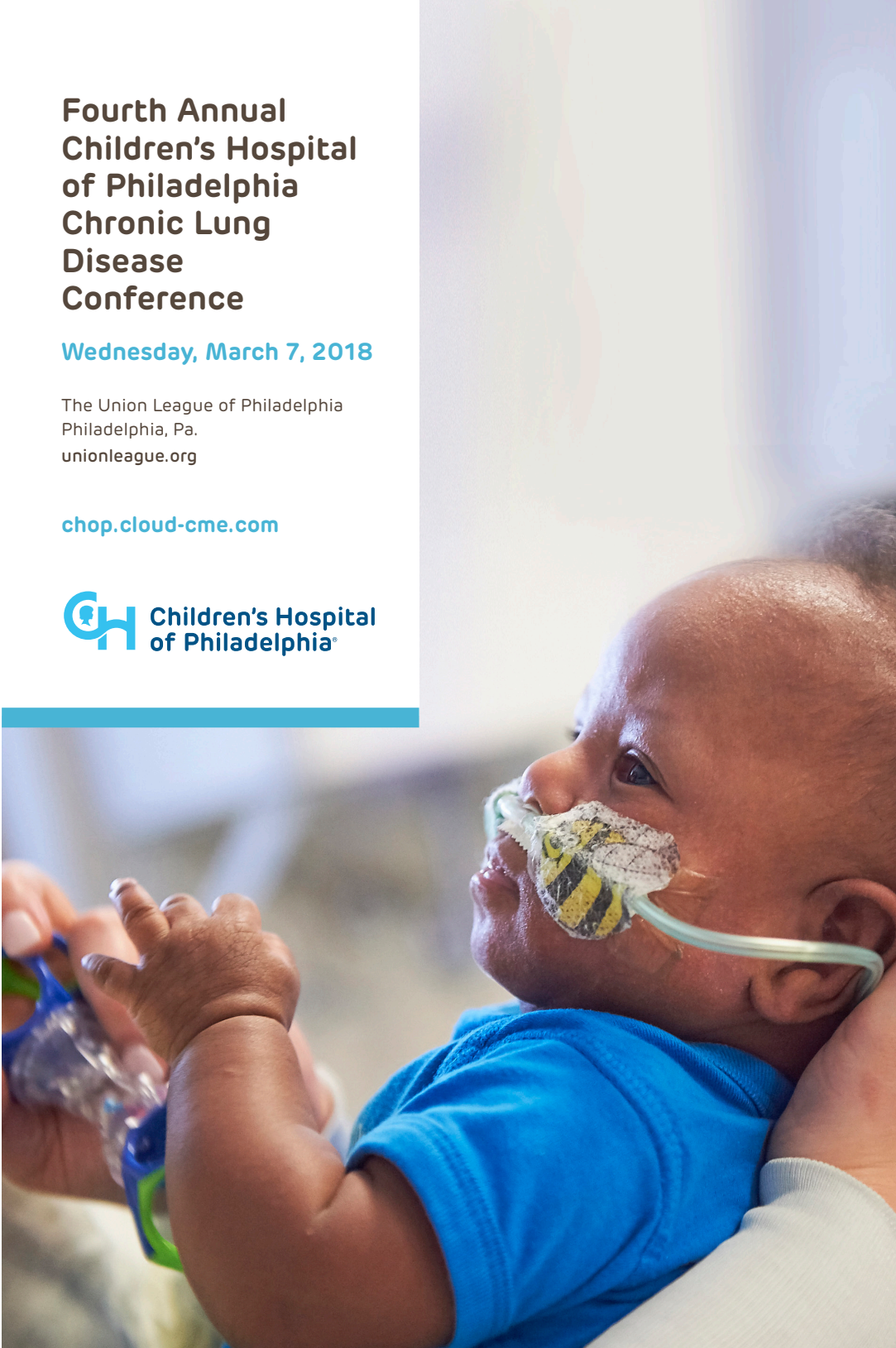


# Fourth Annual Children's Hospital of Philadelphia Chronic Lung Disease Conference

Wednesday, March 7, 2018

The Union League of Philadelphia  
Philadelphia, Pa.  
[unionleague.org](http://unionleague.org)

[chop.cloud-cme.com](http://chop.cloud-cme.com)



## COURSE OVERVIEW

Severe chronic lung disease (CLD) of infancy, also known as bronchopulmonary dysplasia (BPD), is the most common chronic complication of premature birth. It affects approximately 25 percent of preterm infants with birth weights less than 1,500 grams and more than 50 percent of infants weighing less than 750 grams. Infants with BPD frequently require lengthy hospital stays and costly post-discharge medical care. A diagnosis of BPD is strong predictor of long-term impairment in lung function, cardiovascular health, growth and neurodevelopment.

