Neonatology 2011
Atlanta, GA

April 14–15, 2011

Emory Regional Perinatal Center
Division of Neonatal-Perinatal Medicine
Emory University School of Medicine
Dear Colleague,

On behalf of the Emory Regional Perinatal Center and the Emory Division of Neonatal-Perinatal Medicine, we invite you to Atlanta for our 19th annual conference: Neonatology 2011. The course features faculty with national and international reputations who will update your knowledge and skills in caring for high-risk newborns by presenting the most recent advances in evidence-based medicine. The program will focus on several areas impacting patient care: delivery room care, respiratory problems and management, dilemmas in pain management and patent ductus arteriosus closure, some new thoughts on retinopathy of prematurity, metabolic testing and the treatment of vascular tumors and hemangiomas. We will also discuss ethical issues for neonatal caregivers through a panel discussion and audience participation. If you are a neonatologist, neonatal nurse practitioner or other professional responsible for the delivery of care to newborns this conference is especially designed for you. We look forward to seeing you in Atlanta.

Sincerely,

David Carlton, MD, FAAP
Ann Critz, MD, FAAP
Niki Kosmetatos, MD, FAAP
Conference Directors

Objectives

1. Review the changes in neonatal resuscitation guidelines and the evidence supporting the new recommendations.
2. Discuss respiratory support strategies to help minimize lung injury and the management options for infants who do develop chronic lung disease.
3. Describe lung physiology during transition at birth and how physiology influences management in the presence of asphyxia and meconium aspiration.
4. Give examples of unusual causes of respiratory distress in the neonatal period.
5. Review pain management in the neonate.
6. Examine the controversy in management of the patent ductus arteriosus in the premature infant.
7. Compare views on selected ethical issues in neonatology using audience participation and panel discussion.
8. Discuss the long term effects of TPN, nutrition, and growth failure in the neonate.
9. Outline future directions and special considerations in metabolic screening in the NICU.
10. Describe therapeutic options for vascular tumors and hemangiomas in the neonate.
11. Examine new thoughts on the development of retinopathy of prematurity and potential new therapies.

Scientific and Organizing Committee

Betty Boecler, MN, APRN, NNP-BC  Linda McCollum, PhD, APRN, NNP-BC
David Carlton, MD, FAAP  Anthony Piazza, MD, FAAP
Ann Critz, MD, FAAP  Aimee Poor, MN, APRN, NNP-BC
Juanita Davis, MN, APRN, NNP-BC  Meghan Simon, MSN, APRN, NNP-BC
Niki Kosmetatos, MD, FAAP  Janet Thigpen, MN, APRN, NNP-BC
Esther Taylor, BS, RRT  Maribeth White, MSN, APRN, NNP-BC
Continuing Education

**Medicine:** The Emory Regional Perinatal Center is accredited by the Medical Association of Georgia to provide continuing medical education for physicians.

The Emory Regional Perinatal Center designates this live activity for a maximum of 13.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Nursing:** Emory Regional Perinatal Center is an approved provider of continuing nursing education by the Georgia Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

This activity has been designated for 13.5 contact hours. Nurses licensed in other states are advised to check with that state regarding reciprocity.

**Respiratory Therapy:** Application has been made to the American Association for Respiratory Care (AARC) for 13.5 continuing education contact hours for respiratory therapists.

**Pharmacology Content:** There are many sessions with significant pharmacology content and contact hours will be designated accordingly on the certificate of attendance. Because state regulations vary, contact your state board for those requirements.

**Disclosure Policy:** Emory Regional Perinatal Center seeks to ensure balance, independence, objectivity, and scientific rigor in all of its educational programs. Any person in a position to control the content of an educational activity is required to disclose all relevant financial relationships with any commercial interests. Policies are in place that will identify and resolve potential conflicts of interest prior to this educational activity. Emory Regional Perinatal Center also requires faculty to disclose discussions of investigational products or unlabeled / unapproved uses of drugs or devices.

Accommodations

Nestled in a secluded wooded corner of Emory University campus in northeast Atlanta are two adjacent, picture perfect properties for comfort and relaxation. Both sites are owned by Emory University and are connected by a covered walkway. Amenities include pools, fitness club, jogging trails, bicycling, and massage and spa services. For the avid exercise enthusiast, the Woodruff Center on campus offers a rock climbing wall, racquetball courts and tennis. There are also several golf courses nearby. The eclectic shopping and dining areas of Buckhead, Lenox Mall and Phipps Plaza are just three miles away. Drive a little further into downtown Atlanta to visit the Martin Luther King Center, the Carter Presidential Library, the High Museum of Art, Centennial Olympic Park, the Georgia Aquarium, the CNN Center, the World of Coke, and much more.

**Emory Conference Center Hotel**
1615 Clifton Road
Atlanta, GA 30329
Rates are $149 single or double
plus 12% state and local tax

The Hotel and Inn may be contacted through a shared switchboard and website:
800-933-6679
http://www.emoryconferencecenter.com

When making reservations, please request the special Emory Neonatology conference rate. Rates are applicable for reservations made through March 23, 2011. Reservation requests received after this date will be accepted on a space available basis at the best prevailing rate. Check-in time is 4:00 pm. Check-out time is 12:00 noon.

