Course Faculty

Course Directors
Huayan Zhang, M.D.
Attending Neonatologist
Medical Director
Newborn and Infant Chronic Lung Disease Program
Harriet and Ronald Lassin Newborn/Infant Intensive Care Unit (N/IICU)
Division of Neonatology
Assistant Professor of Clinical Pediatrics
Kathleen A. Nilan, R.N.
Nurse Coordinator, Newborn and Infant Chronic Lung Disease Program, N/IICU
Kelsey Frickertick, R.N., B.S.N.
Nurse Coordinator, Newborn and Infant Chronic Lung Disease Program, N/IICU

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Lori A. Brittingham, M.S.N., R.N.
Clinical Supervisor, N/IICU
NANN Developmental Specialist
Kevin Dysart, M.D.
Associate Medical Director, N/IICU
Associate Professor of Clinical Pediatrics
Rachel Hopper, M.D.
Attending Physician, Pulmonary Hypertension Service
Assistant Professor of Pediatrics
Howard Panitch, M.D.
Director, Clinical Programs
Director, Technology Dependence Center
Division of Pulmonary Medicine
Professor of Pediatrics
Audrey Wood, P.T., M.S., D.P.T., P.C.S.
Physical Therapist III, N/IICU

Conference Planning Committee
Jessica Bordner, B.S.N., R.N.C.
Meghan Burkhardt, M.S., O.T.R./L.
Patricia Clifford, M.S.N., R.N.C.
Patti O’Connor, R.N., B.S.N., M.S.
Elizabeth Paul, R.D., C.S.P., C.N.S.C., L.D.N.
Maureen Sheehan, R.N., B.S.N.
Elissa Truitt, M.S.S.A., L.S.W.
Audrey Wood, P.T., M.S., D.P.T., P.C.S.

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

Hotel Accommodations
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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 215-390-5383.
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 prematures infants with birth weights less than 1500 grams and 50 percent of infants weighing less than 750 grams at birth. The debilitating lung disease causes high costs in terms of medical remission and lengthy hospital stays with persistent respiratory illness, pulmonary hypertension, and delayed growth and development. In addition to significant morbidity, poor long-term neurodevelopmental outcomes are common.

Management of infants with CLD/BPD is extremely challenging due to multifaceted infants and multiple factors influencing the presentation of lung disease. Therefore, a coordinated, evidence-based, multidisciplinary team approach to the management of infants with BPD is crucial to achieving improved outcomes for this high-risk population.

This course is intended for the multidisciplinary team (nurses, respiratory therapists, occupational therapists, physical therapists, speech-language pathologists, social workers, dietitians) that provides 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.

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

- Identify known risk factors associated with the development of pulmonary vascular disease in the setting of CLD/BPD and understand the dynamic nature within the lung that makes this syndrome difficult to manage.
- Identify the unique nutritional needs of the CLD population, including treatment and management of infant and aspiration.
- Discuss the ongoing development of CHOP’s CLD program as well as current program data and future goals.
- Discuss the role of palliative care in the management of patients with end-stage CLD.
- Describe the developmental needs of infants with CLD and identify strategies to maximize their neurodevelopmental potential.

Course Information

Program – Tuesday, March 10

7:30 a.m. • Registration and Continental Breakfast

8 a.m. • Welcome and Introductions

8:15 a.m. • Management of BPD: A Multidisciplinary Approach for a Multisystem Disease

9:30 a.m. • Break/Visit Exhibits

10 a.m. • Mechanical Ventilation Challenges in Established BPD

11 a.m. • Palliative Care and BPD

1 p.m. • Diagnosis and Treatment of Pulmonary Hypertension in Chronic Lung Disease

2 p.m. • Developmental Care for the Patient with Chronic Lung Disease: Complex and Challenging Care Studies

3 p.m. • Break/Visit Exhibits

3:15 p.m. • Nutritional Support for the Infant with BPD

4:15 p.m. • Complex and Challenging Case Studies

4:30 p.m. • Closing Remarks

Adjourn

Course Faculty

CHOP will be applying for six CPEUs for dietitians for this activity.

Respiratory CEU Statement

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

Nursing CEU Statement

The activity has been submitted to the PA State Nurses Association for approval to award contact hours. The PA State Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Commission on Accreditation.

ASHA CEUs

ASHA: This program is offered for .65 CEUs (Intermediate level, Professional area). Instructional Materials, including financial and non-financial, can be found at www.chop.edu/cme.

Clinical Nutrition CEU Statement

CHOP will be applying for six CPEUs for dietitians for this activity.

Physical Therapy CEU Statement

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

Occupational Therapy CEU Statement

Six contact hours or 6.0 ACTA CEUs will be awarded to participants at the completion of the program. Assignment of ACTA CEUs does not imply endorsement of specific course content, products or clinical procedures by ACTA. Approved Provider Number: 4678 — Appropriately for Intermediate-Level Occupational Therapists.

Social Work CEU Statement

CHOP is a preapproved 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 6.25 continuing education credits. Participants licensed in other states should check with local licensing boards to determine continuing education approval.