Management of infants with severe CLD/BPD presents a unique challenge due to its multisystem involvement and common association with multiple non-lung comorbidities. A coordinated, evidence-based, multidisciplinary team approach is crucial to achieve the best outcomes for this high-risk population. Ideally, this strategy includes cohesive management between neonatal and pediatric care providers to facilitate high-level continuity of care during the transition to home and throughout the child's life.

This multidisciplinary course is intended for physicians, advanced practice nurses, physician assistants, nurses, respiratory therapists and other members of the healthcare team such as occupational therapists, physical therapists, speech-language pathologists, pharmacists, dietitians and social workers who provide care for patients with CLD/BPD and their families. This course will explore the pathophysiology, current research and key aspects of the management of severe CLD, including diagnostic and treatment options. This course will also discuss the long-term needs of infants with severe CLD, highlighting the chronic nature of this illness extending beyond the neonatal period.

## GENERAL INFORMATION

The conference will be held Wednesday, March 7, 2018, at the Union League of Philadelphia. Registration will begin at 7:30 a.m. The registration fee includes continental breakfast, buffet lunch and program materials.

## COURSE OBJECTIVES

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

- Describe the current concept strategies in the management of infants with severe BPD/CLD
- Discuss the impact of pulmonary hypertension on the morbidity and mortality of the infant with BPD/CLD
- Describe the use of sedation management of neonates with severe BPD/CLD
- Explore transition to the home environment for infants requiring a tracheostomy and mechanical ventilation
- Explore potential promising new therapies in neonates with severe BPD/CLD

## REGISTRATION FEE

The registration fee for physicians is \$200.

For trainees, nurses and all other members of the healthcare team the fee is \$150.

## MEETING LOCATION

The Union League of Philadelphia is located on Avenue of the Arts in the heart of Center City. It is just 20 minutes from the Philadelphia International Airport and within walking distance of exclusive shopping, world-class restaurants, art museums and historical sites. The Union League of Philadelphia is one of the nation's most historic private clubs. The league was founded in 1862 as a patriotic society to support policies of President Abraham Lincoln during the Civil War. It has hosted U.S. presidents, heads of state, industrialists, entertainers and visiting dignitaries from around the globe. It has evolved over time to become one of the most respected institutions in the country, overwhelmingly rich in history and tradition.

## HOTEL ACCOMMODATIONS

Children's Hospital of Philadelphia has reserved a block of rooms with reduced rates at The Inn at the League, 1450 Sansom St., Philadelphia, Pa. The Inn at the League has recently renovated, four-diamond quality hotel rooms and suites in the same building as the conference. The group rates are \$215 single and double occupancy plus a 7 percent room tax. Participants are required to make their own hotel reservations by calling The Inn directly at 215-587-5570. Please mention the name of this conference when making your reservations. This special room rate will be available until Wednesday, Feb. 7. After that date, reservations will be accepted on a space and rate availability basis.

## DRESS CODE AT THE UNION LEAGUE

The dress code at the Union League ([unionleague.org](http://unionleague.org)) is business casual, which is defined as a collared shirt and slacks for men and appropriate attire for women. Jeans, other denim wear, athletic attire, T-shirts, shorts, baseball caps or sneakers are not permitted in the Union League.

## ACCME ACCREDITATION STATEMENT

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

## AMA CREDIT DESIGNATION STATEMENT

Children's Hospital of Philadelphia designates this live activity for a maximum 6.75 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with their participation in the activity.

## CONTINUING NURSING EDUCATION APPROVED PROVIDER STATEMENT

Children's Hospital of Philadelphia is an approved provider of continuing nursing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This conference will provide a maximum of 7.0 continuing nursing education contact hours of which 1.5 are pharmacology hours.

