

35th Annual Conference
Advances in Therapeutics and Technology: Care of Critically Ill Neonates, Children, and Adults
 The Cliff Lodge and Spa in Snowbird, UT
 April 3, 2018

Time	Title	Speaker
3:00pm-5:00pm	Pre-registration Cliff Lodge Meeting Room	
Abstract Presentations: Moderated by Arun Pramanik, MD		
5:00pm	Opening Remarks	Arun Pramanik, MD
5:20pm	<i>Continuous Infusion of IGF-1 Protein Complex for 3 Days Does Not Harm the Lung of Mechanically Ventilated Preterm Lambs</i>	M J Dahl et al Univ. of Utah
5:40pm	<i>Structural Development of the Brain of Former Preterm Lambs with Behavioral Defecits</i>	K Albertine et al Univ. of Utah
6:00pm	Special Lecture <i>Respiratory Syncytial Virus Update 2018: Still a Threat.</i>	Mitchell Goldstein, MD
7:00pm	Conclusion	

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 April 4, 2018
 Wednesday Morning Session

Time	Title	Speaker
7:00am-8:00am	Continental Breakfast Vendors: Magpie Room Registration: Cliff Ballroom	
Presentations: Moderated by Stephen Derdak, DO		
8:00am	<i>The International Children's Advisory Network: A Novel Approach to Youth and Family Engagement</i>	Charles Thompson
8:30am	<i>Stabilizing Minute Ventilation Using a Fixed Servo Pressure in High-Frequency Jet Ventilation</i>	J Goldstein Brown University
8:45am	<i>Determination of Optimal Endotracheal Tube Tip Depth from the Gum in Neonates by X-ray and Ultrasound</i>	D. Kurepa et al Cohen Children's Medical Center NY
9:00am	Special Panel Discussion <i>What is/should be the Role of Industry (representatives) in the Hospital and/or Your Practice</i>	Colleen Kraft, MD., FAAP President AAP plus selected others
10:15am	Break	
10:45am	<i>The Use of Mini Bronchial Alveolar Lavage (Mini-BAL) as Part of a Neonatal Antibiotic Stewardship Program</i>	T Iannetta et al Mott Children's Hospital Ann Arbor MI
11:05am	Special Lecture <i>Antibiotic Stewardship</i>	Arun Pramanik MD
12:05pm	Break	

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 April 4, 2018
 Wednesday Evening Session

Time	Title	Speaker
Light Refreshments/Vendors Magpie Room		
Presentations: Moderated by Donald Null, MD		
5:00pm	<i>Special Lecture</i> <i>New Priorities in Combat Casualty Care.</i> <i>Introduction of a round table on prolonged field care and aeromedical evacuation.</i>	Michael Davis MD Director Combat Casualty Care Research Program Andriy Batchinsky MD
6:00pm	Special Lecture <i>Lung Growth and Development Early in Life</i>	Robert S. Tepper, MD
7:00pm	Conclusion	

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Advances in Therapeutics and Technology: Care of Critically Ill Neonates, Children, and Adults
April 5, 2018
Thursday Morning Session*

Time	Title	Speaker
7:00am-8:00am	Continental Breakfast/Vendors Magpie Room	
Presentations: Moderated by Mitchell Goldstein, MD		
8:00am	<i>Point of Care Ultrasound in Diagnosis, Treatment and Follow-up of Neonatal Peripheral Intravenous Extravasation Injuries</i>	D Kurepa Cohen Children's Medical Center NY
8:15am	Special Lecture <i>Use of pulse oximeter to screen Critical Congenital Heart Disease</i>	Mitchell Goldstein MD
9:15am	Workshop #1	
10:05am	Break Refreshments/Vendors: Magpie Room	
10:35am	Workshop #2	
11:15am	Workshop #3	
12:05pm	Break	

35th Annual Conference
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 April 5, 2018
 Thursday Evening Session

