5th Annual
Current Topics in Neonatal Nutrition and Advances
In Neonatal Care

October 22-23, 2013
Tappan Hill Mansion
81 Highland Avenue, Tarrytown, NY 10591
GPS Address:
200 Gunpowder Lane, Tarrytown, NY 10591
(Only 25 miles from LaGuardia Airport and 12 miles from Westchester County Airport)

Sponsored by The Children’s Hospital at the Albany Medical Center
and the Office of Continuing Medical Education
**Agenda**

**Tuesday, October 22, 2013**

**Morning Session Moderated by James Cummings, MD, FAAP**

- 7:30-8:15 am Registration, Exhibits & Continental Breakfast
- 8:15-8:30 Welcome and Introduction and Administration of Pre-Test
  *Angel Rios, MD*
- 8:30-9:20 Biologic Basis of Inherited Cholestasis
  *William Balistreri, MD*
- 9:20-10:10 Impact of Personalized Neonatal Feeding Program:
  Challenges and Opportunities
  *Sudarshan Jadhcherla, MD*
- 10:10-10:25 Exhibits & Break
- 10:25-11:15 Calcium, Phosphorus, and Vitamin D Needs of Premature Infants
  *Steven Abrams, MD*
- 11:15-12:05 Targeted Neonatal Echocardiography: Applications and Pitfalls
  *Shahab Noori, MD, RDCS*
- 12:05-12:25 Panel Discussion
- 12:25-1:20 pm Lunch and Exhibits

**Afternoon Session Moderated by Judy Aschner, MD**

- 1:20-2:10 pm Role of Impaired Lung Vascular Growth in the Development of BPD
  *Steven Abman, MD*
- 2:10-3:00 The Role of Iron in the Neurodevelopment of the Fetus and Newborn
  *Michael Georgieff, MD*
- 3:00-3:50 Do Blood Transfusions Cause Necrotising Enterocolitis in Newborns?
  Weighing Causality and Associations
  *Haresh Kirpalani, BM, MRCP, FRCP, MSc*
- 3:50-4:40 Lactoengineering, Customizing and Individualizing Human Milk Fortification
  *David Adamkin, MD*
- 4:40-5:00 Panel Discussion

**Wednesday, October 23, 2013**

**Moderated by Deborah Campbell, MD, FAAP**

- 7:30-8:00 am Exhibits & Continental Breakfast
- 8:00-9:00 Patent Ductus Arteriosus: To Treat or Not To Treat
  *Shahab Noori, MD*
- 9:00-9:50 Diagnostic and Therapeutic Approach to Pulmonary Hypertension in BPD
  *Steven Abman, MD*
- 9:50-10:40 The Oxygen Controversy: Why Can’t Neonatologists Get It Correct
  *Richard Polin, MD*
- 10:40-11:00 Break and Exhibits
- 11:00-11:50 Two Strategies to Improve Growth and Outcomes in VLBW Infants:
  Higher Protein and Post-Discharge Nutrition
  *David Adamkin, MD*
- 11:50-12:40 pm Human Milk Feeding on Intestinal Development and Host Defense
  *Josef Neu, MD*
- 12:40-1:00 Panel Discussion
- 1:00 Adjourn and Boxed Lunch
Tappan Hill Mansion

Tappan Hill Mansion is located on the former estate of Mark Twain in the scenic Hudson Valley, just 45 minutes north of midtown Manhattan. Tappan Hill is a stunning stone mansion located on seven acres in Westchester County with breathtaking views of the Hudson River and the Palisades. GPS Address: 200 Gunpowder Lane, Tarrytown, NY 10591

Accommodation Information

A block of rooms has been reserved at the Sheraton Tarrytown Hotel at 600 White Plains Road, Tarrytown, NY 10591 for the conference from Monday, October 21 through Wednesday, October 23. The rate is $179 per night single/double occupancy. Rates quoted do not include 10.375% sales tax. Room rates will not be guaranteed after September 23, 2013.