**Directions:** Self-parking is complimentary. For door-to-door directions, visit the Emory Conference Center website.

**Driving south on I-85:** Exit North Druid Hills Road (exit 89). At the end of the ramp, turn left onto North Druid Hills Road. At the 3rd traffic light, turn right onto Briarcliff Road. At the 5th traffic light, turn left onto Clifton Road. The hotels and conference center are approximately 1 mile on the left.

**Driving north on I-85:** (from the airport) Exit North Druid Hills Road (exit 89). At the end of the ramp, turn right onto North Druid Hills Road. At the 2nd traffic light, turn right onto Briarcliff Road. At the 5th traffic light, turn left onto Clifton Road. The hotels and conference center are approximately 1 mile on the left.

**Airport Shuttle:** The Hartsfield-Jackson International Airport is 15 miles away which equates to about 30 minutes travel time. Transportation is available through Atlanta Superior Shuttle which is located at ground transportation center-green 5 & 6 (across taxis). One way service is $30. Round trip is $50. Advance reservations are requested: 770-457-4794 atlantasuperior@aol.com
Neonatology 2011 Conference Agenda

Thursday, April 14th

7:00-7:45  Continental Breakfast & Registration
7:45-8:00  Welcome & Introductions
           Ann D. Critz, MD & David Carlton, MD

Session I – Respiratory I
Moderator: Bradley Buckler, MD

8:00-9:00  “Emerging Evidence Supporting Change in Neonatal Resuscitation”
           Marilyn Escobedo, MD

9:00-10:00 “Neonatal Respiratory Support: Strategies to Minimize Lung Injury”
             Eduardo Bancalari, MD

10:00-10:15 Break

10:15-11:15 “Birth Transition, Asphyxia and Meconium Aspiration:
               How Lung Physiology Influences Management”
               Lucky Jain, MD

11:15-12:15 “New Developments in the Prevention and Management of BPD”
              Eduardo Bancalari, MD

12:15-1:30  Lunch

Session II – Dilemmas in Neonatal Care
Moderator: Georgianna Miksis, MD

1:30-1:40  Introduction
           Marilyn Escobedo, MD
2:40-3:00  Break
3:00-4:00  “To Close or Not to Close the PDA: A Cardiologist’s Perspective”
           Nikhil Chanani, MD
4:00-5:30  “Ethical Dilemmas in the NICU” – Panel Discussion
           with Audience Participation
           William Sexson, MD, Helen O. Williams, MD, April Dworetz, MD
5:30-7:00  Reception
7:00      Recess
Friday, April 15th

Session III – Respiratory II
Moderator: Edward Conner, MD

7:40-8:00 Introduction: George W. Bugg Jr., MD
Wandra L. Jones-Phillips Memorial Lecture

8:00-9:00 “Respiratory Support in the NICU — What Does the Evidence Tell Us?”
Reese Clark, MD

9:00-9:30 Break

9:30-10:30 “Respiratory Distress: The Unusual Suspects”
Sarah Keene, MD

10:30-11:30 “What We Don’t Know Can Hurt: The Effects of TPN and Extrauterine Growth Failure on Our Babies”
Reese Clark, MD

11:30-12:45 Lunch

Session IV – New Thoughts on Some Old Problems
Moderator: Donna Parks, NNP-BC

12:45-1:00 Introduction

1:00-2:00 “Newborn Screening: Future Directions and Special Considerations”
Paul Fernhoff, MD

2:00-2:15 Break

2:15-3:15 “Vascular Tumors & Hemangiomas”
Leslie Lawley, MD

3:15-4:15 “ROP: A Look at What’s New”
Amy Hutchinson, MD

4:15 Adjourn

Wisteria Lanes, Emory Conference Center
Guest Faculty

Eduardo Bancales, MD, FAAP
Professor of Pediatrics
Director, Division of Neonatology
University of Miami Miller School of Medicine
Miami, Florida

Marilyn Escobedo, MD, FAAP
Professor of Pediatrics
Chief, Neonatal-Perinatal Medicine
The University of Oklahoma Health Science Center
Oklahoma City, Oklahoma

Reese Hunter Clark, MD, FAAP
Director of Research
Pediatrics Medical Group
Piedmont, South Carolina

Emory Faculty

Nikhil Chanani, MD
Pediatric Cardiologist
Assistant Professor
Department of Pediatrics
Sibley Heart Center
Emory University School of Medicine
Atlanta, Georgia

April Dwoertz, MD, FAAP, MPH
Assistant Professor
Department of Pediatrics
Division of Neonatal-Perinatal Medicine
Emory University School of Medicine
Atlanta, Georgia

Paul Fernhoff, MD, FAAP, FACMG
Associate Professor of Human Genetics and Pediatrics
Medical Director, Georgia Newborn Screening
Metabolic Follow-up and Lysosomal Storage Disease Clinic
Emory University School of Medicine
Atlanta, Georgia