Time	Title	Speaker
4:00pm- 5:00pm	Light Refreshments/Vendors Magpie Room	
Presentations: Moderated by Donald Null, MD		
5:00pm	<i>The Lighter Side of High Frequency Ventilation: Fluid and Pressure Mechanics with Heliox</i>	A Pulak et al Loma Linda Univ Children's Hospital CA
5:15pm	<i>Ambient Noise Production by High-Frequency Neonatal Ventilators</i>	J Goldstein et al Brown University RI
5:30pm	<i>Neonatal Neuroimaging after Repair of Congenital Diaphragmatic Hernia Predicts Two-Year Neurodevelopmental Outcome</i>	J Gunn PhD et al Royal Children's Hospital Melbourne Australia
5:45pm	<i>Pulmonary Interstitial Emphysema in Premature Infants: Old Enemy of New Generation</i>	P Bhatt et al LAC+USC Medical Center/Children's Hospital , LA CA
6:00pm	Presentation of the 25th Annual Jimmy Schulz Award	
6:05pm	Presentation of the 20th Annual Jack Emerson Award	
6:10pm	Special Lecture 21th Robert deLemos Memorial Lecture <i>Management of Pulmonary Hypertension in Infants and Children Beyond the Neonatal Period</i>	Steven Abman, MD
7:10pm	Conclusion	

35th Annual Conference
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 April 6, 2018
 Friday Morning Session

Time	Title	Speaker
7:00am-8:00am	Continental Breakfast/Vendors Magpie Room	
Presentations: Moderator Andriy Batchinsky MD <i>Special session: Round table: Prolonged field care and aeromedical Evacuation</i>		
8:00am	<i>Extracorporeal life support as a platform intervention in prolonged field care</i>	Andriy Batchinsky MD
8:10am	<i>A Novel Training Platform for Life-Saving Interventions During Prolonged Field Care</i>	D S Wendorff Geneva Foundation
8:25am	<i>New Approaches to Anticoagulation Management; Changes in ECLS Outcome in a Single Center</i>	Philip Spinella MD Geneva Foundation
8:50am	<i>Special Lecture</i> <i>Disturbances of Coagulation during Extracorporeal Life Support</i>	Andre Cap. MD, PhD
9:35am	<i>Prolonged Field Care through the Lens of Norwegian Special Forces</i>	CDR Geir Strandenes
10:15am	Break	
10:35am	<i>Adjunct use of Mechanical Ventilation and Veno-venous ECLS in a Model of Prolonged Field Care and Ground and High-Altitude Evacuation</i>	B M Beely et al Geneva Foundation
10:50am	<i>Effects of Temperature Correction on main Arterial Blood Gas Values in a Combat Relevant Model of Lung Injury Treated with Therapeutic Hypothermia</i>	Andriy Batchinsky MD
11:00am	Special Lecture <i>Strategies to Achieve a Successful Quality Improvement Initiative</i>	Jeffrey Gould, MD
12:00pm	Break	

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 Friday Evening Session

Time	Title	Speaker
4:00pm- 5:00pm	Light Refreshments/Vendors Magpie Room	
Presentations: Moderated by Arun Pramanik, MD		
5:00pm	<i>SPECIAL LECTURE</i> <i>Role and Delivery of Aerosol Therapy in Pulmonary</i> <i>Critical Care</i>	James B Fink PhD, RRT, FCCP No CE offered
6:00pm	Special Presentation <i>Sequelae of Preterm Lung Disease in Adolescents and Adults</i>	Stephen Derdak DO
7:00pm	<i>Why is HFVP so Successful and Where is it Going</i>	G. Sarduci
7:10pm	Conclusion	

35th Annual Conference
Advances in Therapeutics and Technology: Care of Critically Ill Neonates, Children, and Adults
 April 7, 2018
 Saturday Morning Session

Time	Title	Speaker
7:00am-8:00am	Continental Breakfast/Vendors Magpie Room	
Presentations: Moderated by Arun Pramanik, MD		
8:00am	<i>Preterm Birth and 3 Days of Mechanical Ventilation Appear to Reduce Capillary Surface Density in Brain White Matter of Lambs</i>	L. Pettit et al Univ of Utah
8:15am	<i>Histone Deacetylase Inhibitor Analog, M4PTB, Improves Alveolarization in the Lung of Mechanically Ventilated Preterm Lambs</i>	MJ Dahl et al Univ of Utah
8:30am	<i>Using Orange Juice for IV Fluid Resuscitation, is Normal Saline the Best Choice for Volume Replacement?</i>	M Goldstein et al
8:45am	<i>The Effects on Humidity When the Temperature Probe is not Placed Proximal to the Patient Wye</i>	J Wright
9:00am	<i>Pop-Off Pressure is Dependent on Maintenance of Flow</i>	M Goldstein et al Loma Linda Children's Hospital
9:15am	Break	
9:30am	Special Lecture <i>Noninvasive/Less Invasive Ventilation and Appropriate Patient Selection</i>	Donald Null MD
10:30am	Conference Summary an Closing Remarks	
10:45am	<i>Thank you!</i>	