



40th Advances in Neonatal and Pediatric Cardiorespiratory Care
Hilton Los Angeles North/Glendale, Glendale CA

Wednesday, January 31, 2024

| Time | Title | Speaker |
|---|---|--|
| 7:00am | Registration and Refreshments | |
| Presentations: AM Moderated by Dr. Arun Pramanik PM Moderated by Dr. Donald Null | | |
| 8:00am | Opening Remarks | Donald Null, MD Emeritus Professor of Pediatrics University of Utah |
| 8:10am | <i>Special Lecture</i> <i>NonInvasive Ventilation: What is New in 2024</i> | Manoj Biniwale MD Associate Professor of Pediatrics Division of Neonatal Medicine Keck School of Medicine of USC Los Angeles General Medical Center |
| 9:05am | Special Lecture HFJV: Insight into Flow, Frequency, & Time | Keith Kohutek, BSRC, RRT-NPS Senior Clinical Specialist Bunnel Incorporated |
| 09:55am | BREAK | |
| 10:15am | Special Lecture Why HFOV is not Working and How to Fix it | Donald Null, MD Emeritus Professor of Pediatrics University of Utah |
| 11:05am | Special Lecture Management Strategies for Neonatal NAVA: what are the nuances? | Kimberly S. Firestone, MSc, RRT Akron Children's Hospital Director, Respiratory Care & Clinical Outreach Service |
| 11:50am | ABSTRACT Resistance is Defined by Impedance in Tube Dynamics: The Effect of Tube Size and Oxygen Content | Mitchell Goldstein, MD, MBA, CML Professor of Pediatrics, Loma Linda University School of Medicine |
| 12:05pm | LUNCH | |
| 1:00pm | Special Lecture Quantum Mechanics and High Frequency Ventilation | Mitchell Goldstein, MD, MBA, CML Professor of Pediatrics, Loma Linda University School of Medicine |
| 1:50pm | Special Lecture Hypotension in Preterm infants: Diagnosis and Management | Shahab Noori, MD, MS CBTI, RDCS Professor of Pediatrics Keck School of Medicine, USC |

*Agenda is subject to change without notice.



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| 2:45pm | Special Lecture Technology Competencies for Pediatric Trainees | Colleen A. Kraft, MD, MBA, FAAP Professor of Pediatrics Keck School of Medicine at the University of Southern California Division of General Pediatrics Children's Hospital Los Angeles 2018 President, American Academy of Pediatrics |
| 3:30pm- 3:45pm | BREAK | |
| 3:45pm | Abstract Factors Predictive of serial abnormal neurological examinations in the first 36 months of life in very low birth weight infants | Harini Thirumalai Research Assistant, Neonatology Keck School of Medicine at USC |
| 4:00pm | Special Lecture Neonatal Neuromonitoring in the Critically Ill Infant | Valerie Chock, M.D., M.S. Epi Arline and Pete Harman Endowed Faculty Scholar, Stanford Maternal & Child Health Research Institute Associate Professor of Neonatology Stanford University School of Medicine |
| 4:55pm | Closing Remarks | Dr. Donald Null |

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Thursday, February 1, 2024

| Time | Title | Speaker |
|--|---|---|
| 7:00am | Registration and Refreshments | |
| Presentations: AM Moderated by Dr. Mitchell Goldstein PM Moderated by Dr. Arun Pramanik | | |
| 8:00am | Special Lecture Update on PDA Occlusions in very low birth weight infants | Frank Ing, MD Chief, Co-Director, Division of Pediatric Cardiology Pediatric Heart Center UC Davis Health Center |
| 8:55am | Special Lecture Update on Neonatal Seizures | Arthur Partikian, MD Clinical Associate Professor of Pediatrics & Neurology Keck School of Medicine of USC Director, Division of Child Neurology at LAC+USC Medical Center |
| 9:50am | ABSTRACT Predictors for abnormal neurodevelopmental pattern detection in very low birth weight infants using Bayley Scales of Infant and Toddler Development - III scores in the first 3 years of life | Harini Thirumalai Research Assistant, Neonatology Keck School of Medicine at USC |
| 10:05am | BREAK | |
| 10:30am | ABSTRACT Novel technique for managing mucous plugging in the extremely low birth weight neonate using flexible fiberoptic bronchoscopy | Tiffany Campbell, MD Pediatric Resident, PGY2 Joe DiMaggio Children's Hospital Memorial Healthcare System |
| 10:45am | Special Lecture Neonatal PICC Lines are not Benign | Frank Ing, MD Chief, Co-Director, Division of Pediatric Cardiology Pediatric Heart Center UC Davis Health Center |
| 11:40am | ABSTRACT Advances in Neonate and Pediatric Cardiopulmonary System <i>*This session is not eligible for CME/CE</i> | Georgette A. Adeyiga, MBBS of Medicine |
| 12:00pm | LUNCH | |
| 1:00pm 2:20pm 3:40pm | Recurring Workshops A. Functional Echocardiography B. Lung US | A. Dr. Yogen Singh, Dr. Shahab Noori, Dr. Manoj Biniwale, Dr. Mahmood Ebrahimi |

