



Hot Topics in Neonatology[®]

December 5-8, 2021

Gaylord National
National Harbor, Maryland

HYBRID CONFERENCE

Join us for TWO great conferences over four days.



Well Beyond Medicine

Hot Topics Goes HYBRID!

The COVID-19 pandemic has presented the world with many new challenges, including how best to provide clinical education in ways in which everyone is comfortable participating. Hot Topics rises to meet that challenge this year with a new HYBRID format, which will allow you to choose how you participate – either IN-PERSON or VIRTUALLY.

This new format combines the best of both the in-person and virtual worlds, allowing you – wherever you are – to participate in the conference as it takes place, or access the session library on the virtual platform for **three months** after the conference.

New This Year!

- Hybrid format provides flexible options for participation.
- Increased opportunities for interaction with faculty and fellow attendees.
- BOTH in-person and virtual conference attendees will have access to the online session library (session recordings) for **three months** after the event.
- Game On! is available to both in-person and virtual attendees through the virtual platform. You could win a free 2022 Hot Topics registration!

Learning Objectives

Our goal for *Neonatal Quality at Hot Topics* is to assist neonatal caregivers to find opportunities to improve the care of our patients and their families. This year's meeting will start with a morning focused on achieving equity through quality improvement. The morning will include a keynote lecture on addressing disparities in neonatal care at the national level, a talk on addressing disparities at the institutional level, and a panel discussion among experts on frameworks for equity-focused quality improvement. The afternoon will explore several current topics in neonatal quality, including quality improvement efforts for high-risk follow-up, the use of evidence-based guidelines to enhance quality improvement initiatives, and the intersection of implementation science and quality improvement. There will be ample time for questions and discussion throughout.

The faculty at *Hot Topics in Neonatology*® will review current levels of evidence and practice in the areas of neonatology and perinatology. The program will include talks and discussion on the newest research on the diagnosis, prevention and treatment of health problems in the neonate, as well as long-term follow-up for the NICU graduate. Hot Topics seeks to involve clinicians from around the globe in the debate around both existing and emerging therapies and neonatal science, with the goal of providing clinicians with implementable practice change.



General Information

Poster Showcase

The virtual poster showcase will take place throughout the entire conference on the virtual conference platform, from December 5-8, and will also be available online for 3 months after the conference. Posters must be on a subject relating to the field of neonatology. The primary contact person for abstracts which are selected for virtual posters will be required to register for the conference (in-person or virtually.) The conference will not provide an honorarium or reimburse travel, hotel and/or related expenses. The deadline for abstract submission is October 1, 2021. For more information on abstract requirements and submission, please check our website – www.HotTopics.org.

Accreditation

The Nemours Foundation is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Nemours Foundation designates this live activity for a maximum of *24.0 AMA PRA Category 1 Credits™*. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

A certificate of participation will be provided to other health care professionals requesting credits. Participants should ensure in advance that their credentialing or licensing organization accepts *AMA PRA Category 1 Credits™*.

Disclosure Policy

As a provider accredited by the ACCME, Nemours Children's must ensure balance, independence, objectivity and scientific rigor in its educational activities. All faculty involved in the development of CME content are required to disclose to Nemours their relevant financial relationships. An individual has a relevant financial relationship if he/she has a financial relationship in any amount occurring in the last 24 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control. Nemours Children's has policies in place to resolve potential financial conflicts of interest. Relevant financial relationships will be disclosed to the activity audience.

Exhibitors

Our exhibitors are looking forward to engaging with you! Visit exhibitors (in-person or virtually) to learn more about the companies providing the latest medical innovations and newest technologies for neonatal patients.

Commercial Support

This program may be supported in part by educational grants in accordance with ACCME Standards. At the time of this printing, a complete list of commercial supporters was not available. Appropriate acknowledgement will be given to all exhibitors and supporters in conference materials and at the time of the meeting.

Americans with Disabilities Act

In accordance with the Americans with Disabilities Act, Nemours Children's will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact the Office of Continuing Medical Education at least 15 days in advance of the program at 302.651.6750.

For More Information

Contact the Nemours Office of CME, 302.651.6750, or info@hottopics.org.

