ohio State University College of Medicine

Megan Lagoski, MD

Assistant Professor of Pediatrics
Northwestern University Feinberg School of Medicine
Ann & Robert H. Lurie Children's Hospital of Chicago

David D. Limbrick, Jr., MD, PhD

Professor of Pediatrics
Chair, Department of Neurosurgery
Virginia Commonwealth University



Faculty Listing

Julie B. Lindower, MD, MPH

Clinical Associate Professor of Pediatrics
University of Iowa Stead Family Children's Hospital
Director, Iowa Neonatal Quality Collaborative

Kerri Z. Machut, MD

Attending Neonatologist
Ann & Robert H. Lurie Children's Hospital
Associate Professor
Feinberg School of Medicine, Northwestern University

Sabrina Malone-Jenkins, MD

Assistant Professor of Pediatrics
University of Utah

Michelle-Marie Peña, MD

Assistant Professor of Pediatrics
Children's Healthcare of Atlanta-Egleston

Christina McAleer, RHIA

Clinical Data Coordinator
Children's Hospital of Philadelphia

Tamara Meeker, MSN, CRNP, NNP-BC, CWOCN-AP

Neonatal/Surgical Nurse Practitioner
Children's Hospital of Philadelphia

Karna Murthy, MD, MSc

Professor of Pediatrics/Neonatology
Northwestern University Neonatologist
Lurie Children's and Northwestern Memorial Hospitals
Chair, CHNC

Gina Myers, RN

Research Nurse Coordinator I – Newborn Medicine Division
St. Louis Children's Hospital

Jay Ann Nelson, BSN

Data Consultant
CHNC

Rachel Palmquist, MS, CGC

Genetic Counselor
Primary Children's Hospital

Leeann Pavlek, MD, MSc

Attending Neonatologist
Nationwide Children's Hospital
Assistant Professor of Pediatrics
The Ohio State University College of Medicine

Anthony Piazza, MD

Professor of Pediatrics
Director of Quality Improvement
Emory University | Children's Healthcare of Atlanta

Amanda Ramer, BSN

Clinical Data Analyst
UW Health Quality, Regulation and Accreditation
Madison, American Family Children's Hospital

Kristina Reber, MD

Professor and Executive Vice Chair, Pediatrics
Division Chief, Neonatology
Shannon and Mark A. Wallace Endowed Chair
Baylor College of Medicine | Texas Children's Hospital

Stefanie Riddle, MD

Associate Professor of Pediatrics
University of Cincinnati College of Medicine
Neonatal Director Fetal Care Center
Cincinnati Children's Hospital Medical Center

Daniel T. Robinson, MD, MSc

Associate Professor of Pediatrics
Northwestern University Feinberg School of Medicine
Ann & Robert H. Lurie Children's Hospital

Aaron Rose, MBA, CPHQ

CIQI Program Manager

Jason Stoller, MD

Professor of Clinical Pediatrics
Children's Hospital of Philadelphia

Emilie Vannguyen, RN

Research Nurse
University of Texas Southwestern Medical Center

Daphna Yasova Barbeau, MD

Director, Neonatal Neurodevelopment
Envision Health and HCA University Hospital
Co-creator and host of The Incubator Podcast



Symposium Information

CONTINUING EDUCATION

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 Connecticut Children's and the Children's Hospitals Neonatal Consortium. Connecticut Children's is accredited by the ACCME to provide continuing medical education for physicians. Connecticut Children's designates this live activity for a maximum of 27 AMA PRA Category 1 Credits™.

Physicians should claim only credits commensurate with the extent of their participation in the various activities.

MOC Part 2: Successful completion of this CME activity, which includes participation in the activity and individual assessment of and feedback to the learner, enables the learner to earn up to 27 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.



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This activity/program is approved by NAHQ® for six CPHQ CE credits.

EVENT HOST



Thank you to our generous host and CHNC Member Hospital:

Children's Hospital Colorado | University of Colorado School of Medicine

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ACKNOWLEDGMENTS

Children's Hospital Colorado Planning Team and Volunteers:

Kirtley Ceballos, Kathleen Hannan, Diane Hitchcock, Moha Mehta, Diane Melara, Iris Rivera

The Incubator Podcast

Benjamin Courchia, MD, Daphna Yasova Barbeau, MD

Symposium Planning Committee Co-chairs:

Anthony Piazza, MD

Emory University | Children's Healthcare of Atlanta

Kris Reber, MD

Baylor College of Medicine | Texas Children's Hospital

CHNC Staff

Jacquelyn Evans, MD
Executive Director

John Mallett
Director, Data & Analytics

Theresa Grover, MD, MAS
Associate Executive Director

Aaron Rose, MBA, CPHQ
CIQI Program Manager

Kelli Johnson
Program Manager

Darian Younger
Database Manager



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