



2025

Neonatal/Fetal Conference: **From the Womb and Beyond**

May 13 – 15, 2025



**NATIONWIDE
CHILDREN'S®**

When your child needs a hospital, everything matters.



Intended Audience

This conference is designed for all interdisciplinary healthcare team members and students in the fields of neonatal, perinatal, maternal-fetal medicine, pediatrics, obstetrics, fetal/pediatric surgery, cardiology, genetic counseling, and sonography in hospitals and community practice.

Learning Objectives

At the conclusion of this activity, participants should be able to:

1. Utilize evidence-based practice recommendations to improve patient outcomes
2. Implement latest evidence-based treatment options in perinatal and neonatal patients to improve the quality of care
3. Incorporate the most up-to-date, relevant patient education and self-management guidelines into practice for patients and families to utilize before, during, and after discharge in order to successfully transition care into the home
4. Improve communication among the healthcare team

Conference Location

Nationwide Children's Hospital Conference Center

520 Butterfly Gardens Drive

Columbus, OH 43215

Faculty

Meg Barcroft, DO

*Nationwide Children's Hospital
Columbus, OH*

Crystal Alfred, MS, RRT-NPS, RRT-NPS

*Nationwide Children's Hospital
Columbus, OH*

Nicole Asdell, MD

*Nationwide Children's Hospital
Columbus, OH*

Peter Baker, MD

*Nationwide Children's Hospital
Columbus, OH*

Molly Ball, MD

*Nationwide Children's Hospital
Columbus, OH*

Kristen Benninger, MD

*Nationwide Children's Hospital
Columbus, OH*

Gail Besner, MD

*Nationwide Children's Hospital
Columbus, OH*

Orville Bignall II, MD

*Nationwide Children's Hospital
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Liz Bonachea, MD

*Nationwide Children's Hospital
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Bimal Chaudhari, MD MPH

*Nationwide Children's Hospital
Columbus, OH*

Nicole Cistone, RN, MS

*Ohio Health
Columbus, OH*

Anna Connair, MS

*Nationwide Children's Hospital
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Karen Diefenbach, MD

