

MIAMI 2019 NEONATOLOGY

43rd International Conference

November 10-13, 2019

Loews Hotel, Miami Beach, Florida

Sponsored by the University of Miami - Miller School of Medicine
Presented by the Division of Neonatology-Department of Pediatrics

www.miamineonatology.com



One Day Pre-Conference Workshop • November 10, 2019

ADVANCES IN RESPIRATORY CARE

GENERAL INFORMATION

OBJECTIVES:

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

- Determine best practices in the special nutritional needs of premature infants.
- Identify the differences between the use of fresh versus banked human milk.
- Discuss new developments in respiratory support in preterm infants.
- Discuss interaction between patient and ventilator.
- Update the newest recommendations for resuscitation of newborn infants.
- Recognize the ethical and moral implications for physicians and families regarding the care of extremely immature infants.
- Discuss the management strategies for caring for infants with congenital diaphragmatic hernia.
- Update the current approaches to the use of surfactant therapy in premature infants.
- Assess the long-term developmental and respiratory outcomes of survivors of neonatal intensive care.
- Discuss the newest approaches to the management of anemia in the newborn.
- Examine the interactions between congenital heart disease and brain development.
- Appraise best practices in protecting the neonatal brain.
- Describe new developments in the management of newborns with cardiovascular failure.
- Discuss the current management controversies regarding the use of caffeine in the neonate.
- Examine best approaches to optimizing long-term outcomes for infants post-discharge from the NICU.

DATES: Sunday, November 10th thru Wednesday, November 13th, 2019

PLACE: Loews Hotel, Miami Beach, Florida **ACCOMMODATIONS:** DELUXE GUEST ROOMS

SERVICES FOR THE DISABLED: If special arrangements are required for an individual with a disability to attend this conference, contact the Division of Neonatology at 305-585-7727 and the Loews Hotel, Miami Beach at 1-888-879-0462 at least 15 days prior to conference.

TARGET AUDIENCE: This conference is directed towards Neonatologists, Obstetricians / Perinatologists, Pediatricians, Physician Assistants, Respiratory Therapists, Nurse Practitioners, Clinical Nurse Specialists, Neonatal Nurses, and other health care professionals within the fields of Neonatology/Perinatology/Pediatrics. Simultaneous Spanish translation will be available.

ACCREDITATION: The University of Miami-Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Alexandria Stewart-Scurry RN, MBA is an approved continuing education provider by the Florida Board of Nursing through CE Broker, and her affiliation with the Black Nurses Association-Miami Chapter.

CREDIT DESIGNATION: University of Miami-Leonard M. Miller School of Medicine designates this live activity for a maximum of 25.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Total number of credits in the workshop: 6.50 Credits in conference: 18.75

Nurses will be provided with 17 continuing education units (CEU) for the conference and 3 continuing education units (CEU) for the workshop by the BNA, Black Nurses Association.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION STATEMENT: In accordance with the 2004 Updated ACCME Standards for Commercial Support the University of Miami-Leonard M. Miller School of Medicine requires everyone in a position to control the content of a Continuing Medical Education activity – the Course Director(s), Planning Committee Members and all individuals participating as speakers, moderators or authors to disclose all relevant financial relationships with any commercial interest. All potential conflicts of interest are identified and resolved prior to the education activity being provided to learners. Disclosure of relevant financial relationship(s) will be provided to learners prior to the beginning of the educational activity.

GUEST SPEAKERS MIAMI NEONATOLOGY 2019



**J.B. VAN GOUDOEVER, M.D.
Ph.D.**

Professor of Pediatrics
Head of Department of Pediatrics
Head of Pediatrics VU University Medical Center
University of Amsterdam – Faculty of Medicine
Amsterdam, Netherlands



RICHARD J. MARTIN, M.D.

Professor of Pediatrics, Reproductive Biology,
and Physiology & Biophysics
Case Western Reserve University School of
Medicine
Drusinsky/Fanaroff Professor
Director, Neonatal Research
Rainbow Babies & Children's Hospital
Cleveland, OH, United States



ALAN H. JOBE, M.D., Ph.D.

