

**36<sup>th</sup> Annual Conference**  
**Advances in Therapeutics and Technology: Critical Care of Neonates, Children, and Adults**  
**The Cliff Lodge and Spa in Snowbird, UT**

**TUESDAY, MARCH 26, 2019**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
3:00pm-5:00pm	<p style="text-align: center;"><b>Pre-registration</b>  <i>Primrose B Lobby</i>  <b>Light Refreshments/Vendors: <i>Primrose A</i></b></p>	
<b>Abstract Presentations: Moderated by Arun Pramanik, MD</b>		
5:00pm	<b>Opening Remarks</b>	Arun Pramanik, MD Professor of Pediatrics, Louisiana State University School of Medicine
5:30pm	<p style="text-align: center;"><b>Abstract Presentation</b>  <i>Mask Resuscitation and Continuing Non-invasive Respiratory Support Leads to Better Alveolar Formation Compared to Mechanical Ventilation (MV) Resuscitation and Continuing MV of Preterm Lambs</i></p>	A. Rebentisch
5:40pm	<p style="text-align: center;"><b>Abstract Presentation</b>  <i>Assessment of the Number of Neuronal Progenitor Cells in the Brain of Preterm Lambs</i></p>	A. Nabi
6:15pm	<p style="text-align: center;"><b>Special Lecture</b>  <i>Respiratory Syncytial Virus Update 2018: Still a Threat</i></p>	Mitchell Goldstein, MD Director, Neonatal ECMO Professor of Pediatrics, Division of Neonatology, Loma Linda University Children's Hospital
7:15pm	<b>Conclusion</b>	

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**WEDNESDAY, MARCH 27, 2019**  
**MORNING SESSION**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
7:00am-8:00am	<b>Continental Breakfast</b> Vendors: <a href="#">Primrose A</a> Registration: <a href="#">Primrose B Lobby</a>	
<b>Presentations:</b> Moderated by Stephen Derdak, DO		
8:00am	<b>Abstract Presentation</b> <i>Implementing the Use of Early Lung Recruitment for Newborn Respiratory Management in a Level II Nursery</i>	Julia Thomas RN, BSN, DNP Candidate
8:20am	<b>Abstract Presentation</b> <i>Determining an Optimal Weaning Method of Nasal Continuous Positive Airway Pressure (CPAP) in Preterm Neonates</i>	Venkatakrishna Kakkilaya MD UT Southwestern Medical Center Dallas, Texas
8:40am	<b>Abstract Presentation</b> <i>HFOV Tidal Volumes with Inspiratory Percent at 30 vs. 33 at the Next Higher Hertz</i>	Jeffrey Wright, BS, RRT/NPS
9:00am	<b>Special Lecture</b> <i>Persistent Pulmonary Hypertension in the Preterm Newborn Etiologies and Cardiopulmonary Management</i>	Donald Null MD Director NICU and Neonatal Transport UC Davis Professor of Pediatrics
10:00am	<b>Break</b>	
10:30am	<b>Abstract Presentation</b> <i>The Effects of Altitude and Definition on Bronchopulmonary Dysplasia and the Role for the NRN BPD Prediction Algorithm</i>	Kristina Gulliver MD
11:00am	<b>Special Lecture</b> Genetic Architecture of Alveolar Formation a Path to Unraveling Pathogenesis of BPD	Parviz Minoo PhD
12:05pm	<b>Break</b>	
1:00pm	<b>Ultrasound Workshop</b>	Dalibor Kurepa MD

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**EVENING SESSION**

Time	Title	Speaker
4:00pm- 5:00pm	<b>Light Refreshments/Vendors</b> <i>Primrose A</i>	
<b>Presentations:</b> Moderated by Donald Null, MD		
5:00pm	<b>Abstract Presentation</b> <i>Balance Between Proliferation and Apoptosis of Interstitial Cells Remains Constant in the Lung of Former Preterm Lambs, Regardless of the Mode of Respiratory Support After Preterm Birth</i>	B. Cutler
5:15pm	<b>Special Lecture</b> <i>The role of industry and physicians for improved patient care</i>	<b>Colleen Kraft MD</b> <b>President of American Academy of Pediatrics</b>
6:05pm	<b>Special Lecture</b> <i>Robert DeLemos Memorial Lecture</i> <i>BPD New Concepts in Pathogenesis and Prevention</i>	Rashmin Savani MD
7:05	<b>Break</b>	

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**THURSDAY, MARCH 28, 2019**