*Nationwide Children's Hospital
Columbus, OH*

George El-Ferzli, MD

*Nationwide Children's Hospital
Columbus, OH*

Adolfo Etchegaray, MD

*Nationwide Children's Hospital
Columbus, OH*

Zachary Farmer, MD, FAAP

*Nationwide Children's Hospital
Columbus, OH*

Sarah Gattoline, PharmD, BCPPS

*Children's Hospital of Philadelphia
Philadelphia, PA*

Rakhi Gupta Basuray, MD, FAAP

*Nationwide Children's Hospital
Columbus, OH*

Cecilie Halling, MD

*Nationwide Children's Hospital
Columbus, OH*

Amanda Jacobson-Kelly, MD

*Nationwide Children's Hospital
Columbus, OH*

Sundeep Keswani, MD

*Texas Children's
Houston, TX*

Matt Kiehl, MD

*Nationwide Children's Hospital
Columbus, OH*

Kala Levine, MD

*Nationwide Children's Hospital
Columbus, OH*

Kypros Nicolaides, FRCOG

*King's College Hospital
London, England, United Kingdom*

**Kimberly Novak, PharmD, BCPS,
BCPPS, FPPA**

*Nationwide Children's Hospital
Columbus, OH*

Oluseyi Ogunleye, MD

*Nationwide Children's Hospital
Columbus, OH*

**Sharon Orozco, MS, RNC-OB, C-EFM,
IBCLC**

*Dayton Children's Hospital
Dayton, OH*

Gregory Pearson, MD

*Nationwide Children's Hospital
Columbus, OH*

Lauren Peck, PharmD, BCCCP

*Nationwide Children's Hospital
Columbus, OH*

Whitney Raglin, MD

*Nationwide Children's Hospital
Columbus, OH*

Michael Ratti, MD

*Nationwide Children's Hospital
Columbus, OH*

Pablo Sanchez, MD

*Nationwide Children's Hospital -OSU
Columbus, OH*

Amy Schlegel, MD

*Nationwide Children's Hospital
Columbus, OH*

Karilyne Shaker, RD, LD

*Nationwide Children's Hospital
Columbus, OH*

Christina Stine, MD, MS, RD

*Nationwide Children's Hospital
Columbus, OH*

Stephanie Tseng, MD

*Nationwide Children's Hospital
Columbus, OH*

Heather Weydig, MD, FAAP

*Nationwide Children's Hospital
Columbus, OH*



Conference Day 1: Tuesday, May 13, 2025

Neonatal Main Conference

| | |
|-------------------------|--|
| 7:45 – 8:00 a.m. | Welcome |
| 8:00 – 9:00 a.m. | Hot Topics in Global Infectious Diseases <i>Pablo Sanchez, MD</i> |
| 9:00 – 10:00 a.m. | BPD Prevention in the Era of Active Periviable Resuscitation <i>Matt Kielt, MD</i> |
| 10:00 – 10:30 a.m. | Break |
| 10:30 – 11:30 a.m. | AI Primer for Clinicians in the NICU <i>George El-Ferzli, MD</i> |
| 11:30 a.m. – 12:30 p.m. | Lunch |
| 12:30 – 1:30 p.m. | Breakout Sessions (select one) 411 of Rapid Cycle Simulation <i>Cecilie Halling, MD</i> <i>Christina Stine, MD, MS, RD</i> <i>*This continues into the 1:30-2:40 session.</i> <i>Individuals participating in this hands-on simulation will only select one breakout.</i> From Bench to Bedside: Neonatal Research Briefs You Should Know! <i>Nicole Asdell, MD</i> <i>Nicole Cistone, RN, MS</i> <i>Kala Levine, MD</i> <i>Michael Ratti, MD</i> Optimizing Neonatal Ventilation: Advances in Respiratory Support In Newborns <i>Crystal Alfred, MS, RRT-NPS, RRT-NPS</i> |
| 1:30 – 1:40 p.m. | Break |

1:40 – 2:40 p.m.

Breakout Sessions

411 of Rapid Cycle Simulation

Cecilie Halling, MD

Christina Stine, MD, MS, RD

**This is a continuation of the 12:30 session.
Individuals participating in the hands-on
simulation will only select one breakout.*

NAS/NOWS Beyond the Protocol

Kristen Benninger, MD

Oncology in the NICU: What to Expect

Amanda Jacobson-Kelly, MD

2:40 – 3:10 p.m.

Break

3:10 p.m. – 4:10 p.m.

Chronic Conditions in Pregnancy and The Impact On Neonatal Outcomes

Anna Connair, MS

4:10 - 4:20 p.m.

Evaluations & Adjourn

Conference Day 2: Wednesday, May 14, 2025

Neonatal and Fetal Main Conference

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|--------------------|---|
| 7:45 – 8:00 a.m. | Welcome |
| 8:00 – 9:00 a.m. | Dismantling the Inequities in Neonatal Care <i>Liz Bonachea, MD</i> |
| 9:00 – 10:00 a.m. | Getting in the Weeds With Perinatal Cannabis Exposure, Considerations For The Infant <i>Rakhi Gupta Basuray, MD, FAAP</i> |
| 10:00 – 10:30 a.m. | Break |
| 10:30 – 11:30 a.m. | Next Generation Probiotic Therapy for NEC: From Bench to Bedside <i>Gail Besner, MD</i> |
| 11:30 – 12:30 p.m. | Lunch |
| 12:30 – 1:30 p.m. | Caring for Post-Partum Mom Even If She's Not Your Patient! <i>Sharon Orozco, MS, RNC-OB, C-EFM, IBCLC</i> |
| 1:30 – 2:30 p.m. | Fetal Therapy: A Historical Perspective and Hopes for the Future <i>Kypros Nicolaides, FRCOG</i> |
| 2:30 – 3:00 p.m. | Break |
| 3:00 – 4:00 p.m. | Fetal Therapy Trends and News 2025 <i>Adolfo Etcheagaray, MD</i> |
| 4:00 – 4:50 p.m. | This Time It's Personal: When Health Equity Hits Close to Home <i>Ray Bignall II, MD</i> <i>Whitney Raglin, MD</i> |

4:50 – 5:00 p.m. **Evaluations, End of Day Announcements**

5:00 – 6:30 p.m. **Poster Reception**



Conference Day 3: Thursday, May 15, 2025

Neonatal Post Conference: Advance Pharmacology

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|-------------------------|--|
| 7:45 – 8:00 a.m. | Welcome |
| 8:00 – 9:00 a.m. | Delirium in the NICU: Pharmacological Strategies for Care <i>Zachary Farmer, MD, FAAP</i> |
| 9:00 – 10:00 a.m. | Lymphatic Malformations: Medication Management <i>Sarah Gattoline, PharmD, BCPPS</i> |
| 10:00 – 10:30 a.m. | Break |
| 10:30 – 11:30 a.m. | Improving Cystic Fibrosis Outcomes Through the Use of Modulators and Other Treatment Modalities <i>Kimberly Novak, PharmD, BCPS, BCPPS, FPPA</i> |
| 11:30 a.m. – 12:45 p.m. | Lunch |
| 12:45 – 1:45 p.m. | Metabolic Bone Disease: Prevention and Treatment <i>Karilyne Shaker, RD, LD</i> |
| 1:45 – 2:45 p.m. | Congenital Hyperinsulinism: Treatment Strategies <i>Sarah Gattoline, PharmD, BCPPS</i> |
| 2:45 – 3:15 p.m. | Break |
| 3:15 – 4:15 p.m. | Management of Perfusion in the Neonate: Vasopressors, Hydrocortisone, and Volume Expanders, OH MY! <i>Molly Ball, MD</i> |
| 4:15 – 4:30 p.m. | Evaluation & Adjourn |