Amy Hutchinson, MD
Associate Professor of Ophthalmology
Director of Pediatric Ophthalmology Fellowship Program
Emory University School of Medicine
Atlanta, Georgia

Lucky Jain, MD, MBA, FAAP
Richard W. Blumberg Professor
Department of Pediatrics
Division of Neonatal-Perinatal Medicine
Medical Director, Emory Children’s Center
Emory University School of Medicine
Atlanta, Georgia

Sarah Keene, MD, FAAP
Assistant Professor
Department of Pediatrics
Division of Neonatology
Emory University School of Medicine
Atlanta, Georgia

Leslie Lawley, MD, FAAD
Vice-Chief of Pediatric Dermatology
Children’s Healthcare of Atlanta-Egleston
Department of Dermatology
Emory University School of Medicine
Atlanta, Georgia

William R. Sexson, MD, FAAP
Vice Chair, Department of Pediatrics
Professor of Pediatrics
Associate Dean for Clinical Affairs
Grady Health System
Division of Neonatal-Perinatal Medicine
Emory University School of Medicine
Atlanta, Georgia

Helen O. Williams, MD, FAAP
Assistant Professor
Department of Pediatrics
Division of Neonatal-Perinatal Medicine
Emory University School of Medicine
Atlanta, Georgia

Moderators

Bradley Buckler, MD, FAAP
Neonatologist
Savannah Memorial Hospital
Pediatric Medical Group of Georgia
Savannah, Georgia

George W. Bugg, Jr, MD, FAAP, MPH
Assistant Professor
Department of Pediatrics
Division of Neonatal-Perinatal Medicine
Medical Director, Intermediate and Term Nurseries
Grady Memorial Hospital
Director, Emory Regional Perinatal Center
Emory University School of Medicine
Atlanta, Georgia

David Carlton, MD, FAAP
Marcus Professor of Pediatrics, and
Chief of Neonatal-Perinatal Medicine
Emory University School of Medicine
Atlanta, Georgia

Edward Conner, MD, FAAP
Neonatologist
Athens Regional Medical Center
Athens, Georgia

Ann D. Critz, MD, FAAP
Associate Professor
Division of Neonatal-Perinatal Medicine
Department of Pediatrics
Chief of Pediatrics Emory University Hospital Midtown
Medical Director of Nurseries,
Emory University Hospital Midtown
Emory University School of Medicine
Atlanta, Georgia

Georgianna Miksis, MD, FAAP
Clinical Director of Nursery
Neonatologist
Phoebe Putney Memorial Hospital
Albany, Georgia

Donna Parks, MN, NNP-BC
Neonatal Nurse Practitioner
Gwinnett Neonatology
Lawrenceville, Georgia
Registration Form - Neonatology 2011

Please print clearly so that information will appear correctly on your name badge.

Name _______________________________________________________

Credentials __________________________________________________

Institution ____________________________________________________

Institution City & State __________________________________________

Mailing Address ______________________________________________

Daytime Phone _______________________________________________

E-mail ______________________________________________________

Special Needs

Every effort is made to accommodate those with special medical or dietary needs, especially when we receive the information in advance. If you require special assistance to fully participate, please indicate ____________________________________________.

Refund / Cancellation Policy

All cancellations must be made in writing, by FAX, or by E-mail. No telephone cancellations will be accepted. Cancellations postmarked on or before March 23, 2011 will be refunded less a $50 administrative fee. No refund will be given for cancellations postmarked after this date; however, you may transfer your registration to a colleague. In case of transfer, please notify us as soon as possible.

Questions? Contact: Karen E. Parker

Phone: 404-727-3360

FAX: 404-727-3236

E-mail: karen.e.parker@emoryhealthcare.org

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Early Registration by March 23, 2011

1-Day 2-Days

Physicians.................................................................$325 $450

NNPs, RNs, RT & Allied Health..............................$225 $300

Residents, Fellows & full-time Students * ...............$150 $225

* To qualify for the special rate, you must enclose a letter of verification from your program director.

Late / On-Site Fees

Registration postmarked after March 23, 2011 ...............add $ 50

On-Site registration ...........................................................add $100

Subtotal $________

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Attendance Confirmation

- Please check the day(s) you will attend:
  - [ ] Both days
  - [ ] Thursday, April 14th only
  - [ ] Friday, April 15th only

Syllabus (provided with registration)

- [ ] CD-ROM ................................................................. add $10

Subtotal $________

Total $________

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Event RSVP

- Thursday Reception: Evening at Wisteria Lanes (included with registration)

Please indicate if you plan to attend:

- [ ] Yes
  - [ ] No

Make check or money order payable (U.S. funds only) to:

Emory Division of Neonatology

FEIN: 58-0566256

Mail to:

Mailstop 137001-2AA
Division of Neonatal-Perinatal Medicine
Emory University Department of Pediatrics
2015 Uppergate Drive
Atlanta, GA 30322
ATTN: Karen E. Parker

Or you can register online at

http://www.pediatrics.emory.edu/divisions/neonatology/

We are pleased to accept Visa and MasterCard

An administrative fee of 2.1% will be charged