Registration

Advance registration is required and should be received by November 5, 2021. All registrations received by this date will be confirmed via email. Registration is limited and will be honored in the order of the date received. Please complete the registration form found online at www.HotTopics.org. You may use MasterCard, VISA, American Express or Discover Card to pay for your registration. Due to logistical hurdles created by the pandemic, we will not be accepting mail-in registrations/checks.

Group Registration

To register a group, please contact Betsy Lee, Group Registrar, at Betsy.Lee@nemours.org.

Registration Discount Available

There is a 10 percent discount on registration for early career neonatologists who are members of the Trainee and Early Career Neonatologist (TECaN) group of the AAP Section on Neonatal and Perinatal Medicine. The discount code will be shared directly with group members by TECaN. It is only available to attendees who register online at www.HotTopics.org with the discount code.

Conference Materials and Online Sessions

Registrants for both the in-person and virtual conferences will have access to all available conference materials through the virtual conference platform. The conference platform is available through any device with internet access anywhere in the world. Keep in mind that if viewed on a small screen like a cellphone, your experience may be less than optimal. We recommend that you use Google Chrome or Microsoft Edge as your browser if you are accessing from a computer.

In addition to the conference live stream, the conference platform includes the session library, poster showcase, virtual exhibition hall, PDFs of slides, bibliographies, faculty bios and other materials. Remember, the session library (recorded sessions) and poster showcase are available for three months after the conference. Recorded sessions will be available on the session library 24 hours after the live presentation. We will not be providing a print syllabus this year.

***Your unique-to-you conference password and URL for the conference platform will be emailed to you the week prior to the conference. It is very important that you register using an email address that you use frequently and will remember!**

Virtual Attendees

You may participate in the conference at the times listed in the agenda (Eastern Standard Time) on the virtual platform or view the recorded sessions in the session library for **three months** after the event. Recorded sessions will be available on the session library 24 hours after the live presentation.

Registration Fees

The conference registration fee for the *Hot Topics in Neonatology*[®]/*Neonatal Quality at Hot Topics* conferences is \$350 for all registrants* and includes a live stream of all four conference days, as well as the virtual conference platform and session library for both conferences.

*We are offering a special rate of \$100 for the VIRTUAL conference only for attendees from Low Income Countries as designated by the World Bank. Please see the conference website, www.HotTopics.org, for more information.

Cancellation Policy

The future of the COVID-19 pandemic is something that no one can predict. Due to the uncertainty caused by the pandemic, we have updated our cancellation policy.

Virtual conference registrations are **nonrefundable** but can be transferred to a colleague if you are no longer able to participate in the virtual event as it is live-streamed or by viewing the session library.

In-Person Attendees

COVID-19

We are aware that some attendees may have concerns about in-person vs. virtual attendance. Please be assured that we have your safety as our first priority. We request that all attendees for the in-person event be fully vaccinated against SARS CoV-2 and agree to follow all federal, state and local rules and regulations in regards to the COVID-19 pandemic while on-site, including masking and social distancing.

Due to complications caused by the pandemic, some faculty may be unable to travel to the Gaylord National and will present virtually instead. These virtual presentations will be streamed to the stage at the Gaylord at the same time they are being streamed to the virtual conference platform.

Site

The IN-PERSON program will be held at the Gaylord National in National Harbor, Maryland, just 20 minutes from downtown Washington, DC. Standing on the shores of the Potomac River, this stunning waterfront hotel offers convenient access to many of the area's most beloved attractions, including the Capital Wheel and MGM National Harbor[®], as well as the fabulous museums and restaurants that DC has to offer. The hotel's features include a 19-story glass atrium overlooking the river, full-service spa, restaurants, fitness center, indoor pool and jogging trail along the Potomac. (Availability of amenities subject to change due to COVID-19.)

For more information, please visit www.HotTopics.org and click on the hotel tab.

Accommodations

Rooms have been reserved at the Gaylord National at a special conference rate of \$249 per night single or double occupancy, not including sales tax. Please make your reservations through the www.HotTopics.org website or by calling Passkey/Groupmax Reservations at 1-888-789-3090. Please ask to be assigned to the Nemours/Hot Topics in Neonatology[®] room block in order to receive the special conference rate. The conference rate is only available for reservations made before **Monday, November 8, 2021**, and is based on availability.