Conference Day 3: Thursday, May 15, 2025

Fetal Center: Fetal Abdominal Wall Defects

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|-------------------------|--|
| 7:45 – 8:00 a.m. | Welcome |
| 8:00 – 8:30 a.m. | Embryology And Development: Understanding the Origins of Abdominal Wall Defects <i>Peter Baker, MD</i> |
| 8:30 – 9:00 a.m. | Mind the Gap: Prenatal Diagnosis and Management of Common Abdominal Wall Defects <i>Adolfo Etchegaray, MD</i> |
| 9:00 – 9:30a.m. | Postnatal Management and Outcomes of Gastrochisis and Omphalocele <i>Karen Diefenbach, MD</i> <i>Amy Schlegel, MD</i> |
| 9:30 – 10:00 a.m. | Research: Fetal Repair of Gastrochisis in Animal Models <i>Sundeep Keswani, MD</i> |
| 10:00 a.m. – 10:30 a.m. | Break |
| 10:30 a.m. – 11:00 a.m. | Panel Discussion: Current And Future Considerations For Gastroschisis And Omphalocele <i>Peter Baker, MD</i> <i>Karen Diefenbach, MD</i> <i>Adolfo Etchegaray, MD</i> <i>Sundeep Keswani, MD</i> <i>Amy Schlegel, MD</i> |
| 11:00 – 11:30 a.m. | Beyond the Common: Exploring Rare Abdominal Wall Defects <i>Oluseyi Ogunleye, MD</i> |
| 11:30 a.m. – 12:45 p.m. | Lunch |

12:45 – 1:15 p.m.

At the Heart of the Matter: Cardiac Manifestations in Anterior Abdominal Wall Defects

Stephanie Tseng, MD

1:15 - 1:45 p.m.

Genetic Insights into Abdominal Wall Defects

Bimal Chaudhari, MD MPH

1:45 - 2:15 p.m.

Neonatal Transition in Anterior Wall Defects

Amy Schlegel, MD

2:15 - 2:45 p.m.

Shaping Outcomes: Plastic Surgery's Contribution to Anterior Wall Defects

Gregory Pearson, MD

2:45 - 3:15 p.m.

Break

3:15 - 3:45 p.m.

Panel Discussion: Anterior Abdominal Wall Defects- Putting It All Together

Bimal Chaudhari, MD MPH

Karen Diefenbach, MD

Oluseyi Ogunleye, MD

Amy Schlegel, MD

Stephanie Tseng, MD

Gregory Pearson, MD

3:45 - 4:15 p.m.

A Family Perspective: A Family's Journey with an Abdominal Wall Defect

4:15 - 4:30 p.m.

Evaluation & Adjourn

Credit Statement

Accreditation

In support of improving patient care, Nationwide Children's Hospital is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



Credit Designation Statement

The Nationwide Children's Hospital designates this live activity for a maximum of 19 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Faculty Disclosure

Nationwide Children's Hospital requires individuals in a position to control content of an educational activity to disclose to the learners all relevant financial relationships that they have with any commercial interest. The intent of this policy is to ensure accredited activities promote quality and safety, are effective in improving medical practice, are based on valid content, and are independent of control from commercial interests and free of commercial bias. All relevant conflicts were mitigated prior to participation in the activity. In addition, all faculty were instructed to provide balanced, scientifically rigorous, and evidence-based presentations.

Registration



<https://nationwidechildrens.cloud-cme.com/NEOFETAL25>

In Person and Livestream Virtual Registration options are available!

Note the conference is in real time only, eastern time zone.

Registration is available for one, two, or three days of the conference.

Please select your days of attendance during the registration process.

REGISTRATION CLOSES MAY 6, 2025.

Call for Abstracts

You are invited to submit a poster abstract for the 2025 Neonatal/ Fetal Conference: From the Womb and Beyond. Take this opportunity to highlight your institution's innovative quality, educational, safety or research projects. The abstract submission must be received by March 1, 2025

<https://nationwidechildrens.cloud-cme.com/NEOFETAL25>

Cancellation Policy

We are unable to accommodate requests to convert in-person registration to virtual participation after registration closes on Tuesday, May 6, 2025. Cancellations received in writing no less than 20 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to IPCE@NationwideChildrens.org. Nationwide Children's Hospital is not responsible for other costs incurred such as non-refundable airline tickets or hotel penalties.

Accessibility

Nationwide Children's Hospital is committed to ensuring that its programs, services, goods, and facilities are accessible to individuals with disabilities as specified under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Amendments Act of 2008. If you have needs that require special accommodations, including dietary concerns, please contact the Conference Coordinator.

Additional Information

Tracy Sferra, MS

Lead, Interprofessional Conference & Event Operations

Tracy.Sferra@NationwideChildrens.org

(614) 355-0682



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