Program Overview:
This symposium is designed to provide practitioners who care for newborns with the most up-to-date knowledge of issues that are commonly encountered in critically ill neonates.

Target Audience:
Neonatologists, Pediatricians, Neonatology Fellows, Neonatology Nurse Practitioners, Neonatal Intensive Care Unit Nurses and Pediatric Residents.

This symposium will highlight current concepts of prevention and management of problems in the newborn infant. The goal of this symposium is to provide attendees with tools to improve quality of care for newborns. To achieve this goal we will provide an in-depth educational program that focuses on the importance of the preventive approach in minimizing medical complications and optimizing continuity of care for high-risk infants and their families.

Objectives:
The symposium will provide attendees with an up-to-date knowledge of the latest developments in neonatal care that will guide evidence-based changes in practice and performance to improve the outcomes of common problems in the newborn.

By the end of this conference, providers should be able to:
- Ability to describe algorithms of Persistent Pulmonary Hypertension of the Newborn (PPHN)
- Describe and understand outcomes of Bronchopulmonary dysplasia – pulmonary hypertension
- Review the goals of treatment for neonatal abstinence syndrome
- Explore emerging debates regarding optimal management of neonatal abstinence syndrome
- Explain how different monitoring and documentation of apnea of prematurity affects length of stay
- Define potential risks of apnea and intermittent hypoxia to neurodevelopment
- Practice restraint in routine provision of treatments intended to achieve closure of a patent ductus arteriosus
- Differentiate vaccine hesitancy from vaccine refusal
- Advise a family traveling outside the US about vaccines
- Describe the primary components of the EXTEND system
- Discuss potential clinical applications for the EXTEND system
- Explore the potential for near-infrared spectroscopy (NIRS) in Necrotizing Enterocolitis (NEC) and GI ischemia
- Describe the clinical, hormonal, genetic, and radiographic evaluation of the newborn with ambiguous genitalia
- Explain the role that biomarkers of brain injury can have in the care of critically ill newborns
- Describe brain injury biomarkers in current clinical care in the NICU

Mission Statement:
St. Christopher's Hospital for Children strives to provide a variety of continuing medical education programs for physicians, physicians-in-training, and other health care professionals that are structured to foster life-long learning by utilizing the principles of adult education. These educational programs are designed to meet specific needs applicable to the rapidly changing healthcare environment.

Accreditation:
St. Christopher's Hospital for Children is accredited by the Pennsylvania Medical Society to provide continuing medical education for physicians. St. Christopher's Hospital for Children designates this live activity for a maximum of 6.25 AMA PRA Category 1 credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the educational activity.

Nursing Accreditation:
St. Christopher's Hospital for Children 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. Up to 6.1 contact hours will be awarded for participation in this program.

Cancellations and Refunds:
No refunds or cancellations will be issued for this conference. All funds made payable to the St. Christopher’s Foundation for Children will go to support research and education.

Conflict of Interest:
Faculty and all other speakers who have the ability to control the content of continuing medical education activities sponsored by St. Christopher’s Hospital for Children are expected to disclose to the audience whether or not they have any real or apparent conflict(s) of interest or other relationships related to the content of their presentation(s). Dr. Balsara has disclosed that she is an investor with Uronexus. Any real or apparent conflict of interest has been reviewed and resolved for this activity through the Office for CME disclosure review process. All other speakers, planners and moderators have nothing to disclose for this live event.

St. Christopher’s Hospital for Children presents:
The 22nd Annual Conference
A Day With The newborn:
“An INVESTMENT IN Our Future”

Friday, January 31, 2020

Keynote Speaker:
Robin H. Steinhorn, MD
Professor of Pediatrics, Neonatal-Perinatal Medicine
George Washington University
School of Medicine
Senior Vice President,
Children’s National Health System,
Center for Hospital Based Specialties

PROGRAM DIRECTOR:
Maria Delivoria-Papadopoulos, MD

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University of Pennsylvania School of Medicine  
Professor of Pediatrics, Physiology and OB/GYN  
Drexel University College of Medicine  
The Ralph W. Brenner Chair in Pediatrics  
St. Christopher's Hospital for Children

7:15 Registration and Coffee

7:45 Welcome  
Ingrid McGovern  
Chief Nursing Officer  
St. Christopher's Hospital for Children

Introduction:  
Renee M. Turchi, MD, MPH  
Interim Pediatrician-in-Chief  
St. Christopher's Hospital for Children  
Interim Chair, Department of Pediatrics  
Drexel University College of Medicine

8:00 Current Approach to Pulmonary Hypertension in the Newborn  
Robin H. Steinhorn, MD  
Professor of Pediatrics  
Neonatal-Perinatal Medicine  
George Washington University School of Medicine  
Senior Vice President  
Children's National Health System  
Center for Hospital Based Specialties of Washington

9:00 Refreshment Break

9:30 NIRS and NEC: Role for Non-invasive Monitoring  
May W Chen, MD  
Attending Neonatologist  
Division of Neonatology, Department of Pediatrics  
The John Hopkins University School of Medicine

10:10 Pharmacologic Strategies in Neonatal Abstinence Syndrome  
Walter K. Kraft, MD  
Professor of Pharmacology, Medicine and Surgery  
Director, Clinical Research Unit  
Thomas Jefferson University

10:50 Shedding Light on the Neonatal Brain: The Role of Brain Injury Biomarkers in the NICU  
An N. Massaro, MD  
Professor of Pediatrics, George Washington School of Medicine  
Co-Director of Research, Division of Neonatology  
Children's Hospital of Philadelphia

11:30 Apnea, Intermittent Hypoxia and the Preterm Brain  
Eric C. Eichenwald, MD  
Professor of Pediatrics, Perelman School of Medicine, University of Pennsylvania  
Chief, Division of Neonatology  
Children’s Hospital of Philadelphia

12:10 Lunch

12:10 NICU Tours available – Please sign up

1:30 State of the Art: Patent Ductus Arteriosus in Preterm Infants  
William Benitz, MD  
Philip Sunshine Professor in Neonatology  
Division of Neonatal and Developmental Medicine  
Stanford University School of Medicine

2:10 Vaccinations and Global Controversies  
Margaret “Meg” C. Fisher, MD  
Clinical Professor of Pediatrics  
Rutgers Robert Wood Johnson Medical School  
Chair of Pediatrics, Monmouth Medical Center  
Medical Director, Unterberg Children's Hospital at Monmouth Medical Center

2:50 Coffee Break

3:10 Artificial Womb: Hope for Premature Babies  
Alan W Flake, MD, FACS, FAAP  
Professor of Surgery and Obstetrics and Gynecology, Perelman School of Medicine, University of Pennsylvania  
Division of Pediatric Thoracic and Fetal Surgery  
Children’s Hospital of Philadelphia

3:50 At the Point of InterseXYon: Evaluating and Managing the Newborn with Ambiguous Genitalia  
Zarine R. Balsara, MD, PhD  
Pediatric Urologist, Urology for Children  
St. Christopher's Hospital for Children

4:30 Adjourn