The hotel often sells out well before the conference date. Please reserve your hotel room and make your conference registration early!

Virtual Conference Platform Access

In-person participants may also choose to participate in the conference at the times listed in the agenda (Eastern Standard Time) via the virtual platform from their hotel room or other venue or view the recorded sessions in the session library for **three months** after the event. Recorded sessions will be available in the session library 24 hours after the live presentation.

Registration Fees

The conference registration fee for the *Neonatal Quality at Hot Topics* Pre-Conference on Sunday, December 5 is \$50 for fellows and residents, \$100 for nurses and allied health, and \$200 for all other registrants.

The conference registration fee for *Hot Topics in Neonatology*[®] is \$525 for fellows, residents, nursing and allied health, and \$775 for all other registrants.

These fees include all course materials, virtual platform access and refreshments as noted on the schedule.

Cancellation Policy

Due to the uncertainty caused by the pandemic we have updated our cancellation policy. If you decide to cancel your in-person registration, we will be happy to switch you to a virtual event registration without charging a processing fee. You are eligible for a refund of the difference between the cost of your in-person registration and the price of a registration for the virtual conference. A refund, less than a \$100 processing fee, will be given for WRITTEN cancellations of your in-person registration received before November 5, 2021, if you decide not to switch to a virtual registration. No refunds will be given after this date.

Nemours Children's is not responsible for any cancellation or change fees assessed by hotels, airlines or travel agencies.



Nemours Children's Health System
is now **Nemours Children's Health.**

PRE-CONFERENCE SCHEDULE

Neonatal Quality at Hot Topics

Saturday, December 4

2-4 P.M. EARLY REGISTRATION

Sunday, December 5

WELCOME AND ACHIEVING EQUITY THROUGH QUALITY IMPROVEMENT

8 A.M. **Introduction And Welcome** – *Munish Gupta, MD, MMSc and Stephen A. Pearlman, MD, MSHQS*

8:15 A.M. **Keynote Address**
Start With the End in Mind: Strategies for Maintaining Health Equity in Perinatal Quality Improvement – *Wanda D. Barfield, MD, MPH, FAAP, RADM USPHS (ret.)*

9:15 A.M. **Addressing Disparities With QI Tools for Dismantling Racism** – *Renée Byfield, MS, RN, FNP, C-EFM*

10 A.M. **BREAK**

PANEL: FRAMEWORKS FOR EQUITY-FOCUSED QUALITY IMPROVEMENT

10:30 A.M. **Moderators** – *David Carola, DO, MSHQS and Lynn Fuchs, MD, MSHQS*

All QI Work Is Health Equity Work – *K. Casey Lion, MD, MPH*

Knowns and Unknowns: Data Considerations in Equity-Focused QI – *Vicky Reichman, MD, MPH*

Equity-Focused QI: From Concept to Practice – *Michelle-Marie Peña, MD*

NOON Lunch

NEW TARGETS FOR QUALITY IMPROVEMENT

1:30 P.M. **Opportunities for Quality Improvement in High-Risk Infant Follow-Up and NICU Follow-Through** – *Susan R. Hintz, MD, MS Epi*

2:15 P.M. **Doing the Right Things Right – Can Evidence-Based Clinical Practice Guidelines Enhance Quality Improvement Initiatives?** – *Souvik Mitra, MD, MSc*

3 P.M. **Implementing Improvements: Advancing Quality Improvement With Implementation Science** – *Amy Tyler, MD, MSCS*

3:45 P.M. **Lessons Learned and Things You Can Do Next Week** – *Munish Gupta, MD, MMSc and Stephen A. Pearlman, MD, MSHQS*

4 P.M. **Adjourn**

Pre-Conference Faculty

PLANNING COMMITTEE/ MODERATORS

David Carola, DO, MSHQS
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KEYNOTE SPEAKER

Wanda D. Barfield, MD, MPH, FAAP, RADM USPHS (ret.)
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National Center for Chronic Disease Prevention and Health Promotion
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Atlanta, Georgia