Professor of Pediatrics/Neonatology
Cincinnati Children's Hospital
University of Cincinnati School of Medicine
Cincinnati, OH, United States



**PATRICK J. MCNAMARA,
M.D., MB, BCH**

Professor of Pediatrics and Internal Medicine
Director of Neonatology Division
University of Iowa Roy J. and Lucille A. Carver
College of Medicine
Iowa City, IA, United States



**A.H.L.C. VAN KAAM, M.D.
Ph.D.**

Professor of Neonatology
University of Amsterdam – Faculty of Medicine
Head of Neonatal Intensive Care
Emma Children's Hospital
Amsterdam, Netherlands



**STEVEN PAUL MILLER,
MDCM FRCPC**

Professor, Department of Pediatrics
University of Toronto
Head of Division of Neurology
The Hospital for Sick Children
Chair, Paediatric Neuroscience
Bloorview Children's Hospital Foundation
Toronto, Canada



**SATYAN LAKSHMINRUSIMHA,
M.D.**

Professor of Pediatrics
Chair, Department of Pediatrics
UC Davis Health
Pediatrician-In-Chief
UC Davis Children's Hospital
Sacramento, CA, United States



ROBIN K. OHLS, M.D.

Professor of Pediatrics
University of Utah
Salt Lake City, UT, United States
Professor Emerita of Pediatrics
University of New Mexico
Albuquerque, NM, United States



JOHN D. LANTOS, M.D.

Professor of Pediatrics
University of Missouri – Kansas City
Director, Children's Mercy Hospital Bioethics
Center
Kansas City, MO, United States



**NIKKI ROBERTSON,
MB CHB, Ph.D.**

Professor of Perinatal Neuroscience
University College London
London, England



BETTY R. VOHR, M.D.

Professor of Pediatrics
Alpert Medical School of Brown University
Medical Director, Follow-up Clinic Program
Department of Pediatrics
Women & Infants Hospital of Rhode Island
Providence, RI, United States

UNIVERSITY OF MIAMI FACULTY



MELVIN ALMODOVAR, M.D.

Chief of Pediatric Cardiology
Associate Professor of Clinical Pediatrics
University of Miami-Miller School of Medicine
Director of the Children's Heart Center
Jackson Health System's Holtz Children's Hospital



MICHAEL J. PAIDAS, M.D.

Professor and Chair, Department of Obstetrics and Gynecology, University of Miami-Miller School of Medicine, Chief of Service, University Health Tower, University of Miami
Chief of Service, Jackson Health System



NELSON CLAURE, MSC, Ph.D.

Research Associate Professor of Pediatrics and Biomedical Engineering
Director, Neonatal Respiratory Laboratory
Division of Neonatology



AUGUSTO SCHMIDT, M.D.

Assistant Professor of Pediatrics
Division of Neonatology



DEEPAK JAIN, M.D.

Assistant Professor of Pediatrics
Division of Neonatology



SHU WU, M.D.

Professor of Pediatrics
Director, Neonatal Developmental Biology Laboratory
Division of Neonatology



TERESA DEL MORAL, M.D., Ph.D., MPH

Associate Professor of Pediatrics
Division of Neonatology



KAREN C. YOUNG, M.D.

Associate Professor of Pediatrics
Associate Director, Neonatal Fellowship Training Program
Division of Neonatology

PROGRAM DIRECTORS



EDUARDO H. BANCALARI, M.D.

Professor of Pediatrics and Obstetrics-Gynecology
Director, Division of Neonatology



CHARLES R. BAUER, M.D.

