

37th Annual Conference
Advances in Therapeutics and Technology: Critical Care of Neonates, Children, and Adults
The Cliff Lodge and Spa in Snowbird, UT

TUESDAY, MARCH 24, 2020

EVENING SESSION

Time	Title	Speaker
3:00pm- 5:00pm	Pre-registration <i>Primrose B Lobby</i>	
Abstract Presentations: Moderated by Arun Pramanik, MD		
5:00pm	Opening Remarks	Arun Pramanik, MD Professor of Pediatrics, Louisiana State University School of Medicine
5:25pm	Abstract Presentation Receipt of Palivizumab Among Infants equal or < 34 w GA Discharged Home from Birth Hospitalization 2009-2017 RSV Seasons	Adam Bloomfield MD
5:45pm	Abstract Presentation Predictors of Palivizumab Administration Among Infants equal or < 36 w GA Discharged Home from Birth Hospitalization During 2009-2017 RSV Seasons	Adam Bloomfield MD
6:05pm	Special Lecture <i>Respiratory Syncytial Virus: What is New and Where are we Going</i>	Mitchell Goldstein, MD Director, Neonatal ECMO Professor of Pediatrics, Division of Neonatology, Loma Linda University Children's Hospital
7:00pm	Conclusion	

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WEDNESDAY, MARCH 25, 2020

MORNING SESSION

Time	Title	Speaker
7:00am- 8:00am	Continental Breakfast Vendors: Primrose A Registration: Primrose B Lobby	
Presentations: Moderated by Stephen Derdak, DO		
8:00am	Abstract Presentation <i>Mechanical and Bubble CPAP: Ultrasound Comparison of Gastric Emptying Rates</i>	Arkar Ye Hlaing MD
8:20am	Abstract Presentation Metabolomics in a Clinical Care Environment: Perioperative environmental exposure to cyclohexanone during neonatal congenital cardiac surgery is associated with decreased Neurodevelopmental outcomes	David Graham, M.Sc., Ph.D
8:45am	Abstract Presentation Can Bubble CPAP Enhance High Frequency Jet Ventilation	Mitchell Goldstein MD
9:05am	Special Lecture <i>Lessons Learned on the Road to Lung Protective Ventilation</i>	John Arnold MD Professor Harvard Medical School Pediatric Critical Care and Anesthesia Boston Children's Hospital
10:05am	Break	
10:35am	Abstract Presentation Variations in Caffeine Use for Apnea of Prematurity in The United States	Evan Sander MD
10:55am	Special Lecture "Rapid Precision Medicine: Lessons from 1,000 NICU infant genomes"	Stephen Kingsmore MD, DSc President/CEO Rady Children's Institute for Genomic Medicine
12:00pm	Break SPECIAL SESSION	
1:00 PM 3:00PM	Revolutionizing Home Care of the NICU Graduate Neonatal Resuscitation Workshop: Scenarios with Development of Check Lists with Pre-briefs and De-briefs	Ross Sommers MD Anup Katheria, MD

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WEDNESDAY, MARCH 25, 2020

EVENING SESSION

Time	Title	Speaker
4:00pm- 5:00pm	Light Refreshments/Vendors <i>Primrose A</i>	
Presentations: Moderated by Donald Null, MD		
5:00pm	Abstract Presentation <i>Neurobehavioral Outcomes of Former Preterm Lambs are Better when Respiratory Management is Noninvasive compared to Invasive</i>	E. Dawson
5:20pm	Abstract Presentations <i>Noninvasive Resuscitation and Continuing Respiratory Support of Preterm Lambs Leads to Appropriate Alveolar Capillary Growth</i>	A Rebentisch
5:40pm	Abstract Presentation <i>Decreasing Continuous Positive Airway Pressure(CPAP) Failure in Preterm Infants by Optimizing CPAP and Less Invasive Surfactant Administration (LISA)</i>	Venkatakrishna Kakkilaya MD
6:05pm	Special Lecture <i>Robert DeLemos Memorial Lecture</i> Telemedicine A Neonatologist's Perspective and Use	Stephen Minton MD, FFAP Chief Neonatology Utah Valley Hospital Medical Director Intermountain Healthcare Newborn Services
7:05	Break	

