Before the NICU...

Long before the first neonatal intensive care units (NICUs) opened in the 1960s, physicians treated premature infants and debated their future. To be sure, the smallest such infants likely died within hours at home, victims of what we would recognize as respiratory distress syndrome. The fate of those born 1 to 2 months early, however, hung in the balance. In 19th century American cities, where some 15% to 20% of all infants died before reaching their first birthday, premature babies were the most vulnerable of all. Many succumbed to a vicious cycle of hypothermia, poor feeding, and infection in the first weeks of life. Physicians rarely did anything to save them, and resigned themselves to seeing this high mortality as a law of nature, not amenable to medical effort.

Evolution of the NICU

All of this began to change in 1880. In that year, the French obstetrician E.S. Tarnier introduced two simple but effective interventions on the wards of Paris’s largest maternity hospital: the incubator and the gavage feeding tube. Combined with skilled nursing care and wet nurses, the introduction of these two measures was associated with a remarkable decline in mortality of premature newborns in the 1200- to 2000-g range from 66% to 38%. Tarnier’s results ignited widespread excitement in France and around the Western world. Paris’s health authorities installed incubators in other maternity hospitals, and a variety of newer and more complex models appeared across Europe and the United States. Most remarkably, so-called incubator baby shows became a staple of world fairs and midways at the dawn of the 20th century. Featuring live infants, these shows invited the public to view the new technology in a setting that evoked faith in progress and a dash of side-show sensationalism.

July 31, 2015
Birmingham, AL

The Conference will be held in the Children’s Harbor Building at the Children’s of Alabama Hospital. The Bradley Lecture Center is located on the 4th floor 1616 6th Avenue South, Birmingham, AL 35233 (across from Burger King)

COORDINATORS
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AGENDA

7:30a – 8:00a  Registration and Continental Breakfast

8:00a – 8:05a  Welcome
Joseph Philips, MD; Tara McNair, RN, BSN

8:05a – 9:35a  Supporting Developmental Outcomes: From the NICU and Beyond
Myriam Peralta, MD; Sheree York, PT, DPT, PCS; Jill Everette

9:35a – 10:05a  IVH in the NICU
Brian Sims, MD, PhD

10:05a – 10:15a  Break

10:15a – 11:00a  Follow-up of IVH
Leon Dure, MD; Paola Mendoza, MD

11:00a – 11:30a  BPD in the NICU
Rune Toms, MD

11:30a – 12:15p  BPD Post Discharge
David Lozano, MD

12:15p – 1:15p  Lunch (provided)

1:15p – 1:45p  Care of the Late-Preterm Infant
Joseph Philips, MD

1:45p – 2:15p  ROP in the NICU
Joseph Philips, MD

2:15p – 2:45p  ROP Post Discharge
Thomas Metz, MD

2:45p – 3:00p  Break

3:00p – 3:45p  Surgical Management of NEC
Colin Martin, MD

3:45p – 4:30p  NEC Post Discharge
Reed Dimmitt, MD

4:30p  Evaluation and Adjournment

The meeting room is usually cold when first entering. It is difficult to maintain a constant temperature that meets the need of each individual participant. For your comfort, we suggest that a jacket, sweater, or sweatshirt be worn.
SPEAKERS

Reed A. Dimmitt, MD
Professor
Pediatric Gastroenterology, Hepatology, and Nutrition

Leon S. Dure, IV, MD
Professor
Division of Pediatric Neurology & Neurobiology

Jill Everette
March of Dimes NICU Family Support Specialist at UAB

David J. Lozano, MD
Associate Professor
Division of Pediatric Pulmonary

Colin A. Martin, MD
Associate Professor
Division of Pediatric Pulmonary

Paola Mendoza, MD
Assistant Professor
Division of Pediatric Rehabilitation Medicine

Thomas H. Metz, MD
Assistant Professor
Department of Ophthalmology

Myriam Peralta, MD
Professor
Division of General Pediatrics

Joseph B. Philips, III, MD
Professor
Division of Neonatology

Brian Sims, MD, PhD
Associate Professor
Division of Neonatology

Rune Toms, MD
Associate Professor
Division of Neonatology

Sheree York, PT, DPT, PCS
Director, PT/OT Department
Children’s of Alabama

ACCREDITATION

Children’s of Alabama designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Children’s of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

No application to the Alabama Board of Nursing has been made. Per Alabama Administration Code Chapter 610-X-10-04e, AMA PRA Category 1 Credits are acceptable for CEUs. CME conversion to CEUs for this conference equals 8.4 Continuing Education Hours. To receive the Nursing Contact Hours, go to the Alabama Board of Nursing website: www.abn.alabama.gov

- Click on Continuing Education (on the gray bar in purple letters)
- Click on Access Individual CE Record
- When the Individual CE Record page opens, follow the directions on the screen.