Professor Emeritus of Pediatrics, Obstetrics-Gynecology and Psychology
Associate Director, Division of Neonatology
Director, Early Steps Program

PRE-CONFERENCE PROGRAM SCHEDULE

Please register for
this activity on page 9
(WORKSHOP registration form)

PRE-CONFERENCE: "WORKSHOP ON RESPIRATORY CARE" Sunday, November 10, 2019

7:00 AM

7:45 - 8:00 AM

8:00 - 8:30 AM

8:30 - 9:00 AM

9:00 - 9:30 AM

9:30 - 9:50 AM

9:50 - 10:10 AM

10:10 - 10:40 AM

10:40 - 11:10 AM

11:10 - 11:40 AM

11:40 AM - 12:00 PM

12:00 - 1:00 PM

1:00 - 4:00 PM

4:00 PM

5:30 - 7:30 PM

REGISTRATION - CONTINENTAL BREAKFAST

WELCOME REMARKS

Eduardo Bancalari, M.D. and Nelson Claude, M.Sc. Ph.D.

MODERATOR: Eduardo Bancalari, M.D.

Initial respiratory support of the preterm infant

Teresa del Moral, M.D., Ph.D.

Volume targeted ventilation

Anton van Kaam, M.D., Ph.D.

Infant-ventilator interaction

Nelson Claude, M.Sc., Ph.D.

Q & A

BREAK – EXHIBITS

MODERATOR: Nelson Claude, M.Sc., Ph.D.

Non-invasive respiratory support

Deepak Jain, M.D.

Postnatal steroid therapy

Augusto Schmidt, M.D.

Cardiopulmonary interactions in CHD: a cardiac intensivist's perspective

Melvin Almodovar, M.D.

Q & A

LUNCH BREAK AND EXHIBITS

DISCUSSION/DEMONSTRATION SESSIONS

1. Initial respiratory support of the preterm infant

Teresa del Moral, M.D., Ph.D.

2. Volume targeted ventilation

Anton van Kaam, M.D., Ph.D.

3. Infant-ventilator interaction

Nelson Claude, M.Sc., Ph.D.

4. Non-invasive respiratory support

Deepak Jain, M.D.

5. Postnatal steroid therapy

Augusto Schmidt, M.D.

6. Cardiopulmonary interactions in CHD: a cardiac intensivist's perspective

Melvin Almodovar, M.D.

ADJOURN

EARLY CONFERENCE REGISTRATION AND RECEPTION

CONFERENCE PROGRAM SCHEDULE

Monday, November 11, 2019

7:00 AM

REGISTRATION - CONTINENTAL BREAKFAST

8:00 - 8:15 AM

WELCOME REMARKS

Charles R. Bauer, M.D. and Eduardo Bancalari, M.D.

Judy Schaechter, M.D., Chair, Department of Pediatrics

MODERATORS: Eduardo Bancalari, M.D. and

Anton van Kaam, M.D., Ph.D.

8:15 - 9:00 AM

Keynote address:

Making better babies: the future

Alan Jobe, M.D., Ph.D.

9:00 - 9:30 AM

Perinatal CMV infection

Michael Paidas, M.D.

9:30 - 10:00 AM

Pulmonary transition after preterm birth: possible interventions

Anton van Kaam, M.D., Ph.D.

10:00 - 10:30 AM

Q & A

10:30 - 11:00 AM

BREAK AND EXHIBITS

11:00 - 11:30 AM

Neonatal resuscitation: scientific basis

Satyan Lakshminrusimha, M.D.

11:30 AM - 12:00 PM

Value of early ECHO in the transitional circulation in ultra-low birth weight infants

Patrick J. McNamara, M.D.

12:00 - 12:30 PM

Should we offer resuscitation for 22 weeks?

John Lantos, M.D.

12:30 - 1:00 PM

Q & A

1:00 - 2:00 PM

LUNCH BREAK AND EXHIBITS

MODERATORS: Shahnaz Duara, M.D. and Richard J. Martin, M.D.

2:00 - 2:30 PM

Brain health in the preterm neonate: the importance of the everyday

Steven Miller, M.D.

2:30 - 3:00 PM

Tailoring therapies for neonatal encephalopathy - where will be in 5 years?

Nikki Robertson, MB

3:00 - 3:30 PM

Crosstalk between the lung and the brain: shared mechanisms of injury in the premature infant

Shu Wu, M.D.