Registration

A Breath of Fresh Air: A Chronic Lung Disease Conference

Tuesday, March 10, 2015

Registration Deadline: Monday, March 2, 2015

Name

M.D. • C.R.N.P. • R.N. • R.T. • P.T. • O.T. • Speech • Dietitian

Social Worker • Other

Specialty

Institution

Home Address

City ____________________________________________ State ________ ZIP ____________

Fax. 215-590-4342

Phone ______________________________ Fax ________________________________

Personal check

Institutional check

VISA

American Express

Credit Card # ____________________________

Refer to Conference Faculty page
Severe Chronic Lung Disease (CLD) of Infancy or Bronchopulmonary Dysplasia (BPD) is a major complication of prematurity and is affecting approximately 25 percent of preterm infants with birth weights less than 1500 grams and 50 percent of infants weighing less than 750 grams at birth. The debilitating lung disease carries high costs in terms of medical utilization and lengthy hospital stays with persistent respiratory illness, pulmonary hypertension, and delayed growth and development. In addition to significant morbidity, poor long-term neurodevelopmental outcomes are common.

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This course is intended for the multidisciplinary team (nurses, respiratory therapists, occupational therapists, physical therapists, speech-language pathologists, social workers, dietitians) that provides care for patients with CLD/BPD. This course will explore the pathophysiology, current research, and major clinical aspects of severe CLD/CLD management, including diagnostic and treatment options.

Course Objectives

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

- Identify known risk factors associated with the development of pulmonary vascular disease in the setting of CLD/BPD and understand the dynamic changes within the lung that make this syndrome difficult to manage.
- Define the unique nutritional needs of the CLD population, including treatment and management of intractable and aspiration.
- Discuss the ongoing development of CHOP's CLD program as well as current program data and future goals.
- Discuss the role of palliative care in the management of patients with end-stage CLD.
- Discuss the nutritional needs of infants with CLD and identify strategies to maximize their neurodevelopmental potential.

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Course Information

A Breath of Fresh Air: A Chronic Lung Disease Conference

Tuesday, March 10, 2015

Registration Deadline: Monday, March 2, 2015

Name ________________________________

Address _________________________________________________________________

City __________________________ State ______ ZIP ______

Email ____________________________________________________________________

Phone ______________________________ Fax _________________________________

Institution ________________________________________________________________

Method of Payment

q Personal check  q MasterCard  q American Express  q VISA

Credit Card # ______________________________________________________________

Exp. Date __________

Mail or fax the completed registration form and payment to:

Ms. Micah Holliday

Continuing Medical Education

The Children’s Hospital of Philadelphia

34th Street and Civic Center Boulevard

Philadelphia, PA 19104

215-590-5CME

Fax: 215-590-6342

hollidaydm@email.chop.edu

Register online at www.chop.edu/cme
Upon completion of this course, participants should be able to:

- Describe the developmental needs of infants with CLD/BPD
- Discuss the role of palliative care in the management of CLD/BPD
- Identify known risk factors associated with the development of pulmonary vascular disease in the setting of CLD/BPD and understand the dynamic nature within the lung that makes this syndrome difficult to manage
- Identify the unique nutritional needs of the CLD population, including treatment and management of reflux and aspiration
- Discuss the ongoing development of CHOP’s CLD program as well as current program data and future goals
- Discuss the role of palliative care in the management of patients with end-stage CLD
- Describe the developmental needs of infants with CLD and identify strategies to maximize their neurodevelopmental potential

### Course Information

**Course Overview**

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### Program – Tuesday, March 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
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</tr>
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<td>Palliative Care and BPD David X. Muenown, M.D.</td>
</tr>
<tr>
<td>Noon</td>
<td>Lunch/Visit Exhibits</td>
</tr>
<tr>
<td>1 p.m.</td>
<td>Diagnosis and Treatment of Pulmonary Hypertension in Chronic Lung Disease Rachel Hopper, M.D.</td>
</tr>
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<td>2 p.m.</td>
<td>Developmental Care for the Patient with Chronic Lung Disease: Complex and Challenging Case Studies Lori A. Brittingham, M.S.N., R.N.; Audrey Wood, P.T., M.S., D.P.T., P.C.S.</td>
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<tr>
<td>3:15 p.m.</td>
<td>Nutritional Support for the Infant with BPD Kevin Dwyer, M.D.</td>
</tr>
<tr>
<td>4:15 p.m.</td>
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<tr>
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### Registration

**A Breath of Fresh Air: A Chronic Lung Disease Conference**

**Tuesday, March 10, 2015**

**Registration Deadline:** Monday, March 2, 2015

- **Name:**
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  - [ ] C.R.N.P.
  - [ ] R.N.
  - [ ] R.T.
  - [ ] P.T.
  - [ ] O.T.
  - [ ] Speech
  - [ ] Dietitian

- **Social Worker**
  - [ ] Other

- **Specialty:**
  - [ ] [ ]

- **Institution:**
  - [ ]

- **Home Address:**
  - City ____________________________ State __________ ZIP __________

- **Phone:**
  - Fax ____________

**Conference Registration Fee:** $125

**Method of Payment**

- [ ] Personal check
- [ ] International check
  - Please make check payable to The Children’s Hospital of Philadelphia
- [ ] Discover
- [ ] MasterCard
- [ ] American Express
- [ ] Visa

**Credit Card # ____________

Exp. Date ____________

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Patricia Clifford, M.S.N., R.N.C.
Natalie Napolitano, M.P.H., R.T.T.-N.P.T., F.A.A.R.C.
Patti O’Connor, R.N., B.S.N., M.S.
Elizabeth Paul, R.D., C.S.P., C.N.S.C., L.D.N.
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