

H2610 Section on Neonatal-Perinatal Medicine Program – Day 1

Abstract Oral Presentations and Neonatal-Perinatal Annual Awards

Saturday, October 3
3:00-6:25PM

The section's program contains scientific oral presentations, an update from the AAP Committee on Fetus & Newborn, an update from the NeoReviews Editor, and the announcement of the Young Investigator awards.

3:00PM

Welcome/Opening Day 1 Remarks

Moderators: Clara H. Song, MD 2020 SoNPM Program Chair and James Barry, MD 2020 SoNPM Abstract Chair

3:05PM

Scientific Abstract Oral Presentations: Session 1

Presentations 1-5

Moderators: Michael Posencheg, MD Executive Committee and Pui Lai, MD TECaN Early Career Rep

3:05PM

Randomized Trial of Surfactant Therapy via Laryngeal Mask
Airway vs. Brief Tracheal Intubation
Jacqueline Gallup, MD

3:20PM

Identification of Diazoxide Analogues that Stimulate
Oligodendrocyte Proliferation
Keith Shopa, MD

3:35PM

Optimal Inspired Oxygen Weaning Strategy Following Return of
Spontaneous Circulation After Perinatal Asphyxial Arrest.
Deepika Sankaran, MD

3:50PM

Treatment of human pulmonary microvascular endothelial cells
with NO leads to increased PDE3A protein expression and AMPK
activation
Amy Brown, MD

4:05PM

A Bundle of Care That Led to Sustained Low Incidence of
Necrotizing Enterocolitis in Very Low Birth Weight Infants: A 10-
Year Quality Improvement Project
Maria-Fe Villosis, MD

4:20PM

Presentation of Marshall Klaus Research Awards

Hendrick Weitkamp, MD

Sponsored by Johnson & Johnson, Mead Johnson Nutrition, SoNPM

4:25PM

Scientific Abstract Oral Presentations: Session 2

Presentations 6-10

Moderators: Beena Sood, MD Executive Committee and Jenny Koo, MD, TECaN Research/QI Chair

4:25PM

Evaluating Care in Safety Net Hospitals: Clinical Outcomes and NICU Quality of Care in California
Emily Pang, MD

4:40PM

Hospital Variation in Admissions to Neonatal Intensive Care Units by Diagnosis Severity and Category
Eman Haidari, MD

4:55PM

A Randomized Controlled Trial: How Do Flipped Classrooms and Traditional Didactics Compare for Knowledge Acquisition and Retention among Neonatal-Perinatal Medicine Fellows?
Rita Dadiz, MD

5:10PM

Operationalizing Code Event Review in a Tertiary-level Intensive Care Nursery
Laura Miller, MD

5:25PM

The Effect of Socioeconomic Risk Factors on Post-Discharge Special Services Utilization in ELGANs.
Kaashif Ahmad, MD

5:40PM

Update from the Committee on Fetus and Newborn (COFN)

James Cummings, MD COFN Chair

5:55PM

Update from NeoReviews

Dara Brodsky, MD NeoReviews Editor-in-Chief

6:10PM

Young Investigators Awards

*James Barry, MD 2020 SoNPM Abstract Chair
Sponsored by Mead Johnson Nutrition*

6:20PM

Closing Remarks Day 1

Moderator: James Barry, MD 2020 SoNPM Abstract Chair

6:25PM

Adjourn

>>Continues as H3812 Joint Program: Session with SoNPM and SoCCS Day 2

H3812 Joint Program: Section on Neonatal-Perinatal Medicine Program – Day 2
Multidisciplinary Team Approach to Caring for the Neonate with Cardiac Disease

Sunday, October 4
3:00PM – 6:15PM

This is a joint session with Section on Neonatal-Perinatal Medicine (SoNPM) and Section on Cardiology and Cardiac Surgery (SoCCS).

