

Third Annual
**Chronic Lung Disease Conference:
A Multidisciplinary Approach**

Thursday, March 16, 2017



Taylor, 19 months

Ruth and Tristram Colket, Jr.
**Translational Research
Building**
*Children's Hospital
of Philadelphia*

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Course Information

Course Overview

Severe Chronic Lung Disease (CLD) of Infancy or Bronchopulmonary Dysplasia (BPD) is a major complication of premature birth affecting approximately 25 percent of preterm infants with birth weights less than 1,500 grams and 50 percent of infants weighing less than 750 grams at birth. This debilitating lung disease carries high costs in terms of medical utilization and lengthy hospital stays with persistent respiratory illness, pulmonary hypertension, delayed growth and development. In addition to significant morbidities, poor long-term neurodevelopmental outcomes are common.

Management of infants with severe CLD/BPD is extremely challenging due to multisystem involvement and multiple factors influencing the presentation of chronic lung disease. Therefore, a coordinated, evidenced-based, multidisciplinary team approach to the management of infants with severe CLD is crucial to achieving improved outcomes for this high-risk population. Care strategies can be challenging during the NICU stay and frequently these challenges continue throughout the child's life.

This course is intended for physicians, advanced practice nurses, physician assistants, nurses, respiratory therapists, and the other members of the multidisciplinary team including occupational therapists physical therapists, speech-language pathologists, dietitians and social workers who provide care for patients with CLD/BPD. This course will explore the pathophysiology, current research and major clinical aspects of severe CLD management including diagnostic and treatment options. This course will also discuss the long-term needs of this population.

General Information

The conference will be held in the Ruth and Tristram Colket Jr., Translational Research Building at Children's Hospital of Philadelphia. The registration fee is \$125 and includes continental breakfast, breaks, lunch, parking and syllabus material.

Course Objectives

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

- Recognize the importance, and components of a multidisciplinary approach to care for infants with severe BPD/CLD
- Describe the complexities of care for management of acute and chronic phases for infants with severe BPD/CLD

- Examine the evidence-based approaches to care for the preterm infant in an effort to prevent and treat BPD/CLD
- Describe the current and future state of ventilatory management of the infant with severe BPD/CLD
- Discuss the impact of pulmonary hypertension on the morbidity and mortality of the BPD/CLD patient
- Explain the potential application of liquid ventilation in neonates with severe BPD/CLD
- Describe trunk pressures (intra-abdominal and intra-thoracic) as critical support for the concurrent needs of breathing and postural stability.

Hotel Accommodations

A block of rooms with reduced rates has been reserved at the Sheraton University City Hotel, 36th and Chestnut streets, Philadelphia, Pa. 19104. The group rates are \$172 single and double occupancy plus a 15.5 percent room tax. Participants are required to make their own hotel reservations by calling the hotel directly at 888-627-7071 or 215-387-8000. Please mention the name of this conference when making your reservation. The special room rate will be available until Feb. 13, 2017. After that date, reservations will be accepted on a space and rate availability basis.

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, less a \$25 service charge, 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 Monday, March 6, 2017. No refunds will be issued thereafter.

Services for the Disabled

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.

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 7.0 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with their participation in the activity.

Nursing Accreditation 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

Respiratory Accreditation Statement

Pending Approval from The American Association for Respiratory Care, this conference will be eligible for 7.0 Continuing Respiratory Care Education contact hours.

Speech Therapy CEU Statement

APPROVED PROVIDER



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.

ASHA: This program is offered for .7 CEUs (Intermediate level, Professional area). Instructional Personnel Disclosures, financial and non-financial, can be found at 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, registered (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.

Occupational Therapy AOTA CEU Statement

7.0 contact hours or .7 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

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 completed 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.