3:30 - 4:00 PM

Brain health in newborns with congenital heart disease: the heart of the matter

Steven Miller, M.D.

4:00 - 4:30 PM

Brain protection therapies applicable to low resource settings

Nikki Robertson, MB, CHB, Ph.D.

4:30 - 5:30 PM

EXPERT PANEL: Newborn brain protection

Drs. Miller, Robertson and Wu

5:30 PM

ADJOURN

CONFERENCE PROGRAM SCHEDULE

Tuesday, November 12, 2019

7:00 AM

CONTINENTAL BREAKFAST

MODERATORS: Patrick J. McNamara, M.D. and Shu Wu, M.D.

8:00 - 8:30 AM

Initial feeding strategy for low birth weight infants

J.B. van Goudoever, M.D., Ph.D.

8:30 - 9:00 AM

Surfactant therapy: recent advances

Anton van Kaam, M.D., Ph.D.

9:00 - 9:30 AM

Management of congenital diaphragmatic hernia – what can the fetus teach us?

Satyan Lakshminrusimha, M.D.

9:30 - 10:00 AM

Q & A

10:00 - 10:30 AM

BREAK - EXHIBITS

10:30 - 11:00 AM

Respiratory and oxygenation instability in the premature: causes and consequences

Nelson Claire, M.Sc., Ph.D.

11:00 - 11:30 AM

What to do about caffeine therapy?

Richard J. Martin, M.D.

11:30 AM - 12:00 PM

Enhanced cardiovascular care of neonatal shock

Patrick J. McNamara, M.D.

12:00 - 12:30 PM

Q & A

12:30 - 2:00 PM

LUNCH BREAK AND EXHIBITS

MODERATORS: Ilene R. S. Sosenko, M.D. and Alan Jobe, M.D., Ph.D.

2:00 - 2:30 PM

Human milk and milk banking

J.B. van Goudoever, M.D.

2:30 - 3:00 PM

What is BPD in 2019?

Alan Jobe, M.D., Ph.D.

3:00 - 3:30 PM

BPD: 50 years of search for prevention

Eduardo Bancalari, M.D.

3:30 - 4:00 PM

Challenges in managing the preterm infant with pulmonary hypertension

Karen Young, M.D.

4:00 - 4:30 PM

Enhanced NICU transition home services improve outcomes, decrease rehospitalizations and decrease costs for high risk infants

Betty R. Vohr, M.D.

4:30 - 5:00 PM

Q & A

5:00 PM

ADJOURN

6:30 PM

COCKTAIL RECEPTION

CONFERENCE PROGRAM SCHEDULE

Wednesday, November 13, 2019

7:00 AM

CONTINENTAL BREAKFAST

MODERATORS: Charles Bauer, M.D. and John Lantos M.D.

8:00 - 8:30 AM

New approaches to shared decision making in the NICU

John Lantos, M.D.

8:30 - 9:00 AM

Neurodevelopmental outcomes of transfusion guidelines in the NICU

Robin K. Ohls, M.D.

9:00 - 9:30 AM

Longer term respiratory morbidity in former preterm infants

Richard J. Martin, M.D.

9:30 - 10:00 AM

Changing survival and neurodevelopmental outcomes among extremely preterm infants

Betty R. Vohr, M.D.

10:00 - 10:30 AM

Neurodevelopmental outcomes of preterm infants treated with erythropoiesis stimulating agents

Robin K. Ohls, M.D.

10:30 - 11:30 AM

EXPERT PANEL: Long-term outcomes challenges

Drs. Bauer, Lantos, Martin, Ohls, Vohr and Berkovits

11:30 AM - 12:00 PM

CLOSING REMARKS- Drs. Bancalari and Bauer

12:00 PM

ADJOURN Until 2020!!!

