

# Advances in Neonatal-Perinatal Medicine

Wednesday, Oct. 26, 2022

This one-day program will provide neonatologists and neonatal healthcare providers with the most up-to-date information on a variety of complex physiologic issues in neonatology. Research and technology are constantly evolving. This program will review some of the latest therapies used in treating the sick neonate. Topics this year include care of the 22-week fetus, circadian biology and the neonate, discharge readiness for the NICU patient, steroid use in bronchopulmonary dysplasia, role of human factors in care delivery, and an update on fetal therapies.

**Convene at 30 South 17th Street  
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## General Information

The registration fee includes breakfast, breaks and lunch. Syllabus material will not be distributed at the conference, but will be available online at **chop.cloud-cme.com**.

## Conference Registration Fee — \$125

### Upon completion of this CME activity, participants will be able to:

1. Identify differences in management strategies when caring for infants born at 22-23 weeks gestation
2. Explain the importance of NICU discharge preparation and transition planning
3. Discuss how the disrupted circadian rhythm clock can affect human adaptation during illness
4. Identify congenital anomalies benefiting from fetal interventions
5. Define human factors and describe the application to neonatal resuscitation and tracheal intubation
6. Describe safety and efficacy data from randomized trials evaluating corticosteroids for BPD prevention
7. Discuss the key elements to consider when creating a NICU quality improvement program

## ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

## AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 6.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Nursing Statement

Nurses will receive a CME certificate of completion. Nurses may use CME category 1 credits for re-licensure in many states, as well as most re-certifications. Please check your state board and certifying body for re-licensure and re-certification requirements.

## Hotel Accommodations

The Westin Philadelphia, 99 South 17th Street at Liberty Place, Philadelphia, Pennsylvania, USA, 19103 is located directly across the street from the meeting location. To make reservations, contact The Westin directly at 215-563-1600.

## Cancellation and Refund Policy

Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children's Hospital of Philadelphia will refund any registration fees. In order to process refunds for course withdrawals, cancellation must be received in writing by Monday, Oct. 17, 2022. Refunds will be issued for the amount of registration minus a \$25 administrative fee. No refunds will be issued thereafter.

**PROGRAM | Wednesday, Oct. 26, 2022**

- 8 a.m.**            **Welcome and Introduction**  
*Eric Brandsma, MD*
- 8:15 a.m.**        **Advances in Limits of Viability: From Fetus to Neonate at 22 Weeks**  
*Jonathan M. Klein, MD*
- 9:15 a.m.**        **Leveraging Human Factors to Optimize Neonatal Resuscitation**  
*Heidi M. Herrick, MD, MSCE*
- 10 a.m.**           **Break/Visit Exhibits**
- 10:30 a.m.**      **Postnatal Corticosteroids to Prevent Bronchopulmonary Dysplasia: the Good, the Bad, and the Unknown**  
*Erik Jensen, MD, MSCE*
- 11:15 a.m.**      **The Benefit of NICU Discharge Planning Guidelines and Standards**  
*Vincent C. Smith, MD, PhD*
- Noon**             **Lunch/Visit Exhibits**
- 1:15 p.m.**        **Modifying the Neonatal ICU Environment: Lessons Learned from Circadian Biology**  
*John Hogenesh, PhD*
- 2:15 p.m.**        **Advances in Fetal Interventions for Complex Congenital Anomalies**  
*Julie S. Moldenhauer, MD*
- 3 p.m.**            **Break/Visit Exhibits**
- 3:15 p.m.**        **Tips and Tricks for Building a Robust NICU Quality Improvement Program**  
*Michael A. Posenchev, MD*
- 4:15 p.m.**        **Closing Remarks/Adjourn**

Unless otherwise noted, faculty is from Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

## Course Directors

### **Erik Brandsma, MD**

*Associate Medical Director, Transport and  
Medicine, Division of Neonatology  
Director, Infant Breathing Disorder Center  
Attending Neonatologist  
Assistant Professor of Clinical Pediatrics*

### **Janet Lioy, MD**

*Director, Neonatal Outreach Program  
Medical Director, Neonatal Airway Program  
Attending Neonatologist  
Professor of Clinical Pediatrics*

### **Patti O'Connor, RN, BSN, MS**

*Nurse Coordinator  
Neonatal Outreach Program  
Nurse Education Planner*

## Faculty

### **Heidi M. Herrick, MD, MSCE**

*Attending Neonatologist  
Instructor of Pediatrics*

### **Erik Jensen, MD, MSCE**

*Attending Neonatologist  
Assistant Professor of Pediatrics*

### **Julie S. Moldenhauer, MD**

*Medical Director, Garbose Family Special  
Delivery Unit  
Director of Obstetrical Services, Center for  
Fetal Diagnosis and Treatment*

### **Michael A. Posencheg, MD**

*Chief Medical Officer  
Associate Executive Director  
Penn Presbyterian Medical Center  
University of Pennsylvania Health System  
Professor of Clinical Pediatrics*

## Guest Faculty

### **John Hogenesh, PhD**

*Professor, Department of Pediatrics  
University of Cincinnati*

### **Jonathan M. Klein, MD**

*Stead Family Department of Pediatrics  
Medical Director, Neonatal Intensive Care Unit  
Medical Director, Nurse Practitioner Program,  
Neonatal Intensive Care Unit  
University of Iowa Stead Family Children's  
Hospital, Iowa City, Iowa  
Professor of Pediatrics*

### **Vincent C. Smith, MD, MPH**

*Boston University School of Medicine  
Division Chief of Newborn Medicine  
Department of Pediatrics  
Boston Medical Center  
Professor of Pediatrics*

## Conference Planning Committee

### **Erik Brandsma, MD**

### **Heather Burris, MD, MPH**

### **Kathleen Gibbs, MD**

### **Janet Lioy, MD**

### **Kristin McKenna, MD, MPH**

### **Patti O'Connor, RN, BSN, MS**

### **Jennifer Tioseco, MD**