ISSUES IN NEONATOLOGY

24TH ANNUAL NEW YORK REGIONAL NEONATOLOGY/PERINATAL SYMPOSIUM

THURSDAY, MARCH 9, 2017

The Garden City Hotel | Garden City, New York

Accredited by Winthrop University Hospital
Approved for 6.0 CME-CE Credits
The annual “Issue in Neonatology conference”, is a very successful neonatal conference that became a tradition for neonatologists in tri-state area for many years. The highly specialized and inter-professional, team-based care provided to neonates requires ongoing continued medical education. The goal of the 24th Annual New York Regional Neonatal/Perinatal Symposium is to provide cutting-edge information regarding care for very low birth weight infants, by teaching physicians, nurses, nurse practitioners, residents and fellows, the pathogenesis of a variety of disease states that affect newborns, and how the development of new therapeutic approaches (pharmacologic and technologic) can influence care outcomes.

Based on written as well as verbal evaluations and surveys from last year’s symposium several gap in knowledge were identified, hence the objectives of this program were selected. The theme for this year program is: Recent advances in the care of Very Low Birth Weight (VLBW) infants. A recent needs assessment identified the following areas in knowledge, competence and performance that we plan to address in the course curriculum including: developing strategies for optimal nutrition in VLBW infants, recognize causes of growth faltering in preterm infants in the NICU, understand the importance of human milk in the support of the preterm infant, identify protocols to provide optimal nutrition to the preterm infant, understanding how legislation has changed the study of drugs in pediatrics and neonatology, how NICU clinicians can help regulators understand the safety of drugs and devices used in the NICU, review recent research reports regarding the safety of swallowing while on NCPAP, demonstrate the changes in interventions available during obstetric and neonatal care in the last 50 years as well as demonstrate the neurodevelopmental impact of early life exposure to environmental toxins in the NICU.

COMPETENCIES
This symposium will address the following ACGME/ABMS competencies:
- Medical knowledge
- Patient care
- Practice-based learning and improvement
- Systems-based practice

TARGET AUDIENCE
Neonatologists, nurses, neonatal nurse practitioners, respiratory therapists and residents and fellows involved in the care of neonates.
CME ACCREDITATION
Winthrop University Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION
Winthrop University Hospital designates this live activity for a maximum of **6.0 AMA PRA Category 1 Credit(s)™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NURSING ACCREDITATION
Winthrop University Hospital is an approved provider of continuing nursing education by the South Carolina Nursing Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Provider Number: 1409-023PR 9/24/17. 6.0 contact hours will be awarded.

AARC CE CREDITS
An application has been submitted to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists.

FACULTY DISCLOSURE
It is the policy of Winthrop University Hospital to adhere to ACCME, SCNA and ANCC accreditation requirements, policies and Standards for Commercial Support in order to ensure content validity, fair balance, independence, objectivity and scientific rigor in all its sponsored programs. All faculty, planners and authors of educational content, who participate in sponsored programs, must disclose to the audience any potential, apparent or real conflicts of interest related to their contribution to the activity, as well as any discussions of off-label or investigational uses of any commercial products or devices not yet approved in the United States. All faculty disclosures will be made at the time of the activity. Please call Robert Martin, MBA, Director of CME at 516-663-2521 to express any concerns.
AGENDA

7:30a Registration – Breakfast

8:20a Opening Remarks
Nazeeh Hanna, MD

8:30a Transfusion Associated Gut Injury (TRAGI): Evidence for & Possible Mechanisms
Edmund F. La Gamma, MD, FAAP

OBJECTIVES:
- Increase awareness of various biologic and chemical issues related to blood storage (i.e. storage lesion)
- Learn about the differences in the neonates responses to progressive anemia, hypoxemia and reduction in blood flow
- Define the mechanism of hypoxic vasodilation and how it relates to the unique features of control of intestinal blood flow
- Develop a rationale for evaluating a testable hypothesis in a randomized clinical trial

9:20a Prevent Growth Faltering in Preterm Infants
Richard Schanler, MD

OBJECTIVES:
- Recognize that growth faltering is common in preterm infants in the NICU
- Illustrate the importance of human milk in the support of the preterm infant
- Identify protocols to provide optimal nutrition to the preterm infant

10:10a Coffee Break

10:30a FDA-B-Cs of the NICU
Gerri R. Baer, MD, FAAP

OBJECTIVES:
- Define how legislation has changed the study of drugs in pediatrics and neonatology
- Master the challenges and successes in medication and device development for neonates
- Recognize how NICU clinicians can help regulators understand the safety of drugs and devices used in the NICU

11:20a Swallowing and Breathing Coordination in Neonates: Should We Orally Feed While on NCPAP?
Nazeeh Hanna, MD \ Louisa Ferrara, MS, CCC-SLP, BCS-S

OBJECTIVES:
- Clarify the anatomy and physiology of the swallowing and breathing mechanism
- View video fluoroscopic swallow studies to better understand the precise interconnection of each sensory-motor act
- Learn what recent research reports regarding the safety of swallowing while on NCPAP.

12:15p Lunch Break

1:30p Pregnancy Outcomes Over Time in High & Low-Income Countries: Maternal Mortality, Stillbirth and Neonatal Mortality
Robert L. Goldenberg, MD

OBJECTIVES:
- Present changes in maternal, fetal and neonatal survival over 50 years in the US and developing countries
- Demonstrate changes in interventions available during obstetric and neonatal care in the last 50 years in the US and developing countries
- Evaluate how this knowledge will allow us to define what needs to be done in developing countries to reduce maternal, fetal and neonatal mortality in those locations.