PRE-CONFERENCE **WORKSHOP** REGISTRATION FORM

MUST BE REGISTERED FOR MAIN CONFERENCE IN ORDER TO ATTEND WORKSHOP

(Simultaneous Spanish translations offered only during morning lectures)

Last Name: _____ First Name: _____

Middle Initial: _____ Degree: _____

E-mail address: _____

DETAILS OF WORKSHOP

Morning lectures will be 30 minutes in duration followed by discussion periods. Workshop sessions will be 60 minutes in duration and will include discussions and practical demonstrations. The discussions and demonstrations are informal sessions in which participants may directly interact with the faculty. This provides an opportunity for the practicing clinician to discuss in detail their unique problems and clinical experiences. Each discussion/demonstration group will be limited to 25 - 30 participants.

REGISTRATION FEES: ☐ Full Workshop \$275 (Advanced Registration Required)

(Lunch is included)

☐ Morning Lectures ONLY \$150 (8:00 am - 12:00 pm / Lunch not included)

There will be six simultaneous demonstration sessions in the afternoon. The sessions last 60 minutes and are repeated three times. Please list the demonstration sessions in order of preference (from 1 to 6) that you would like to attend. You will be assigned three from your priority list on a first come, first serve basis, depending on availability.

_____, _____, _____, _____, _____, _____

MIAMI NEONATOLOGY 2019 - WORKSHOP

1. Initial respiratory support of the preterm infant

Teresa del Moral, M.D.

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5. Postnatal steroid therapy

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6. Cardiopulmonary interactions in CHD: a cardiac intensivist's perspective

Melvin Almodovar, M.D.

☐ Make check payable in U.S. dollars to: Division of Neonatology - University of Miami - Miller School of Medicine

☐ Credit card: ☐ Visa ☐ Master Card

Card # _____

Expiration Date: ____/____/____ Billing Zip _____ CVV: _____ (3 digits on back of card)

Print name on card: _____ Signature: _____

Mail to: **DR. CHARLES R. BAUER**

University of Miami - Miller School of Medicine | Division of Neonatology (C-208)

Don Soffer Clinical Research Center | 1120 N.W. 14 Street, Suite 1216 | Miami, Florida 33136 U.S.A.

Afternoon Workshop Demonstrations are limited to 150 Participants
FIRST COME, FIRST SERVE.

CONFERENCE PROGRAM REGISTRATION FORM

Last Name: _____ First Name: _____

Middle Initial: _____ Degree: _____

Preferred Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____ E-mail address: _____

Contact Telephone (include area code): (____) _____ ☐ Home ☐ Office ☐ Cell

Month / Day of Birth (mm / dd): _____ (Must be provided to receive CME credits)

Nursing License # _____ (Must be provided to receive CEU credits certificate)

☐ I agree to have my email address shared with the other participants and supporters of this conference.

☐ I will utilize complimentary simultaneous Spanish translation

PROFESSION:

- ☐ Physician
☐ Nurse
☐ ARNP
☐ Respiratory Therapist
☐ Trainee
☐ Fellow
☐ Other: _____

PRACTICE:

- ☐ Private
☐ Private-University
 Affiliated
☐ Full-Time Academic
 University Based

SPECIALTY:

- ☐ Neonatology
☐ Pediatrics
☐ Obstetrics/Perinatology
☐ Others: _____

CONFERENCE REGISTRATION FEES	Early (June 3 - Sept 30, 2019)	Regular** (Oct. 1 - Nov. 4, 2019)	On-Site (Nov. 10-13, 2019)
Physicians	\$725.00	\$800.00	\$850.00
Trainees, Nurses, Therapists	\$550.00	\$625.00	\$750.00

*A letter documenting Trainee's status from Training Director must accompany registration.

**Regular registrations close on November 4, 2019. Thereafter, on-site registrations will be accepted on a space availability basis.

YOUR TUITION INCLUDES:

- CME Credit or Certificate of Attendance
- Welcome Reception
- Wi-Fi access
- Simultaneous Spanish Translation (if desired)
- Breakfast
- On-line Program Syllabus

REGISTRATION CANCELLATION POLICY: Refunds will be made only if written notice of cancellation is received prior to October 31, 2019. A \$125 fee is charged for all refunds. After this date, no refunds will be made.