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THURSDAY, MARCH 26, 2020

MORNING SESSION

Time	Title	Speaker
7:00am-8:00am	Continental Breakfast/Vendors <i>Primrose A</i>	
Presentations: Moderated by Mitchell Goldstein, MD		
8:00am	Special Lecture <i>Fetal Surgery Risks and Benefits</i>	Shinjiro Hirose MD Vice Chair Dept of Surgery Chief Div. of Pediatric Surgery UC Davis Medical Center
9:10am	<i>Implementation of a High Frequency Jet Ventilation Program Over the Years</i>	Brian Simmons B,Sc, (Hons), BM, MMed, FRCPC.
10:00am	Break <i>Refreshments/Vendors: Primrose A</i>	
10:25am	Workshop #1 Ventilators	Each ventilator workshop will repeat so participants will be able to attend Each workshop
11:15am	Workshop #2 Ventilators	
12:05pm	Break	

Thursday PM

1:00-2:00

A. High Frequency Nasal Ventilation Donald Null MD

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THURSDAY, MARCH 26, 2020

EVENING SESSION

Time	Title	Speaker
4:00pm-5:00pm	Light Refreshments/Vendors <i>Primrose A</i>	
Presentations: Moderated by Arun Pramanik, MD		
5:00pm	Special Lecture Heated Humidified High Flow Nasal Cannula vs, CPAP: What is the Evidence	Donald Null MD
5:55pm	Presentation of the 27th Annual Jimmy Schulz Award Presentation of the 22st Annual Jack Emerson Award	Donald Null MD
6:05pm	<i>Special Lecture</i> <i>Assessment of Cardiac Function in the ECMO Patient both Pre-ECMO and while on ECMO</i>	Donald McCurnin MD Professor of Pediatrics UT San Antonio, Texas
7:05pm	Break	

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FRIDAY, MARCH 27, 2020

MORNING SESSION

Time	Title	Speaker
7:00am- 8:00am	Continental Breakfast/Vendors <i>Primrose A</i>	
Presentations: Moderated by Stephen Derdak, DO		
8:00am	Special Lecture Long Term Health Outcomes of Oxygen Exposure in Preterm Infants from a Mouse's Perspective	Michael O'Reilly Ph.D.
8:55am	Special Lecture <i>Case Scenarios of Special Patients</i> <i>How to tell when your Evidenced Based Protocol</i> <i>Is not Likely to Work</i>	Donald Null MD, Professor of Pediatrics Director NICU and Neonatal Transport UC Davis Children's Hospital
9:55am	Break Refreshments/Vendors: <i>Primrose A</i>	
10:20am	Special Lecture <i>Neonatal Necrotizing Enterocolitis: An Update</i>	Arun Pramanik MD
11:00am	Special Lecture <i>Adult Cardiopulmonary Sequelae of Preterm Birth</i>	Stephen Derdak DO
12:00pm	Break	

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Time	Title	Speaker
4:00pm- 5:00pm	Light Refreshments/Vendors <i>Primrose A</i>	
Presentations: Moderated by Arun Pramanik, MD		
5:00pm	Abstract Inadvertent High Frequency Ventilation Associated with High Flow Nasal Cannula and Temperature Variation	Mitchell Goldstein MD
5:20 PM	Electrical Impedance Tomography: Benefits and Limitations	Karel Roubik Ph.D.
6:10pm	Special Lecture Innovation in Antithrombogenic Coatings for Extracorporeal Life Support	Teryn Roberts, PhD
7:00pm	HFVP To be Announced	G Sarduci Roma Italy
7:10pm	Closing	

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SATURDAY, MARCH 28, 2020

MORNING SESSION

Time	Title	Speaker
7:00am- 8:00am	Continental Breakfast/Vendors <i>Primrose A</i>	
Presentations: Moderated by Mitchell Goldstein, MD		
8:00am	Abstract Presentation <i>To Be Determined</i>	Abstract Presenter
8:30am	Special Lecture Update on ARDS	Stephen Derdak MD
9:30am	Special Lecture <i>Diagnosis of Inhalation Injury Severity</i> <i>Using Optical Coherence Tomography</i>	Teryn Roberts PhD
10:35am	Break <i>Primrose A</i>	
11:00am	Conference Summary and Closing Remarks	Donald Null, MD
11:15am	<i>Thank you!</i>	

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