Lodging reservations are to be made directly with the Sheraton Tarrytown Hotel by calling (914) 332-7900. Mention Albany Medical College to secure the above rates. www.starwoodhotels.com/sheraton/search/hotel_detail.html?propertyID=1428

Acknowledgment

We gratefully acknowledge the following companies for providing support for the conference:
Abbott Nutrition
Mead Johnson Nutrition
Ikaria

Do You Have Questions For Our Faculty?

If you have specific questions regarding any of the agenda topics, please type them on a separate piece of paper and mail them to the Office of Continuing Medical Education with your registration. The faculty will do their best to respond to your questions, or incorporate the information into their talks.

Course Director

Angel Rios, MD, FAAP
Director of Neonatology
Professor of Pediatrics
The Children’s Hospital at Albany Medical Center
Albany, NY

Guest Faculty

Steven Abman, MD
Professor of Pediatrics
Baylor College of Medicine
Section of Neonatology
Texas Children’s Hospital
Houston, TX

David Adamkin, MD
Director of Neonatal Medicine
Professor of Pediatrics
Director Neonatal Fellowship
Director Neonatal Nutrition Research
University of Louisville
Louisville, KY

William Balistreri, MD
Medical Director, Emeritus
Pediatric Liver Care Center
Division of Pediatric Gastroenterology, Hepatology & Nutrition
Cincinnati Children’s Hospital Medical Center
Cincinnati, OH

Michael K. Georgieff, MD
Martin Lenz Harrison Land Grant Chair
Professor in Pediatrics and the Institute of Child Development
Head, Division of Neonatology
Vice Chair, Department of Pediatrics
Director, Center for Neurobehavioral Development
University of Minnesota School of Medicine
Minneapolis, MN

Sudarshan Jadherva, MD
Professor of Pediatrics
Ohio State University College of Medicine and Public Health
Nationwide Children’s Hospital
Columbus, OH

Haresh Kirpalani, BM, MRCP, FRCP, MSc
Professor of Pediatrics
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Joseph Neu, MD
Professor of Pediatrics
Director of Neonatal Fellowship Program
University of Florida
Gainesville, FL

Shahab Noori, MD
Associate Professor of Pediatrics
Attending Neonatologist
Newborn & Infant Critical Care Unit
The Center for Fetal & Neonatal Medicine
USC Division on Neonatal Medicine
Keck School of Medicine
University of Southern California
Los Angeles, CA

Richard Polin, MD
Director, Division of Neonatology
Professor of Pediatrics
New York Presbyterian
Morgan Stanley Children’s Hospital
Columbia University Medical Center
New York, NY

Guest Moderators

Judy Aschner, MD
Professor of Pediatrics
Michael I. Cohen, MD University Chair
Albert Einstein College of Medicine
Bronx, NY

Deborah Campbell, MD, FAAP
Professor of Clinical Pediatrics
Chief Division of Neonatology
Albert Einstein College of Medicine
Children’s Hospital at Montefiore
Bronx, NY

James Cummings MD, FAAP
Professor of Pediatrics
Vice Chair for Pediatric Faculty Development
Attending Neonatologist
The Children’s Hospital at the Albany Medical Center
Albany, New York

Organizing Committee

Upender Munshi, MD
Associate Professor of Pediatrics
Who Should Attend
This program has been designed to be of interest to neonatologists, pediatricians, physician assistants, neonatal nurse practitioners, nutritionists, neonatology fellows, pediatric residents and lactation consultants whose practice involves the delivery of care to preterm infants.

About the Symposium
Every year in the United States preterm delivery affects 1 in every 10 births, or approximately 400,000 births each year. The care of this very vulnerable population of infants has become exceedingly more complicated as survival rates improve. This symposium will provide a comprehensive update on the nutritional advances for the premature infant and review current evidence-based topics such as impaired lung vascular growth in BPD, neurodevelopment and iron, bone mineral needs in preterm infants and the genetic bases of cholestasis.

