

## Course Description

Over the past decade, respiratory support has transitioned to a model of less invasive support. However, as noninvasive respiratory support has become commonplace challenges have emerged. Challenges include the selection of appropriate modes of support as well as the ability to provide appropriate developmental care. Additionally, recognizing the appropriate indications for and management of conventional and high frequency mechanical ventilation remains paramount. This conference will present state-of-the-art strategies that can ensure respiratory care of the preterm infant is optimized.

## Target Audience

This conference is designed for physicians, nurse practitioners, nurses and other health professionals providing intensive care and/or follow-up care for critically ill neonates.

## Learning Objectives

- Illustrate a culture of neonatal care surrounding the use and maintenance of nasal CPAP (nCPAP) that allows for optimization of neurodevelopmental and respiratory outcomes in preterm infants requiring prolonged noninvasive respiratory support
- Compare the safety and efficacy of nasal CPAP (nCPAP) with other noninvasive ventilatory support devices for initial and subsequent respiratory support
- Summarize the evidence that guides the initiation and management of key aspects of mechanical ventilation in preterm infants with RDS
- Discuss the evidence-based benefits and risks associated with high frequency ventilation (HFV) as an initial mode of respiratory support in preterm infants and the indications and management strategies for use of HFV as a rescue mode of respiratory support

## Accommodations

A list of nearby hotels may be obtained by visiting [www.cincinnatichildrens.org](http://www.cincinnatichildrens.org) and searching lodging.

## Questions?

Contact the CME office at 513.636.6732 or [cme@cchmc.org](mailto:cme@cchmc.org).

## Accreditation



In support of improving patient care, Cincinnati Children's Hospital Medical Center 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.

**CME:** Cincinnati Children's designates this live activity for a maximum of 3.75 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**ABP MOC Part 2:** Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 4.0 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to the ACCME for the purpose of granting ABP MOC credit.

**Nursing:** This activity is approved for a maximum 3.9 continuing nursing education (CNE) contact hours.

**Respiratory Therapy:** Respiratory Therapists are able to self-claim CEU's using a certificate of attendance.



# Neofest 2019: Respiratory Support of the Preterm Infant

Friday, March 8, 2019

Cincinnati Children's  
Sabin Auditorium, Location D

## Conference Faculty

### Shawn K. Ahlfeld, MD

Assistant Professor, University of Cincinnati  
Department of Pediatrics  
Division of Neonatology and Pulmonary Biology  
Cincinnati Children's

### Alan H. Jobe, MD, PhD

Professor, University of Cincinnati  
Department of Pediatrics  
Director, Division of Perinatal Biology  
Cincinnati Children's

### Mark C. Mammel, MD

Professor of Pediatrics  
University of Minnesota

### Donald M. Null, MD

Professor of Pediatrics, UC Davis  
NICU Medical Director  
UC Davis Children's Hospital

### Rakesh Sahni, MBBS

Professor of Pediatrics, Columbia University  
Medical Center  
NICU Medical Director, New York-Presbyterian/  
Morgan Stanley Children's Hospital

### Clyde J. Wright, MD

Associate Professor, University of Colorado  
Denver  
Perinatal Research Center  
Children's Hospital Colorado

## AGENDA

11:00 am - 12:00 pm

### Registration, Exhibits, & Lunch

12:00 pm - 12:05 pm

### Welcome

*Alan H. Jobe, MD, PhD*

12:05 pm - 1:00 pm

### Optimization of Developmental Care and Maintenance of Effective nCPAP in Preterm Infants Requiring Prolonged Noninvasive Respiratory Support

*Rakesh Sahni, MBBS*

1:00 pm - 1:55 pm

### Selection of the Appropriate Device to Provide Noninvasive Ventilatory Support

*Clyde J. Wright, MD*

1:55 pm - 2:10 pm

### Break/Exhibits

2:10 pm - 3:05 pm

### Selection and Management of Modes of Conventional Mechanical Ventilation

*Mark C. Mammel, MD*

3:05 pm - 4:00 pm

### Indications for the Use of High Frequency Ventilation

*Donald M. Null, MD*

4:00 pm - 4:15 pm

### Closing Remarks & Evaluation

*Shawn K. Ahlfeld, MD*

## Registration

Online registration for this conference is required.

To register online:

1. Visit [www.cincinnatichildrens.org/CME](http://www.cincinnatichildrens.org/CME)
2. Click "course" on the upper right hand side
3. Find "Neofest" in the list of Live Courses

Credit card and electronic check transactions will be processed at the time of registration

To pay by hard copy check, please register online as described above, complete the following form, and submit form and payment to the address below.

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Make checks payable to: **CCHMC-CME**

Please remit your form and payment to:

**Cincinnati Children's CME Office**  
**3333 Burnet Ave, MLC 3003**  
**Cincinnati, OH 45229**

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## Conference Fee

### Physicians:

\$75 before February 20, 2019

\$90 after February 20, 2019

### APNs, Nurses and Allied Health Professionals

\$50 before February 20, 2019

\$65 after February 20, 2019

### Medical Residents and Fellows

FREE

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