## SPEECH THERAPY CEU STATEMENT

 <p>APPROVED PROVIDER ASHA CONTINUING EDUCATION AMERICAN SPEECH-LANGUAGE HEARING ASSOCIATION</p>	<p>The Children's Hospital of Philadelphia is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.</p>
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ASHA: This program is offered for .7 CEUs (Intermediate level, Professional area). Instructional Personnel Disclosures, financial and nonfinancial, can be found at [chop.cloud-cme.com](http://chop.cloud-cme.com).

## CLINICAL NUTRITION CPEU STATEMENT

Children's Hospital of Philadelphia is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). Registered Dietitians (RDs) and Dietetic Technicians (DTRs), will receive 7.0 continuing education credits (CPEUs) pending approval, upon completion of this course.

## PHYSICAL THERAPY CEU STATEMENT

Application has been made to the New Jersey State Board of Physical Therapy Examiners and the Pennsylvania State Board of Physical Therapy Examiners.

## SOCIAL WORK CONTINUING EDUCATION CREDIT STATEMENT

CHOP is a pre-approved provider of continuing education credits for Pennsylvania Licensed Social Workers, Marriage and Family Therapists, and Professional Counselors. Participants licensed in Pennsylvania who attend the full workshop and complete the required evaluation are eligible for 7.0 continuing education credits. Participants licensed in other states should check with local licensing boards to determine continuing education approval.

## PHARMACY ACCREDITATION STATEMENT



This knowledge-based activity is co-sponsored by the Nesbitt School of Pharmacy at Wilkes University. The Nesbitt School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Amount of continuing education credit is 7 hours. ACPE universal activity number is 0097-9999-17-039-LO1-P. Successful completion requires evaluation of each session attended. The evaluation form must be completed and returned at the conclusion of the program.

## OCCUPATIONAL THERAPY ACCREDITATION STATEMENT

Children's Hospital of Philadelphia is an approved provider of continuing education by the American Occupational Therapy Association, Inc. *6.5 contact hours or .65 AOTA CEUs will be awarded to participants at the completion of the program.* Assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA. Approved Provider Number: 4878. *Appropriate for Intermediate-level Occupational Therapists.*



**APPROVED PROVIDER of  
CONTINUING EDUCATION**  
by The American Occupational  
Therapy Association, Inc.

Course falls under category of Domain of OT and Occupational Therapy Process.

## RESPIRATORY ACCREDITATION STATEMENT

Pending approval from The American Association for Respiratory Care, this conference will be eligible for 7.5 Continuing Respiratory Care Education contact hours.



The educational content of this program has been endorsed by the PSRC.

## 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/travel agencies. In order to process refunds for course withdrawals, cancellation must be received in writing by Wednesday, Feb. 28, 2018. Refunds will be issued for the amount of registration minus a \$35 administrative fee. No refunds will be issued thereafter.

## SERVICES 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.

## PROGRAM | WEDNESDAY, MARCH 7, 2018

7:30 a.m. Registration and Continental Breakfast

7:50 a.m. Welcome, Introduction and Program Overview

### *Current State of Bronchopulmonary Dysplasia*

*Moderator: David Munson, MD*

8 a.m. Defining and Caring for Bronchopulmonary Dysplasia in the 21st Century

*Leif D. Nelin, MD, FAAP*

8:45 a.m. Bronchopulmonary Dysplasia-associated Pulmonary Hypertension

*Steven H. Abman, MD*

9:30 a.m. Discussion and Questions

9:45 a.m. Break/Visit Vendors

### *The Next Horizon*

*Moderators: Erik A. Jensen, MD, MSCE*

10:15 a.m. Update on Observations of Liquid Ventilation in Bronchopulmonary Dysplasia Patients

*William W. Fox, MD*

10:45 a.m. Stem Cell-based Therapies for Bronchopulmonary Dysplasia: A New Hope

*Bernard Thébaud, MD, PhD*

11:30 a.m. Discussion and Questions

11:45 a.m. Lunch

### *The Chronic Struggle*

*Moderator: Jason Z. Stoller, MD*

1 p.m. Tracheostomy: Parent Decision-making and Transitioning Home on Mechanical Ventilation

*Joanne Stow, CRNP, CORLN*

1:30 p.m. A Word from Your Tour Director:  
Nursing Care of the Infant with Chronic Lung Disease