Taylor, 1 day old

Program – Thursday, March 16

- 7:30 a.m. Registration and Continental Breakfast
- 7:50 a.m. Welcome, Introductions and Program Overview
- 8 a.m. How Much Evidence Is There to Prevent, or Treat BPD?
Hareesh Kirpalani, MD
- 9 a.m. Comprehensive Evaluation for Infants with Severe Bronchopulmonary Dysplasia: Crucial for Successful Treatment
Huayan Zhang, MD
- 10 a.m. Break/Visit Exhibits
- 10:15 a.m. The Will to Live
Tammy Hughes — Taylor's mom
- 11 a.m. It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension
Brian D. Hanna, MD, PhD
- Noon Lunch
- 1 p.m. Keynote Speaker**
Linked: Breathing and Postural Control
Mary Massery, PT, DPT, DSc
- 2 p.m. Communication and the Chronic Patient: Managing Caregivers' Expectations in the CLD Population
Heidi Morris, MMS, PA-C
Ma Luisa Hasiuk, MSW, LCSW
Kathleen Nilan, RN
- 2:45 p.m. Break
- 3 p.m. Ventilation Strategies and BPD: "Getting Loopy"
David A. Munson, MD
- 3:45 p.m. Neonatal Liquid Ventilation: "Liquid Gold"
William W. Fox, MD
- 4:30 p.m. Closing Remarks/Course Summary/Adjourn

Course Faculty

Unless otherwise noted, faculty is from Children's Hospital of Philadelphia and 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

Attending Neonatologist

Medical Director

*Newborn and Infant Chronic Lung Disease Program
N/IICU*

Associate Professor of Pediatrics

Course Faculty

William W. Fox, MD

Attending Neonatologist

Director, Infant Breathing Disorders Center

N/IICU

Professor Emeritus of Pediatrics

Brian D. Hanna, MD, PhD

Director, Section of Pulmonary Hypertension,

Division of Cardiology

Clinical Professor of Pediatrics

Ma Luisa Hasiuk, MSW, LCSW

Social Worker

Haresh Kirpalani, BM, MRCP, FRCP, MSc

Attending Neonatologist

Program Director, Newborn and Infant Chronic

Lung Disease Program

Professor of Pediatrics

Heidi Morris, MMS, PA-C

Physician Assistant

Department of Neonatology

David A. Munson, MD

Attending Neonatologist

Medical Director, N/IICU

Associate Professor of Pediatrics

Kathleen A. Nilan, RN

Nurse Coordinator

*Newborn and Infant Chronic Lung Disease
Program, N/IICU*

Huayan Zhang, MD

Attending Neonatologist

Medical Director

N/IICU

Associate Professor of Pediatrics

Guest Faculty

Tammy Hughes

Mom of Taylor, a former N/IICU patient

Conference Planning Committee

Emily Bingham RD, CNCS, LDN

Meghan Burkhardt, MS, OTR/L

Jayne LaFrennie Celeste, RN

Erin Coleman, RN, BSN

Regina Flynn-Roth, MSN, RN-BC

Ma Luisa Hasiuk, MSW, LCSW

Sarah McConnell, MA, CCC/SLP

Natalie Napolitano, MPH, RRT-NPS, FAARC

Patti O'Connor, RN, BSN, MS

Joanne Patykula, MSN, CRNP, NNP-BC

Elizabeth Paul, RD, CSP, CNCS, LDN

Suzanne Shepard PT, DPT, PCS

Elissa Truitt, MSSA, LSW

Julia Welc, MA, CCC/SLP

Audrey Wood, PT, MS, DPT, PCS

Keynote Speaker

Mary Massery, PT, DPT, DSc

Dr. Massery received her BS degree in Physical Therapy from Northwestern University in 1977, her DPT from the University of the Pacific in 2004 and her DSc from Rocky Mountain University in 2011. Her publications and interests focus on linking motor behaviors to breathing and/or postural mechanics in both pediatric and adult patient populations.

Dr. Massery has been invited to give more than 800 professional presentations in 49 U.S. states, nine Canadian provinces, and 15 countries worldwide, including more than 100 presentations for the American Physical Therapy Association. Dr. Massery has delivered keynote and major addresses on topics such as cystic fibrosis and posture, neuropulmonary deficits, pectus excavatum (chest deformities), and connections between posture and breathing.

Dr. Massery has received national awards from the APTA, including its highest clinical award, The Florence Kendall Practice Award, honoring “one’s outstanding and enduring contributions to the practice of physical therapy.” She has been honored as Outstanding Alumnus of the Year by each of her three alma maters. And in 2016, she was awarded Northwestern University’s Alumnae Research Achievement Award. Dr. Massery continues to maintain a private practice in Chicago, specializing in breathing and postural dysfunction.

Ruth and Tristram Colket, Jr. Translational Research Building



Registration

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Register online at
chop.cloud-cme.com