- 3:00PM **Welcome/Opening Day 2 Remarks**
Moderators: Antonio Cabrera, MD SoCCS Program Chair and Sarah Bernstein, MD TECAN Carer Development & Leadership Chair
- 3:05PM **Neonatal Cardiac Care Collaborative (NeoC3): Multidisciplinary Team Approach to Caring for the Neonatal Cardiac Patient**
Victor Levy, MD, MSPH, FAAP
- 3:25PM **Case-Based Discussion: Pre-operative Assessment & Management of Neonate with Cardiac Disease**
Too Little Systemic Blood Flow, Victor Levy, MD, MSPH, FAAP
Too Much Pulmonary Blood Flow, Nelangi Pinto, MD
Too Little Pulmonary Blood Flow, Laurie Armsby, MD, FAAP
- 4:25PM **Controversies in Feeding the Vulnerable Neonate with Increased Pulmonary Blood Flow**
Rune Toms, MD

Moderators: EC District II Rep Shetal Shah MD and TECaN Advocacy Chair Alison Slone MD
- 4:45PM **Case Presentation – Surgical Versus Transcatheter Closure in the Preterm Infant. When and Why?**
Ashley Lucke, MD, TECaN Chair
- 4:50PM **Panel Discussion**
Laurie Armsby, MD, FAAP; Carl Backes, Jr., MD; Maria Fraga, MD, FAAP; Robert "Jake" Jaquiss, MD; Victor Levy, MD, MSPH, FAAP; Patrick McNamara, MB BCh, MSc; Nelangi Pinto, MD; Rune Toms, MD
- 5:10PM **Non Invasive Technologies in the Hemodynamic Assessment of the Neonate**
Maria Fraga, MD, FAAP



- 5:30PM **The Hemodynamically Significant Ductus Arteriosus – Can We Define It?**
Patrick McNamara, MB BCh, MSc
- 5:50PM **Transcatheter Closure of the PDA in the ELBW Infant**
Carl Backes Jr. MD
- 6:10PM **Closing Remarks**
Moderator: Clara H. Song, MD 2020 SoNPM Program Chair
- 6:15PM **Adjourn**

>>Continues as H4404 Section on Neonatal-Perinatal Medicine Program - Day 3

H4404 Section on Neonatal-Perinatal Medicine Program – Day 3

Cardiopulmonology Dysfunction in the Preterm and Critically Ill Neonate

Monday, October 5
1:00PM–4:10PM

The final day of the section's program will focus on ventricular function of the neonate in disease states and precision medicine in hemodynamic management of the critically ill neonate.

- 1:00PM **Welcome/Opening Day 3 Remarks**
Clara H. Song, MD 2020 SoNPM Program Chair
- Moderators: EC District IV Rep Brian P. Hackett MD & TECaN Early Career Representative Shweta Parmekar, MD*
- 1:05PM **SoNPM Update**
Mark Hudak, MD
- 1:20PM **The Perils of Transitional Circulation in the Neonate**
Shahab Noori, MD, FAAP
- 1:40PM **Controversies in the Management of Hypotension in the Neonate? The Who, What, Where, When and How?**
Regan E. Giesinger, MD
- 2:00PM **Acute Pulmonary Hypertension and the Failing Heart**
Patrick McNamara, MB BCh, MSc
- 2:20PM **Case Presentation – Initial Stabilization of the Neonate with Cardiac Compromise**
Jasmeet Kataria-Hale, MD (TECaN)
- 2:25PM **Panel Discussion**
Gabriel Altit, MDCM; Shazia Bhombal, MD; Regan E. Giesinger MD; Shabab Noori, MD, FAAP, Patrick McNamara, MB Bch, MSc
- Moderators: EC District IX Rep Alexis Davis, MD & TECaN Communications Chair Sai Mukthapuram, MD*



- 2:45PM **Myocardial Dysfunction in HIE, CDH and Other Disease States**
Gabriel Altit, MD
- 3:05PM **Left Ventricular Function and Effect of the Vascular Bed**
Shazia Bhombal, MD
- 3:25PM **Precision Medicine in Hemodynamic Management of the Critically Ill Neonate**
Shahab Noori, MD, FAAP
- 3:45PM **Case Presentation – Shock Critically Ill Preterm Neonate**
Jahmed Almaazmi MD -(TECaN)
- 3:50PM **Panel Discussion**
Gabriel Altit, MD; Shazia Bhombal, MD; Regan E. Giesinger, MD; Shahab Noori, MD, FAAP, Patrick McNamara, MB Bch, MSc
- 4:10PM **Closing Remarks**
Clara Song, MD, FAAP