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| | <p>C. aEEG /NIRS Workshop D. Noninvasive Ventilation</p> | <p>B. Dr. Amy Yeh & Dr. Jennifer Shepherd</p> <p>C. Dr. Valerie Chock & Kathi S. Randall, MSN, NNP-BC</p> <p>D. Dr. Manoj Biniwale</p> |
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40th Advances in Neonatal and Pediatric Cardiorespiratory Care
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Friday, February 2, 2024

| Time | Title | Speaker |
|--|---|--|
| 7:00am | Registration and Refreshments | |
| Presentations: AM Moderated by Dr. Donald Null PM Moderated by Dr. Mitchell Goldstein | | |
| 8:00am | ABSTRACT Revolutionizing Growth: Unleashing the Power of Targeted Total Parenteral Nutrition Strategies | Mitchell Goldstein, MD, MBA, CML Professor of Pediatrics, Loma Linda University School of Medicine |
| 8:15am | Special Lecture Nutritional approach for neonates with congenital heart disease | Cynthia L Blanco, MD Professor, Department of Pediatrics Chief, Division of Neonatology Director, Neonatal Nutrition and Bone Institute, University Health System Greehey Family Foundation Chair in Neonatology Research The University of Texas Health Science Center San Antonio |
| 9:00am | <i>Robert A deLemos Memorial Lecture</i> Is there a Role of Inhaled Nitric Oxide in Premature Infants-Revisited? | Arun Pramanik, MD, DCH, FAAP, FIAP Professor of Pediatrics LSU Health, Shreveport, LA |
| 9:50am | BREAK | |
| 10:15am | Special Lecture Nutritional Management of the NANO Preterm Infant | Cynthia L Blanco, MD Professor, Department of Pediatrics Chief, Division of Neonatology Director, Neonatal Nutrition and Bone Institute, University Health System |
| 11:05am | Special Lecture Fetoscopy and stem cells in fetal surgery | Shinjiro Hirose, MD Vice Chair Dept of Surgery Chief Div. of Pediatric Surgery UC Davis Medical Center |
| 12:00pm | LUNCH | |

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| 1:00pm | Special Lecture RSV New Therapies | Mitchell Goldstein, MD, MBA, CML Professor of Pediatrics, Loma Linda University School of Medicine |
| 2:00pm | Special Lecture Physiology Based Management of Septic Shock and Cardiocentric Management | Yogen Singh, MBBS, MD Professor, Pediatrics, Neonatology Division, Loma Linda University School of Medicine |
| 2:50pm | ABSTRACT Mode of respiratory management of preterm lambs affects long-term outcomes of neurobehavior and insulin-like growth factor-1 expression and epigenetic profile in the hippocampus | Andrew Rebentisch University of Utah-Department of Pediatrics |
| 3:05pm- 3:20pm | BREAK | |
| 3:20pm | ABSTRACT AVR-48 treatment appears to improve respiratory system mechanics in former preterm lambs | Andrew Rebentisch University of Utah-Department of Pediatrics |
| 3:35pm | ABSTRACT Multi-Institutional and Multi-Disciplinary Collaboration for an Exceptional Neonatal Intensive Care Education (NICE) Quality Improvement Initiative | Piyawat Arichai, MD, FAAP LA General Medical Center NPM Fellow |
| 3:50pm | Special Lecture Antibiotic Stewardship: The Good the Bad and the Ugly | Donald Null, MD |
| 4:30pm | Closing Remarks Door Prize | Donald Null, MD |

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