*Kara Harris, RN, BSN*

2 p.m. Yes, We Will! No, We Won't! Should We?:  
Sedation Management in Chronic Lung Disease

*Heather M. Monk-Bodenstab, PharmD; Joanne Patykula, MSN, CRNP, NNP-BC*

2:45 p.m. Discussion and Questions

3 p.m. Break/Visit Vendors

### *Bronchopulmonary Dysplasia Care Management*

*Moderator: William W. Fox, MD*

3:15 p.m. Sharing Similarities, Discussing Differences:  
Management of Infants with Severe Bronchopulmonary Dysplasia  
at Two Large National CLD/BPD Centers

*Edward G. Shepherd, MD – Nationwide Children's Hospital*

*Huayan Zhang, MD – Children's Hospital of Philadelphia*

4:30 p.m. Discussion and Questions

4:45 p.m. Closing Remarks, Course Summary and Adjournment

*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**

### **Kathleen A. Nilan, RN**

*Nurse Coordinator*

*Newborn and Infant Chronic Lung Disease Program*

*Harriet and Ronald Lassin Newborn/Infant Intensive Care Unit (N/IICU)*

### **Huayan Zhang, MD**

*Director, Newborn and Infant Chronic Lung Disease Program*

*Attending Neonatologist*

*N/IICU*

*Associate Professor of Clinical Pediatrics*

## **COURSE FACULTY**

### **William W. Fox, MD**

*Director, Infant Breathing Disorder Center*

*Attending Neonatologist*

*N/IICU*

*Professor Emeritus of Pediatrics*

### **Kara Harris, RN, BSN**

*Clinical Nurse II*

*N/IICU*

### **Erik A. Jensen, MD, MSCE**

*Attending Neonatologist*

*N/IICU*

*Assistant Professor of Clinical Pediatrics*

### **Heather M. Monk-Bodenstab, PharmD**

*Clinical Pharmacist*

*N/IICU*

### **David Munson, MD**

*Attending Neonatologist*

*Medical Director, N/IICU*

*Associate Professor of Clinical Pediatrics*

### **Joanne Patykula, MSN, CRNP, NNP-BC**

*Nurse Practitioner*

*Division of Neonatology*

### **Jason Z. Stoller, MD**

*Attending Neonatologist*

*N/IICU*

*Associate Professor of Clinical Pediatrics*

### **Joanne Stow, CRNP, CORLN**

*Nurse Practitioner*

*Division of Otolaryngology*

## GUEST FACULTY

### **Steven H. Abman, MD**

*Director, Pediatric Heart Lung Center  
Children's Hospital Colorado  
Professor, Department of Pediatrics  
University of Colorado School of Medicine*

### **Leif D. Nelin, MD, FAAP**

*Dean W. Jeffers Chair in Neonatology  
Nationwide Children's Hospital  
Professor and Chief of Neonatology  
Department of Pediatrics  
The Ohio State University*

### **Edward G. Shepherd, MD**

*Section Chief, Neonatology  
Medical Director, Neonatal Services Respiratory Therapy  
Medical Director, Critical Care Transport  
Nationwide Children's Hospital  
Associate Professor of Clinical Pediatrics  
The Ohio State University College of Medicine*

### **Bernard Thébaud, MD, PhD**

*Senior Scientist, Ottawa Hospital Research Institute  
Neonatologist, Children's Hospital of Eastern Ontario  
University of Ottawa Partnership Research Chair in Regenerative Medicine  
Professor of Pediatrics  
University of Ottawa*

## CONFERENCE PLANNING COMMITTEE

Emily Bingham, RD, CNSC-LDN  
Meghan Burkhardt, MS, OTR/L  
Jayne LaFrennie Celeste, RN  
Erin Coleman, RN, BSN  
Kevin Dysart, MD  
Regina Flynn-Roth, MSN, RN-BC, *Nurse Planner*  
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Jason Z. Stoller, MD  
Elissa Truitt, MSSA, LSW  
Julia Welc, MA, CCC-SLP  
Audrey Wood, PT, MS, DPT, PCS

**REGISTER ONLINE:  
[CHOP.CLOUD-CME.COM](http://CHOP.CLOUD-CME.COM)**