Learning Objectives
At the conclusion of this conference, participants should be able to:

• Review cardiovascular assessment utilizing targeted neonatal echocardiography.
• Discuss the development of BPD and the role of impaired vascular growth.
• Review the calcium, phosphorous and vitamin D needs in premature infants.
• Discuss the role of iron in the neurodevelopment of the fetus and newborn.
• Discuss the controversies surrounding the treatment of patent ductus arteriosus.
• Discuss the variability of constituents in breast milk and engineering milk fortification.
• Discuss blood transfusions and its associated risks in the premature infant.
• Review strategies to improve growth and outcomes in VLBW at hospital discharge.
• Review the genetic bases of inherited cholestasis.
• Discuss the role of human milk feeding on intestinal development and host defense.

Accreditation
Albany Medical College is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Albany Medical College designates this live activity for a maximum of 12.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants
AAPA accepts Category I credit from AOACME, Prescribed credit from AAFP, and AMA Category I CME credit for the PRA from organizations accredited by ACCME. For information regarding other professional credit, contact the Office of Continuing Medical Education.

Nursing
Kendra Schreiner RN, 20685 SW Deline, Aloha, Oregon 97007, (503) 467-6661 is an independent provider approved by the California Board of Registered Nursing and has approved this program for 13 contact hours. Provider #15828

Tuition
Registration by October 1:
Physician $225
All Other Health Care Providers $125
Residents and Fellows $100

After October 1:
Physician $250
All Other Health Care Providers $150
Residents and Fellows $125

Tuition includes admission to the symposium access to an on-line course syllabus, breakfast, breaks and lunch each day.

Tuition Refund Policy
Tuition refunds, minus a $35 administrative charge, are possible if notification is received by September 15. After that date, one half of the paid registration fee, minus the administrative charge, can be refunded. Refunds will be processed upon receipt of a written request.

Need Information?
For information regarding the conference, contact the Office of Continuing Medical Education by phone at (518) 262-5828, fax at (518) 262-5679 or e-mail at amccme@mail.amc.edu

Web Sites
Albany Medical Center: www.amc.edu
Tappan Hill Mansion: www.abigailkirsch.com

Hotel Web Site:
www.starwoodhotels.com/sheraton/search/hotel_detail.html?propertyID=1428

Confirmation
Registrations will be confirmed by e-mail. Should you register and not receive a confirmation notice, call the Office of Continuing Medical Education to be sure we have received your information. Lodging reservation confirmation will be handled by the Sheraton Tarrytown Hotel.

Special Needs
Should you have a disability, dietary restrictions, or require other special arrangements, please call the Office of CME by October 1 to discuss your needs.

Attire
Attire during the conference is neat casual. Since everyone has a different comfort level, we suggest that you bring a sweater or light jacket.

On-Line Syllabus
Printed syllabus material will NOT be available at the conference. If syllabus material is available it will be posted on-line before and after the conference. In order to receive access you must provide your e-mail address on the registration form. You will receive access information via e-mail. If you do not receive access information please call (518) 262-5828.
Conference Registration Form
5th Annual Current Topics Neonatal Nutrition and Advances in Neonatal Care
October 22-23, 2013

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Registration by October 1
Physician $225
All Other Health Care Providers $125
Residents and Fellows $100

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Residents and Fellows $125

Name & Degree (as to appear on conference materials):

CME Credit Tracking:

Month of Birth - Date of Birth - First 4 Characters of First Name

Specialty:

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Department:

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Home Phone:

E-mail Address (You must provide an e-mail address to gain access to the on-line syllabus):

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Office of Continuing Medical Education
Current Topics in Neonatal Nutrition and Advances in Neonatal Care Conference
Albany Medical College, Mail Code - 1 J408
47 New Scotland Avenue
Albany, New York 12208-3479

Fax: (518) 262-5679 registrations accepted for Visa, MasterCard, Discover and American Express only.

Fax registrations without credit card payment cannot be processed. This is a secure fax. Please register one person per form. This form may be photocopied.
Register by October 1
and save $$$$$$$$$$$

We use multiple mailing lists for our conferences.
If you receive more than one brochure,
kindly pass it on to a colleague.