**MORNING SESSION**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
7:00am-8:00am	<b>Continental Breakfast/Vendors</b> <i>Primrose A</i>	
<b>Presentations:</b> Moderated by Mitchell Goldstein, MD		
8:00am	<b>Special Lecture</b> When, Why and How HFJV	J. Bert Bunnell ScD
8:30am	<b>Special Lecture</b> <i>Metabolic Disturbances of Prematurity When How and Who to Treat</i>	Cynthia Blanco MD
9:30am	<b>Workshop #1</b> <i>Point of Care Ultrasound in Diagnosis and Treatment in Neonates</i>	Dalibor Kurepa MD
10:05am	<b>Break</b> <i>Refreshments/Vendors: Primrose A</i>	
10:35am	<b>Workshop #2</b> <b>ventilators</b>	
11:15am	<b>Workshop #3</b> <b>Ventilators</b>	
12:05pm	<b>Break</b>	

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4:00pm- 5:00pm	<b>Light Refreshments/Vendors</b> <i>Primrose A</i>	
<b>Presentations:</b> Moderated by Arun Pramanik, MD		
5:00pm	<b>Abstract Presentation</b> <i>Effects of soft PVC Foam in Reducing Nasal Skin Breakdown in Preterm Neonates Receiving Non-invasive Ventilation Via RAM Nasal Cannula</i>	Vita Boyer MD
5:20pm	<b>Abstract Presentation</b>  Jet58: HFJV and Confessions of a NICU Mom	Kuljit Minhas RRT, BSc
5:55pm 6:00pm	<b>Presentation of the 26<sup>th</sup> Annual Jimmy Schulz Award</b> <b>Presentation of the 21<sup>st</sup> Annual Jack Emerson Award</b>	Donald Null MD
6:05pm	<i>Special Lecture</i> <i>Results of the Drager High Frequency Ventilation Study</i>	Martin Keszler, MD
7:05pm	<b>Break</b>	

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**MORNING SESSION**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
7:00am-8:00am	<b>Continental Breakfast/Vendors</b> <i>Primrose A</i>	
<b>Presentations:</b> Moderated by Stephen Derdak, DO		
8:00am	<b>Abstract Presentation</b> <i>Is Conventional Ventilation Actually High Frequency Ventilation in Disguise?</i>	Mitchell Goldstein MD
8:25am	<b>Abstract Presentation</b> <i>Delivered HFOV Amplitudes at 30 vs. 33 Inspiratory Percent</i>	Jeffrey Wright, BS, RRT/NPS
8:50am	<b>Special Lecture</b> <i>Transcatheter Occlusion of the PDA in Very Low Birth Weight Infants</i>	Frank Ing MD
10:00am	<b>Break</b> <i>Refreshments/Vendors: Primrose A</i>	
10:30am	<b>Abstract Presentation</b> Neonatology Today: Statistics, Logistics, and You	Mitchell Goldstein MD
10:40am	<b>Abstract Presentation</b> <b>Vapotherm and High Flow Nasal Cannula- Flow and Pressure dynamics</b>	Luis Rivera
11:00am	<b>Special Lecture</b> <i>Update on Non-invasive Ventilation and Airway Clearance Techniques for Large Patients</i>	Stephen Derdak DO
12:00pm	<b>Break</b>	

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**FRIDAY, MARCH 29, 2019**

**EVENING SESSION**

Time	Title	Speaker
4:00pm- 5:00pm	<b>Light Refreshments/Vendors</b> <i>Primrose A</i>	
<b>Presentations: Moderated by Arun Pramanik, MD</b>		
5:00pm	<b>Special Lecture</b> <b>Use of the VDR and HFOV in Adults with Severe Pulmonary Disease</b>	Stephen Derdak, DO
6:00pm	<b>Special Lecture</b> <i>Management of Inhalation Lung Injury Biology, Medications and Respiratory Support</i>	Leopoldo Cancio MD
7:00pm	<b>HFVP How it Compares in the Era of Telemedicine</b>	G Sarduci Roma Italy
7:10pm	<b>Closing</b>	

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**SATURDAY, MARCH 30, 2019**

**MORNING SESSION**

Time	Title	Speaker
7:00am-8:00am	<b>Continental Breakfast/Vendors</b> <i>Primrose A</i>	
<b>Presentations:</b> Moderated by Mitchell Goldstein, MD		
8:00am	<b>Abstract Presentation</b> <i>To Be Determined</i>	Abstract Presenter
8:30am	<b>Special Lecture</b> <i>Present and Future of Telemedicine</i>	Bill Beninat MD
9:30am	<b>Special Lecture</b> <i>Wearable Combat Resuscitation Organ Support System</i>	Andriy Batchinsky MD
10:35am	<b>Break</b> <i>Primrose A</i>	
11:00am	<b>Conference Summary and Closing Remarks</b>	Donald Null, MD
11:15am	<i>Thank you!</i>	

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