FACULTY

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Institute for Perinatal Quality Improvement

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Register online at www.HotTopics.org

Hot Topics in Neonatology®

Sunday, December 5

3-5 P.M. | EARLY REGISTRATION

Monday, December 6

7:45 A.M. | WELCOME AND INTRODUCTION

8 A.M. | FROM EVIDENCE TO PRACTICE

Moderator - *Barbara Schmidt, MD, MSc, CM*

- Applying Summary Results From Randomized Trials to Local NICUs - *Barbara Schmidt, MD, MSc, CM*
- Pros and Cons of Non-Inferiority Trials - *Lehana Thabane, PhD*
- When Should We Perform Individual Participant Data Meta-Analyses? - *Marie G. Gantz, PhD*

9:30 A.M. | BREAK/VISIT THE EXHIBIT HALL

10 A.M. | NATURAL EXPERIMENTS TO HIGHLIGHT THE IMPACT OF ENVIRONMENTAL FACTORS ON PERINATAL OUTCOMES AND CARE

Moderator - *Heather H. Burris, MD, MPH*

- Coal-Fired Power Plants and Perinatal Health: Evidence From a Natural Experiment - *Joan A. Casey, PhD*
- Changes in the Care of the Well Mother-Infant Dyad During COVID-19 - *Sara C. Handley, MD, MSCE*
- Sociopolitical Stressors and Preterm Birth - *Alison Gemmill, PhD, MPH*

11:30 A.M. | LUNCH/VISIT THE EXHIBIT HALL

1 P.M. | GREEN AND ROTTEN APPLES

Moderators - *Haresh Kirpalani, MD, MSc and Alejandra Barrero-Castillero, MD, MPH*

- Parent Presentation - *Kimberly Novod, MPA*
- Baby OSCAR Trial and Early Targeted Treatment of PDA - *Samir Gupta, MD, DM, FRCPC, FRCPI*
- Hemodynamic Dilemmas in the NICU - Is POCUS the Answer? - *Martin Kluckow, MBBS, FRACP, PhD*
- Antenatal Dexamethasone for Early Preterm Birth in Low-Resource Countries: The WHO ACTION Trials - *Olufemi Oladapo, MD, MPH, FWACS, FICS*

3 P.M. | BREAK/ VISIT THE EXHIBIT HALL

3:30 P.M. | STEROIDS FOR BPD: WHEN, HOW AND WHY?

Moderator - *Alan H. Jobe, MD, PhD*

- DART - What Would We Do Differently? *Lex W. Doyle, AO, MB BS, MSc, MD, FRACP*
- Prophylaxis: The French Trial - *Olivier Baud, MD, PhD*
- Moderately Early Targeted Hydrocortisone: The STOp-BPD Trial - *Wes Onland, MD, PhD*
- NRN Hydrocortisone Trial - *Kristi Watterberg, MD*

5:15 P.M. | ADJOURN

Tuesday, December 7

8 A.M. | INTERNATIONAL MEDICINE

Moderator - *Susan Niermeyer, MD, MPH*

- Overview of Global Neonatology and Advances in the Field - *Susan Niermeyer, MD, MPH*
- The Underutilization of Caffeine in Sub-Saharan Africa - *Helen Nabwera, BMedSci, BMBS, DTM&H, PhD, FHEA, FRCPC*
- Partnering to Improve Neonatal Care: Respiratory Distress Syndrome in the Ethiopian Neonatal Network - *Danielle Ehret, MD, MPH and Bogale Worku, MD*
- Providing Low-Cost and Effective Care in a Low-Resource Setting in Eastern Uganda: Making Every Newborn Count - *Kathy Burgoine, BMBS, MRCPCH, PhD*

10 A.M. | BREAK/VISIT THE EXHIBIT HALL

10:30 A.M. | KEYNOTE SESSION

Moderator - *Haresh Kirpalani, MD, MSc*

The Jerold F. Lucey, MD, Lectureship and Keynote Address

How Inequality Affects Physical, Mental and Social Health - *Richard Wilkinson, MMedSci, FFPH and Kate E. Pickett, PhD, FRSA, FFPH*

