

Neonatal Conference

November 10, 2010
Hotel Northampton

Objectives

TARGET AUDIENCE:

This program is designed for obstetricians, neonatologists, pediatricians, pediatric cardiologists, geneticists, pediatric & neonatal nurse practitioners, nurse midwives, neonatal and pediatric critical care nurses, LDRP, nursery and pediatric nurses, case managers, occupational and physical therapists, and respiratory therapists.

WHY ATTEND?

- Congenital cardiovascular defects, also known as congenital heart defects(CHD), are the number 1 birth defect in the United States and the number one killer of infants with birth defects. The incidence of CHD ranges between 4 and 10 per 1,000 births. As many as 1/3rd of these newborns will be critically ill and require critical care and cardiac intervention in the first weeks of life. (American Heart Association)
- Although the reason CHD occur is presumed to be genetic, only a few genes have been discovered that have been linked to the presence of heart defects such as Down's syndrome and Turner's syndrome.
- Heart defects also are common in children with a variety of inherited disorders, such as Noonan syndrome.
- Depending on the type of CHD the initial signs and symptoms may be mild while other CHD may present with a severe clinical presentation of marked cyanosis, respiratory distress, and rapid progression to advanced states of shock.
- Prompt, effective care of these CHD newborns will reduce potential organ damage, improve the short and long term outcomes and reduce mortality.
- Updating both the knowledge and skills of individuals caring for these neonates as well as improving systems within and between facilities needs updating as research continues to expand.

GOAL

The goal of this one day program is to provide attendees with increased knowledge of the diagnosis and management of common cardiac and genetic defects seen in the newborn.

LEARNER OBJECTIVES

By participating in this program you should be able to:

1. Describe at least three congenital cardiovascular defects seen in children.
2. Discuss the clinical presentation of six cardiac defects. (septal defects, obstruction to pulmonary flow; obstruction to systemic outflow; transposition of the great arteries, truncus arteriosus and SVT.
3. Describe the options for medical and surgical management of cardiac lesions.
4. Describe at least three common genetic defects seen in children (Trisomies 18 and 21, 22q11 Deletion Syndrome, and Williams Syndrome).
5. Describe the clinical presentation and diagnostic process of three common genetic disorders seen in children.
6. Explain the role of the genetic counselor in pre- and post-natal diagnosis of birth defects and genetic syndromes.

Program

- 8:00 Registration, Exhibits and Continental Breakfast**
- 8:20 Welcome and Introduction**
- 8:30 Cardiac Defects in Children**
Michael Willers, MD
- 10:45 Coffee Break**
- 11:00 Pre Operative Assessment**
Patricia O'Brien, MSN, CPNP-AC
- 11:30 Post Operative Issues**
Dot Beke, RN, MS, CPNP-PC/AC
- 12:00 Questions and Discussion**
Morning Speakers
- 12:15 Lunch**
- 1:00 Genetic Defects in the Newborn**
Mary Alice Abbott, MD, PhD
- 2:00 Genetic Counseling**
Kristin Dalton, BS, MS, CGC
Jan Sullivan, RN, MS
- 3:00 Break**
- 3:15 Parent Panel**
- 3:45 Q & A**
Afternoon Speakers
- 4:00 Adjourn**

Faculty

Mary Alice Abbott, MD, PhD*
Assistant Professor of Pediatrics
Tufts University School of Medicine
Chief, Medical Genetics Division
Department of Pediatrics

Dorothy M. Beke, RN, MS, CPNP-PC/AC*
CICU Clinical Nurse Specialist
Children's Hospital Boston

Kristin Dalton, BS, MS, CGC*
Genetic Counselor
Department of Pediatrics
Baystate Children's Hospital

Patricia O'Brien, MSN, CPNP-AC*
Nurse Practitioner, Cardiology
Boston Children's Hospital

Jan Sullivan, RN, MS*
Clinical Coordinator Pediatric Genetics
Baystate Medical Center

Michael Willers, MD*
Assistant Professor of Pediatrics
Tufts University School of Medicine
Director, Pediatric Exercise Physiology Laboratory
Pediatric Cardiologist
Baystate Medical Center

PLANNING COMMITTEE

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Registration

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FIRST NAME _____
PROFESSION _____
HIGHEST PROFESSIONAL DEGREE _____
SPECIALTY _____
INSTITUTIONAL AFFILIATION _____ HOME PHONE _____ WORK PHONE _____
HOME ADDRESS _____ CITY _____ STATE _____ ZIP CODE _____
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ENTER YOUR CE ID NUMBER in ONE of the boxes to the right. Use your CE ID number to register for courses, access your CE transcript/credits, and confirm your registration.

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The Western Campus
of Tufts University
School of Medicine

PLEASE POST

7th Annual Neonatal Conference Genetic and Cardiac Defects: Our Make Up and What Makes Us Tick

Sponsored by The Davis Neonatal Intensive Care Unit at Baystate Children's Hospital, and Baystate Continuing Education. An educational grant for this program has been provided by the March of Dimes

baystatehealth.org/learn

Wednesday
November 10, 2010

Hotel Northampton
Northampton, MA

Credits

PHYSICIANS

Baystate Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

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SPECIFIC AIDS OR SERVICES

Please call Baystate Continuing Education at 413-322-4242, if under the Americans with Disabilities Act, you require specific aids or services during your visit to this continuing education program.

YOUR COMFORT

Meeting room temperatures will fluctuate. Please dress in layers and bring a sweater.

For additional course listings and your transcript go to baystatehealth.org/learn

Location

This conference will be held at The Hotel Northampton, 36 King Street, Northampton, Massachusetts. The hotel phone numbers are (800) 547-3529 or (413) 584-3100.

From Boston and East:

Take Mass Turnpike West (I-90) to exit 4 (I-91 North) to exit 18. Take a left at the bottom of the ramp onto Route 5. The Hotel is on the left just past the first light (approximately 1 mile).

From Albany and West:

Take Mass Turnpike East (I-90) to exit 4 (I-91 North) and follow from above.

From NYC, Bradley International Airport, and South:

Take I-91 North (to Massachusetts) to exit 18 and follow from above.

From Vermont and North:

Take I-91 South (to Massachusetts) to exit 20. Merge onto Route 5 & King Street. The Hotel is on the right (approximately 1.5 miles).

Registration

TUITION

Through 10/26/10

On-line	Mail
\$99	\$109

After 10/26/10

On-line	Mail
\$109	\$119

Tuition includes lunch, and afternoon refreshment break.

YOU CAN REGISTER TWO WAYS:

On-line: at baystatehealth.org/learn

Baystate Employees: Click the returning user link. Your user ID is your EN number.

Be sure to include EN

Baystate Attending Physicians: Click the returning user link. Your user ID is your PN number.

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New Users: Select your course, complete the user profile, and complete the registration process. Your CE ID number and course confirmation will be e-mailed to the address you entered during registration.

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