All participants will receive a Certificate of Attendance showing the total number of Contact Hours received.

OBJECTIVES

Upon completion of this live activity, participants will be able to:

- Recommend developmental interventions in the NICU and follow-up post-discharge
- Assess outcome of very low birth weight infants
- Review the pathophysiology and management of infants with BPD in the NICU and post-discharge
- Review the pathophysiology and management of infants with NEC in the NICU and post-discharge
- Identify problems, develop management plan and predict outcome of infants with ROP in the NICU and post-discharge
- Identify problems, develop management plan and predict outcome of infants with ICH in the NICU and post-discharge
- Recommend plan of care for the late-preterm infant

DIRECTIONS

Parking will be available in the 5th Avenue Parking Deck. Take a ticket upon entering the deck. Parking on the 2nd Floor of the deck is for Patients/Visitors Only. Bring your ticket with you to the Conference. The ticket must be validated or there will be a $25 charge to exit the deck. Take the elevator in the center of the deck to the 2nd Floor. Take the crosswalk into the Children’s Hospital. Follow the hallway to the right of the information desk. You will cross another crosswalk into the Bradley Center. Take those elevators to the 4th Floor.

Directions to the 5th Avenue Parking Deck (1600 5th Avenue South). If you are not familiar with the Birmingham area, the streets run north and south, while avenues run east west. For example, the back of parking deck faces 5th Avenue South, and is located between 16th and 17th Street South.

From the West on I-20/I-59
Take I-65 South, bearing to the right at the major junction before reaching Birmingham. Exit I-65 at the 4th Ave South Exit. You will be traveling East on 4th Avenue South. Turn right onto 16th Street South. The parking deck entrance will be on your left at the corner of 5th Avenue and 16th Street South.

From the East on I-20/I-59
Take I-20/I-59 West into Birmingham. After the 22nd Street North Exit in Downtown Birmingham, get into the far left-hand lane. Bear left onto I-65 South Exit. Exit I-65 at the 4th Avenue South Exit. You will be traveling East on 4th Avenue South. Turn right onto 16th Street South. The parking deck entrance will be on your left at the corner of 5th Avenue and 16th Street South.

From the East on I-65
Exit I-65 at the 4th Avenue South. You will be traveling East on 4th Avenue South. Turn right onto 16th Street South. The parking deck entrance will be on your left at the corner of 5th Avenue and 16th Street South.

From the South on I-65
Take the University Boulevard/8th Avenue South Exit. You will be going East on University Boulevard. Turn left onto 11th Street South. Turn right onto 5th Avenue South. Building is first left after McDonald’s.

From the East on U.S. 280
Take Highway 280 to Highway 31 North to Birmingham (also called the Elton B. Stephens “Red Mountain Expressway”). Exit at 3rd Avenue South exit. Take a left onto 3rd Avenue South. You will be traveling west on 3rd Avenue South. Turn left onto 16th Street South.

Enter the deck on either the 16th or 17th Street entrance
**2015 UAB Perinatal Conference**

Registration Form
July 31, 2015

Please type or print legibly

Name: __________________________________________ Degree (MD, RN, RT, etc) __________

Hospital/Practice __________________________________ Email address: ______________________

Mailing Address __________________________________ City __________________________ State/Zip __________

Office # __________________ Home/Cell #: ______________ Fax # ______________

(Confirmation will be sent via e-mail or Fax ONLY)

Course fee:
- $75 (includes handouts, breakfast, lunch and breaks)

For more information contact Cassandra at UAB Neonatology, (205) 934-4680 or chudson@peds.uab.edu

Make check payable to **UAB Neonatology** and mail to:
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