11:45 A.M. | LUNCH/VISIT THE EXHIBIT HALL

1:15 P.M. | FOLLOW UP

Moderator - *Susan R. Hintz, MD, MS Epi*

- Adult Outcomes Following Extremely Preterm Birth: Lessons From the Victorian Infant Collaborative Study in Australia - *Jeanie Cheong, MD*
- How Adult Outcome Studies Inform Us About How to Follow Up Neonatal Survivors of the NICU at 2 and 5 Years of Age? - *Dieter Wolke, PhD*
- Developing a Multi-Site Interprovincial Registry Combining Follow-Up and Dedicated Outcomes Research After Surgery for Critical Congenital Heart Defects in Early Life - *Charlene Robertson, MD, FRCP(C)*

2:45 P.M. | BREAK/ VISIT THE EXHIBIT HALL

3:15 P.M. | GREEN OR ROTTEN APPLES

Moderator - *Jay S. Greenspan, MD, MBA*

- Neonatal Lymphatics: Novel Advances in Diagnosis and Therapy - *Deborah Rabinowitz, MD*
- Kidney Support Therapy (Dialysis) for Neonates - *David Askenazi, MD, MSPH, FASN*
- The Potential for Precision Therapeutics in the Neonatal ICU - *Tamara Lewis, MD, PhD*

4:45 P.M. | DEBATE: LOST IN TRANSLATION

Moderator - *Avroy A. Fanaroff, MD*

- Lost in Translation: Applying Knowledge From Animal Studies to Human Patients - *Haresh Kirpalani, MD, MSc vs. Stuart Hooper, AM, PhD*

5:30 P.M. | ADJOURN

Wednesday, December 8

8 A.M. | PUSHING PRETERM NUTRITION SOONER AND TO HIGHER LEVELS - HOW MUCH NUTRITION IS ENOUGH?

Moderator - *William W. Hay Jr., MD*

- Introduction - *William W. Hay Jr., MD*
- Target Fortification - Achieving Desired Macronutrient Intake With Human Milk - *Niels Rochow, MD, PhD*
- Higher Protein, Higher Cognition? - *Sara Rameil, MD*
- Improved Outcomes Following Fetal Growth Curves - *Mandy Brown Belfort, MD, MPH*

9:45 A.M. | BREAK/VISIT THE EXHIBIT HALL

10:15 A.M. | ALTERNATIVE METHODS OF SURFACTANT ADMINISTRATION

Moderator - *Elizabeth Foglia, MD, MSCE*

- Surfactant Delivery via Thin Catheter in Preterm Infants With Respiratory Distress Syndrome: Results of the OPTIMIST-A Trial - *Peter A. Dargaville, MBBS, FRACP, MD*
- Aerosolized Calfactant for Newborns With Respiratory Distress - Least Invasive Surfactant Therapy - *George Albert, MD*
- LMA for Surfactant Administration - *Kari Roberts, MD*
- POPART Trial - *Colm O'Donnell, MB, FRCPI, PhD*

12:15 P.M. | ADJOURN



Faculty | Hot Topics In Neonatology®

CHAIRS

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KEYNOTE SPEAKERS

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Richard Wilkinson, MMedSci, FFPH

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SPEAKERS

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Professor of Pediatrics
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Colorado School of Public Health
Neonatologist
University of Colorado Hospital and Children's Hospital Colorado
Aurora, Colorado

Kimberly Novod, MPA

Parent Speaker
Founder and Executive Director, Saul's Light

Colm O'Donnell, MB, FRCPI, PhD

Consultant Neonatologist
National Maternity Hospital
Professor, School of Medicine, University College Dublin
Dublin, Ireland

Olufemi Oladapo, MD, MPH, FWACS, FICS

Head
Maternal and Perinatal Health Unit
UNDP-UNFPA-UNICEF-WHO-World Bank Special Program of Research, Development and Research Training in Human Reproduction (HRP)
Department of Sexual and Reproductive Health and Research (SRH)
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Wes Onland, MD, PhD

Pediatrician - Neonatologist
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Kristi Watterberg, MD

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