Third Annual Chronic Lung Disease Conference: A Multidisciplinary Approach

Thursday, March 16, 2017

The Children’s Hospital of Philadelphia

Chop.cloud-cme.com

Course Faculty

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
NIHCUS
Associate Professor of Pediatrics

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.

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Conference Planning Committee

Emily Bagharia RD, CDNS, CDN
Meghan Bittner, MS, OTR/L
Jeanne Laffoon Carter, RN
Eri Colman, RN
Helen Etheridge, MS, RN, BC
Sofia Gaitanas, MS, LSW
Suda McCumber, MA, CCCC
Nicole Mills, MS, RN, CPNP, FA/PEC
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Taylor, 19 months

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Guest Faculty

Tommy Haley
Evan’s mom, a former NICU patient

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Director, Infant Breathing Disorders Center
Emergency Team
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

Hank Kangpaisal, BM, MBChB, FRCP: MS:
Attending Neonatologist
Program Director, Newborn and Infant Chronic Lung Disease Program

Heidi Morris, MMS, PA-C
Physician Assistant
Department of Neonatology

Ruth and Tristram Colket, Jr. Translational Research Building

Children’s Hospital of Philadelphia

3401 Civic Center Boulevard
Philadelphia, PA 19104-4399
Program – Thursday, March 16

Register online at chop.cloud-cme.com

Taylor, 1 day old

7:30 a.m. Registration and Continental Breakfast

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

8 a.m. "How Much Evidence Is There to Prevent, or Treat BPD?"

8:45 a.m. Strategies to Prevent Pulmonary Hypertension in the NICU

9 a.m. "Communication and the Chronic Patient: Managing Caregivers’ Expectations"

10 a.m. "It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension"

10:15 a.m. The Will to Live (reveal Baby Taylor’s story)

11 a.m. "Welcome, Introductions and Program Overview"

11:30 a.m. "Physical Therapy CPEU Statement"

Register online at chop.cloud-cme.com

The registration fee is $125 and includes continental breakfast, breaks, lunch, parking and syllabus material.

Course Information

General Information

The conference will be held at the Hildreth-Evens Center of Children's Hospital of Philadelphia, 3rd and Chestnut Streets, Philadelphia, PA 19102. All conference materials, program, and meals will be held at this location.

Cancellation and Refund Policy

Children's Hospital of Philadelphia’s cancellation policy is based on its commitment to ensure the highest quality of continuing education for its participants. Therefore, all cancellations or requests for refunds must be received in writing by Hildreth-Evens Center of Children's Hospital of Philadelphia at least 10 business days before the start of the course. No refunds will be issued to participants who attend the full workshop and fail to claim credits.

Tuition: The registration fee is $125. This includes all course materials, continental breakfast, breaks, lunch, and parking.

Course Objectives

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

- Describe the importance, and consequences, of a multidisciplinary approach to care for infants with severe BPD/CLD
- Describe the clinical course of a premature infant with severe BPD/CLD
- Discuss the factors that may influence the quality of care for infants with severe BPD/CLD
- Compare and contrast the acute and chronic phases for infants with severe BPD/CLD
- Discuss the potential applications of liquid ventilation in infants with severe BPD/CLD
- Examine the evidence-based approaches to care for infants with severe BPD/CLD
- Describe the potential applications of liquid ventilation in infants with severe BPD/CLD
- Discuss the impact of pulmonary hypertension on the quality of care for infants with severe BPD/CLD
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AGENDA

7:30 a.m. Introduction, Welcome, and Program Overview

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3 p.m. Break

3:30 p.m. Ventilation Strategies and BPD: “Getting Loupy”

4:35 p.m. Neonatal Liquid Ventilation: “Liquid Gold”

6:30 p.m. Closing Remarks/Course Summary/Adjourn
Course Overview

This course is designed for health care professionals who provide care for patients with CLD/BPD. The course will explore the pathophysiology, current research and major clinical aspects of severe CLD. The course will provide an understanding of the complexities of care of infants with severe CLD/BPD and the other members of the multidisciplinary team throughout the child’s life.

The course will also address the long-term sequelae of the NICU stay and frequently these challenges continue throughout the child’s life.

This course is intended for physicians, advanced practice nurses, physicians assistants, nurses, respiratory therapists and the other members of the multidisciplinary team including—professional therapists, physical therapists, occupational therapists, social workers, psychologists, dietitians, 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 and the complexities of care for the overall multidisciplinary team. The course will also address the long-term sequelae of the NICU stay and frequently these challenges continue throughout the child’s life.

General Information

The conference will be held at the Hotel and Conference Center, Children’s Hospital of Philadelphia, 34th and Civic Center Boulevard, Philadelphia, PA 19104. The group rates are $125/triple 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 CLD/BPD.
- Describe the complexities of care management of infants who have experienced CLD/BPD and includes recommendations for discharge planning.
- Discuss the current and future state of ventilatory strategies for infants who have severe CLD/BPD.
- Examine the evidence-based approaches to care for the prevention in order to prevent and treat BPD.

Course Information

Registration

The registration fee is $125 and includes continental breakfast, breaks, lunch, parking and syllabus material. Register online at chop.cloud-cme.com.

