



Delivery Room of the Future

A Conference Focused on Advances in
Delivery Room Care for Infants
with Congenital Anomalies

Friday, May 10, 2024

The HUB for Clinical Collaborations
on the Main Campus of
Children's Hospital of Philadelphia



**Children's Hospital
of Philadelphia®**

Breakthroughs. Every day.™

Course Overview

The field of Delivery Room Resuscitation is rapidly advancing. This conference will feature the latest patient-oriented research on topics related to delivery room management of infants with congenital anomalies. The objective of this conference is to enhance audience understanding of delivery room care of newborns with congenital anomalies, and to apply the latest information to their clinical practice.

Course Objectives

After completion of this course, participants should be able to:

- Recognize current challenges with applying the Neonatal Resuscitation Program algorithm to newborns with congenital anomalies
- Describe strategies for inter-professional teams to optimize delivery room care for newborns with congenital anomalies
- Identify applications of novel technologies to augment care in the delivery room

General Information and Registration Fees

The conference will be held at Children's Hospital of Philadelphia in the HUB Auditorium. The registration fee is \$200 and includes registration materials, continental breakfast, lunch and breaks.

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 6.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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, but is not responsible for any related costs, charges, or expenses to participants, including cancellation charges assessed by airlines or travel agencies. To process refunds for course withdrawals, cancellation must be received in writing by April 22, 2024. No refunds will be issued thereafter.

Services for People with Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

REGISTER ONLINE: [CHOP.CLOUD-CME.COM](https://chop.cloud-cme.com)

Program – Friday, May 10, 2024

7:30 a.m. Registration and Continental Breakfast

8 a.m. Welcome and Introduction
Elizabeth E. Foglia, MD, MA, MSCE
Anne M. Ades, MD, MSED
Natalie E. Rintoul, MD

KEYNOTE

8:10 a.m. Understanding the Physiology of Postnatal Transition
Graeme Polglase, PhD

RESEARCH IN THE DELIVERY ROOM

9 a.m. Challenges and Opportunities for Delivery Room Research
Elizabeth E. Foglia, MD, MSCE

9:20 a.m. Cord Management for Newborns with Cardiac Anomalies
Carl Backes, MD

9:40 a.m. Association Between Delivery Room Management and Balloon Atrial Septostomy for Infants with Transposition of the Great Arteries
Maria Niccum, MD

9:50 a.m. Cerebral Tissue Oxygenation During Transitional Physiology in Infants with Congenital Diaphragmatic Hernia
Kristen Coletti, MD

10 a.m. Panel Discussion

10:30 a.m. BREAK

TEAM PERFORMANCE AND HUMAN FACTORS

11 a.m. A Holistic Approach to Delivery Room Care of the Newborn: The Delivery Room of the Future Learning Health System
Anne M. Ades, MD, MSED

11:20 a.m. Learning to Navigate Uncertainty
Preston Cline, EdD

11:50 a.m. Leveraging Human Factors to Optimize Delivery Room Care
Heidi Herrick, MD, MSCE

12:15 p.m. Panel Discussion

12:45 p.m. LUNCH

INNOVATING TECHNOLOGY AND FUTURE ADVANCES

- 2 p.m. **Case EXTEND: The Science of EXTEND**
Alan W. Flake, MD
- 2:30 p.m. **From Idea to Implementation: Bringing Innovative Neonatal Technologies to Market**
Janene Fuerch, MD
- 3 p.m. **Innovative Delivery of Resuscitation Guidelines for Newborns with Congenital Anomalies**
Natalie E. Rintoul, MD
- 3:15 p.m. **A Clinical Outcomes Data Archive: A Focus on Efficiency and Validity**
Tom Reynolds, MFA, MBA
- 3:30 p.m. **Panel Discussion**
- 4 p.m. **Closing Remarks**
- 4:15 p.m. **Closing Reception**
- 5 p.m. **Conference Adjourns**



Course Directors

Anne M. Ades, MD, MSEd

Director, Neonatal Education and Simulation Testing (NEST)

Medical Co-director, Center for Simulation, Advanced Education, and Innovation

Medical Co-director, SDU Neonatal Service

Attending Neonatologist

Professor of Clinical Pediatrics

Elizabeth E. Foglia, MD, MA, MSCE

Attending Neonatologist

Harriet and Ronald Lassin Newborn/Infant Intensive Care Unit

Associate Professor of Pediatrics, Neonatology & Newborn Services

Natalie E. Rintoul, MD

Medical Director, Neonatal Surgical Service

Medical Co-director, SDU Neonatal Service

Medical Director, Neonatal ECMO Program

Attending Neonatologist

Professor of Clinical Pediatrics

Course Faculty

Carl Backes, MD

Attending Neonatologist and Cardiologist, Nationwide Children's Hospital (Columbus, OH)

Professor of Pediatrics, The Ohio State University College of Medicine

Preston Cline, EdD

Co-Founder and Principal at the Mission Critical Team Institute

Senior Fellow, Center for Leadership and Change Management, The Wharton School,

University of Pennsylvania

Kristen Coletti, MD

Fellow, Division of Neonatology

Alan W. Flake, MD

Director, Center for Fetal Research

Professor of Surgery, Obstetrics and Gynecology

Janene Fuerch, MD

Associate Director of Neonatal Resuscitation, Stanford Children's Health (Stanford, CA)

Assistant Director, Program Development, UCSF-Stanford Pediatric Device Consortium

Clinical Associate Professor, Neonatal and Developmental Medicine, Stanford Children's Health

Heidi Herrick, MD, MSCE

Attending Neonatologist

Maria Niccum, MD

Fellow, Division of Cardiology

Graeme Polglase, PhD

Deputy Centre Head, The Ritchie Centre

Research Group Head, Perinatal Transition

*Senior Research Fellow, Department of Obstetrics & Gynecology, Monash University
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Tom Reynolds, MFA, MBA

Business Manager, Center for Fetal Diagnosis and Treatment

Conference Planning Committee

Anna Bostwick, MPH

Clinical Research Coordinator, Center for Fetal Diagnosis and Treatment

Patricia O'Connor, RN, MS

Nurse Coordinator, Neonatal Outreach Program



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