2:20p Environmental Health Concerns in the NICU
Annemarie Stroustrup, MD

OBJECTIVES:
- Summarize existing data on the neurodevelopmental impact of early life exposure to phthalates.
- Give examples of medical equipment that could convey phthalate exposure.
- Describe early data on the neurodevelopmental impact of NICU-based phthalate exposure.

3:15p Closing Remarks
Ian Holzman, MD
**FACULTY**

**ACTIVITY CO-DIRECTORS**

**Nazeeh Hanna, MD**
Chief, Division of Neonatology
Winthrop University Hospital
Mineola, NY
President, American Society for Reproductive Immunology
Professor of Pediatrics
Stony Brook University School of Medicine
Stony Brook, NY

**Ian Holzman, MD**
Professor of Pediatrics
Obstetrics, Gynecology & Reproductive Science
Vice Chair, Hospital Operations and Faculty Affairs
Department of Pediatrics
The Icahn School of Medicine at Mount Sinai
New York, NY

**SPEAKERS**

**Gerri R. Baer, MD, FAAP**
Lead Medical Officer, Neonatology Team
Office of Pediatric Therapeutics / FDA
Silver Spring, MD

**Louisa Ferrara, MS, CCC-SLP, BCS-S**
Pediatric Feeding & Swallowing Specialist
Winthrop University Hospital
Mineola, NY

**Edmund F. La Gamma, MD, FAAP**
Chief, Division of Newborn Medicine
Director, Neonatal-Perinatal Fellowship Program
Maria Fareri Children's Hospital at Westchester Medical Center
Professor of Pediatrics, Biochemistry & Molecular Biology
New York Medical College
Valhalla, NY

**Richard Schanler, MD**
Director, Neonatal Services
Cohen Children’s Medical Center and Northwell Health
Professor, Hofstra Northwell School of Medicine
Hempstead, NY

**Robert L. Goldenberg, MD**
Professor of Obstetrics and Gynecology
Columbia University Medical Center
New York, NY

**Annemarie Stroustrup, MD**
Chief, Division of Newborn Medicine
Mount Sinai Medical Center
Associate Professor of Pediatrics
The Icahn School of Medicine at Mount Sinai
New York, NY

**PLANNING COMMITTEE**

**Joseph J. Abularrage, MD**
President “Chapter 2,” NY2 of District 2
American Academy of Pediatrics
Queens, NY

**Adriann Combs, BSN, RN**
Nurse Educator, NICU
Winthrop University Hospital
Mineola, NY

**Susan E. Richter, MPA, CRT, CPFT**
Regional Perinatal Coordinator
Neonatal Clinical Research Coordinator
Winthrop University Hospital
Mineola, NY

*Denotes Planning Committee Member*
This competition is designed to recognize emerging research in the field of Patient Safety and Quality Improvement in the Neonatal Intensive Care Unit.

**First Prize winner for best abstract will receive $2500 and second prize winner will receive $1500.**

- The abstract must be relevant to the area of Patient Safety and Quality Improvement Initiatives in the Neonatal Intensive Care Unit.
- Any NICU staff member attending the conference is eligible to submit an abstract.
- Author must register before submitting an abstract. To encourage trainees, (Residents and Fellows), their conference registration fees will be waived with an abstract submission.
- **The first author will be awarded the prize to help spread and sustain the initiative.**

- Abstracts should be structured and consist of no more than 500 words (including title, authors’ names and affiliations) and organized into four paragraphs labeled: Background, Methods, Results and Conclusions/Impact.

**JUDGING CRITERIA WILL INCLUDE:**

**SIGNIFICANCE**
- What are the evidence supporting the problem you are trying to address?
- What is the proposed value of the initiative to the field of neonatology – Consider impact on quality, safety, efficiency, cost, and patient/family-centered care. Also any impact on external regulatory agencies and benchmarking.

**INNOVATION**
- Is the project original and innovative?
- Does the project address new approaches and process design to improve safety and quality of care outcome in neonatology.

**APPROACH**
- Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project?
- Is there a systematic and clear application of the models for improvement?

Please submit as Microsoft Word file using Arial font in 12 pt. Begin your abstract with title, authors’ name and institution and their affiliation.

- Please submit abstract by e-mail to Dr. Nazeeh Hanna (email: nhanna@winthrop.org)
- Deadline: **February 15th, 2016**
- The winners will be announced during the conference.
REGISTER TODAY

We accept online registration for all Winthrop CME-CE courses. Register and pay online at http://goo.gl/bngLjC

FEES
Registration fee includes educational materials, meals and CME-CE credit certificate.
Space is limited. Register early.
$150 Physicians
$130 Non-Physicians (NPs, PAs, Nurses, Others)
$35 Residents & Fellows

LOCATION
The Garden City Hotel, 45 Seventh Street, Garden City, New York, www.gchotel.com

ACCOMMODATIONS
A small room block is available at The Garden City Hotel for participants by calling 1-800-547-0400 at the discounted rate of $195.00 + taxes. When calling the hotel, please give them the name of the course (Issues in Neonatology) sponsored by Winthrop University Hospital, and the arrival date of March 9, 2016. Reservations must be made by February 3, 2016.

CONFIRMATION
All registrants will receive a confirmation via email.

CANCELLATION
A fee of $50 is deducted for cancellation. Refund requests must be received by mail 72 hours prior to the course. No refund will be made thereafter.

SPECIAL NEEDS
The Garden City Hotel is accessible to individuals with disabilities or special needs. Participants with special needs should contact the office of CME at 516-663-8459.

If you experience technical problems with the online system, wish to register a group, or require other special arrangements; please contact Peter Sandre at 516-663-8459 or via email at psandre@winthrop.org for assistance.