Program – Thursday, March 16

7:30 a.m. Registration and Continental Breakfast

8:00 a.m. Welcome, Introductions and Program Overview

8:45 a.m. How Much Evidence Is There to Prevent, or Treat BPD? Haresh Kirpalani, MD

9:24 a.m. Communication and the Chronic Patient: Managing Caregivers’ Expectations Heidi Morris, MMS, PA-C

10:15 a.m. The Will to Live (or, What to Expect When Your Baby Speaks) Taylor, 1 day old

11:00 a.m. It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension Brian D. Henne, MD, PhD

Noon Lunch

1 p.m. Keynote Speaker

Link: Breathing and Postural Control

2 p.m. It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension

3 p.m. How Much Evidence Is There to Prevent, or Treat BPD? Haresh Kirpalani, MD

4:30 p.m. Closing Remarks/Course Summary/Adjourn

Tayler, 1 day old
Program – Thursday, March 16

7:30 a.m.   Registration and Continental Breakfast
8 a.m.   “How Much Evidence Is There to Prevent, or Treat BPD?”
          William W. Fox, MD
8:30 a.m.   Welcome, Introductions and Program Overview
9 a.m.   “It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension”
          David A. Munson, MD
9:45 a.m.   “Comprehensive Evaluation for Infants with Severe Bronchopulmonary Dysplasia: How Much Evidence Is There to Prevent, or Treat BPD?”
          Mary Massery, PT, DPT, DSc
10 a.m.   “How Much Evidence Is There to Prevent, or Treat BPD?”
          Tammy Hughes — Taylor’s mom
10:45 a.m.   Break/Visit Exhibits
11 a.m.   “Communication and the Chronic Patient: Managing Caregivers’ Expectations”
          Heather Morris, MAH, MA-C
11:15 a.m.   “It Is Time to Get Serious About Prematurity-related Pulmonary Hypertension”
          Mary Massery, PT, DPT, DSc
12 p.m.   Lunch
1 p.m.   Keynote Speaker
          Link: Breathing and Postural Control
          Mark Wieczorkiewicz, MD
1:30 p.m.   “Linking Postural Control and Breathing: the Why and How”
          Rachel Friedman, PT, DPT
1:45 p.m.   “Linking Postural Control and Breathing: the Why and How”
          David A. Munson, MD
2 p.m.   Communication and the Chronic Patient: Managing Caregivers’ Expectations in the CLD Population
          Tammy Hughes — Taylor’s mom
2:15 p.m.   “Linking Postural Control and Breathing: the Why and How”
          Rachel Friedman, PT, DPT
3 p.m.   Lung Ventilation Strategies and BPD: “Getting Loopy”
          David A. Munson, MD
3:30 p.m.   Neonatal Liquid Ventilation: “Liquid Gold”
          William W. Fox, MD
4:30 p.m.   Closing Remarks/Course Summary/Adjourn

Course Overview

This is a unique opportunity to learn from and interact with experts in the field of chronic lung disease (CLD). The course will focus on the long-term sequelae of CLD in infants born weighing less than 750 grams at birth. This debilitating lung disease carries high costs in terms of medical utilization, length of stay, and neurodevelopmental and emotional outcomes. In addition to significant morbidities, CLD also contributes to achieving improved outcomes for this high-risk population. Therefore, a coordinated, evidenced-based, multidisciplinary team approach to the management of infants with CLD of infancy is critical to achieving improved outcomes for this high-risk population. This course is intended for physicians, advanced practice workers who provide care for patients with CLD/BPD. This course will explore the pathophysiology, current options, and the evidence-based approaches to care for the management of infants with CLD of infancy. The course will also discuss the long-term sequelae of CLD and include clinical procedures by AOTA. Assignment of AOTA CEUs does not imply endorsement of specific course content, products or services. This program is offered for .7 CEUs. Physicians should claim only the credit commensurate with their participation in the activity.

General Information

The conference will be held at the Hyatt Regency, 3450 Market Street, Philadelphia, PA 19130, located at 34th and Chestnut Street. All sessions will be held in the Hyatt Regency Conference Center. This conference will be eligible for American Nurses Credentialing Center’s Commission on Accreditation for Continuing Education (ACCME) to provide continuing medical education for physicians.

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 RDS.
- Describe the complications of care for management of acute illness and chronic sequelae for infants with severe RDS.
- Recognize the importance and components of a multidisciplinary approach to care for infants with severe RDS.

Registration

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Disorders of Infants with Severe Lung Disease
Professor of Pediatrics
Continuing Medical Education Department

Brian D. Hanna, MD, PhD
Director, Section of Pulmonary Hypertension
Division of Cardiology
Clinical Professor of Pediatrics

Ma Luisa Hasiuk, MSW, LCSW
Social Worker

Hans Koppalaj, BM, MRCR, FRCP; MS
Attending Neonatologist
Newborn and Infant Chronic Lung Disease Program

Hajeet Moosa, MD, BS, C
Nurse Coordinator
Department of Neonatology

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Keynote Speaker

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Taylor, 19 months

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Management of chronic lung disease (CLD) is a challenging task due to multisystem involvement and multiple factors influencing the presentation of chronic lung disease. Therefore, a coordinated, comprehensive approach to the management of infants with CLD is crucial. This course will explore the pathophysiology, assessment and major goals of acute and chronic phases for infants with severe BPD/CLD.

Describe the potential application of liquid ventilation to neonates

The management of CLD is evidenced-based, multidisciplinary team approach to achieving improved outcomes for this high-risk population. This course will also discuss the long-term needs of this population.

Describe trunk pressures (intra-abdominal and intra-thoracic) as critical support for the concurrent needs of respiratory, digestive, metabolic, and renal systems.

The will to live—Comprehensive Evaluation for Infants with Severe Bronchopulmonary Dysplasia: How much evidence is there to prevent, or treat BPD?

The management of infants with severe CLD is crucial evidenced-based, multidisciplinary team approach to the management of infants with CLD is crucial. This course will explore the pathophysiology, assessment and major goals of acute and chronic phases for infants with severe BPD/CLD.

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