REGISTRATION METHOD: Valid form of payment MUST accompany registration

"On-line" (credit cards only) www.miamineonatology.com - 24 hours a day

"Phone" (credit cards only) 305-585-7727, Mon-Fri 7am - 4pm

"Fax" (credit card or purchase order) 305-585-7738

"Mail" (check or credit card)

Cut off date: Friday, November 4, 2019.

☐ Make check payable in U.S. dollars to: Division of Neonatology - University of Miami - Miller School of Medicine

☐ Credit card: ☐ Visa ☐ Master Card

Card # _____

Expiration Date: ____/____/____ Billing Zip _____ CVV: _____ (3 digits on back of card)

Print name on card: _____ Signature: _____

Mail to: **DR. CHARLES R. BAUER**

University of Miami - Miller School of Medicine | Division of Neonatology (C-208)

Don Soffer Clinical Research Center | 1120 N.W. 14 Street, Suite 1216 | Miami, Florida 33136 U.S.A.

RESORT INFORMATION



LOEWS HOTELS

1601 Collins Avenue
Miami Beach, FL 33139

HOTEL RESERVATION INFORMATION

For your convenience, we have reserved a limited block of rooms at **special discounted prices** at the Loews Miami Beach. Reservations may be secured by calling toll-free 1-888-879-0462. In order to qualify for discounted rates, you **must first register for the conference at www.miamineonatology.com. Once registered, you can call and identify yourself as being with the University of Miami Neonatology Conference 2019**. Reservations may also be made online at: <http://www.loewshotels.com/miami-beach/miami-neonatology-2019>. Discounted rates are available until the reserved block is sold out. Due to the hotel's popularity, we encourage you to make your reservation early.

ROOM RATES:

- Guest Rooms start at \$265 per night base rate

AMENITIES INCLUDE:

- Located in the heart of South Beach.
- Guest rooms provide contemporary conveniences and views of the ocean or city skyline.
- Oceanfront pool and spa treatment rooms available.

HOTEL FEE:

Optional: A daily hotel fee of \$26.00 plus 14% tax per room per night and includes the following hotel services:

- Premium Plus upgraded internet access for up to 4 mobile devices.
- Daily Fitness Center access.
- Complimentary participation in daily meditation class on exhale spa terrace (registration required & weather permitting).
- Use of up to 4 beach chairs, daily. One chair per person.
- Use of kayaks, paddle boards and boogie boards.
- Complimentary Banana Boat rides from 10AM - 11AM daily, based upon availability.
- Unlimited local calls.

CHECK-IN & CHECK OUT:

- Standard check-in time is 4 PM, however you may process your check-in upon arrival and store your luggage at the Bell Desk until your room is ready. Rooms are guaranteed to be ready after 4 pm.
- Standard check-out time is 11 AM. Please note that late checkout requests are based upon availability on the date of departure. Additional charges may apply.

Overnight Valet Parking: \$43.87 tax included (per day). Roll-Away Fee: \$30 / per day. Cribs: no fee

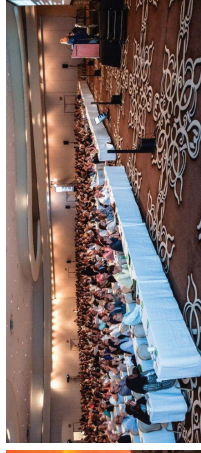
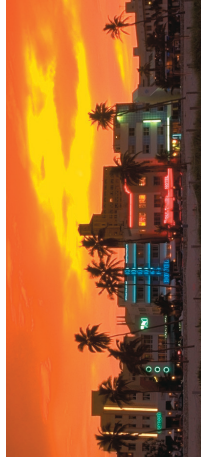
Leonard M. Miller School of Medicine
Department of Pediatrics
Division of Neonatology
P.O. Box 016960 (R-131)
Miami, Florida 33101

MIAMI NEONATOLOGY

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SAVE THE DATE: MIAMI NEONATOLOGY 2020 - 44th International Conference - November 15-18, 2020
to be held at the Loews Hotel on Miami Beach! • www.miamineonatology.com