

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

Wednesday, MARCH 24, 2021

Time	Title	Speaker
8:00am	Opening remarks	Arun Pramanik, MD Professor of Pediatrics, Louisiana State University School of Medicine
8:10am	Abstract Presentation Receipt of Palivizumab Among Infants equal or < 34 w GA Discharged Home from Birth Hospitalization 2009-2017 RSV Seasons	Adam Bloomfield, MD
8:30am	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
8:50am	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
9:50am	Neonatal Resuscitation Workshop: Scenarios with Development of Check Lists with Pre-briefs and De-briefs	Anup Katheria, MD
10:45am	Abstract Presentation <i>Decreasing CPAP Failure in Preterm Infants by Optimizing CPAP and LISA</i>	Venkatakrisna Kakkilaya, MD
11:05am	Electrical Impedance Tomography: Benefits and Limitations	Karel Roubik, PhD
12-1pm	Break: Exhibit Hall Zoom Link: https://zoom.us/j/92004155267?pwd=Y2ZtanZVa3p2VHJQMjJjbFZCTGZlZz09	
1:00pm	Special Lecture Long Term Health Outcomes of Oxygen Exposure in Preterm Infants from a Mouse's Perspective	Michael O'Reilly, Ph.D.
2:00pm	Update on transcatheter occlusion of the PDA in very low birth weight infants	Frank Ing, MD
3:00pm	Scenarios of Special Newborns. How to tell when your evidence based protocol is not likely to work	Donald Null MD, Professor of Pediatrics Director NICU and Neonatal Transport UC Davis Children's Hospital
3:50pm	Metabolomics in a Clinical Care Environment: Perioperative environmental exposure to cyclohexanone during neonatal congenital cardiac surgery is associated with decreased Neurodevelopmental outcome	David Graham, M.Sc., Ph.D
4:15pm	Technology and how it could address health disparities in children	Colleen Kraft, MD

*Agenda is subject to change without notice.

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Thursday, MARCH 25, 2021

Time	Title	Speaker
8:00am	Diaphragmatic Hernia Strategy to improve survival and reduce the need for ECMO	Bradley Yoder, MD
9:00am	Assessment of Cardiac function in the ECMO patient both Pre-ECMO and while on ECMO	Donald McCurnin, MD
10:00am	<i>Implementation of a High Frequency Jet Ventilation Program Over the Years</i>	Brian Simmons, B,Sc, (Hons), BM, MMed, FRCP.
11:00am	Special Lecture <i>Adult Cardiopulmonary Sequelae of Preterm Birth</i>	Stephen Derdak, DO
12-1pm	Break: Exhibit Hall Zoom Link: https://zoom.us/j/92004155267?pwd=Y2ZtanZVa3p2VHJQMjJjbFZCTGZlZz09	
1:00pm	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
2:00pm	<i>Abstract</i>	
2:20pm	<i>Abstract</i>	
2:40pm	<i>Abstract</i>	
3:00pm	Special Lecture <i>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
4:00pm	Abstract	
4:20pm	Abstract	
4:40pm	Abstract Intensive Care on the Go: Practical Evaluation of the Simplified Automated Ventilator II as Adjunct to Mobile Extracorporeal Life Support in Management of Trauma-Induced Respiratory Failure	Brendan Beely, RRT

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Friday, MARCH 26, 2021

Time	Title	Speaker
8:00am	<i>Special Lecture</i> A protocol approach to use investigative tools to diagnose genetic disorder in the Neonate	Lisa A. Schimmenti, MD Department of Clinical Genomics, Professor of Pediatrics, Co-Director, Medical Scientist Training Program (MD/PhD), Consultant, Departments of Clinical Genomics, Otorhinolaryngology, Head and Neck Surgery, and Biochemistry and Molecular Biology, Mayo Clinic School of Medicine
9:00am	<i>Special Lecture</i> Advances in microfluidic organ support technology	Jeffrey Borenstein, PhD
10:00am	<i>Abstract Presentation</i> Diagnosis of inhalation injury severity using optical coherence tomography	Jae Choi
10:35am	<i>Abstract Presentation</i> Twins Covid positive mother 1 positive 1 negative	Donald Null MD, Professor of Pediatrics Director NICU and Neonatal Transport UC Davis Children's Hospital
10:50am	Covid-19 Multisystem Inflammatory Syndrome in Children	Joseph Bocchini, MD Associate Chair of Pediatrics Tulane University
11:35am	Update on Covid-19 Vaccinations	Joseph Bocchini, MD
12-1pm	<i>Break: Exhibit Hall Zoom Link:</i> https://zoom.us/j/92004155267?pwd=Y2ZtanZVa3p2VHJQMxJjbFZCTGZlZz09	
1:00pm	Covid-19 in NYC: The Epicenter (Safety & New Approaches)	Felix Khusid, RRT
2:00pm	Innovation in Antithrombogenic Coatings for Extracorporeal Life Support	Teryn Roberts, PhD
3:00pm	Protecting the Lung: Ventilator Optimization during VV ECMO	Steve Conrad, MD, PhD
3:55pm	<i>ECMO for the Covid-19 Patient</i>	Steve Derdak, DO
4:45pm	<i>Conference summary closing remarks Plan for 2022</i> <i>Mitch has 2 abstracts</i>	Donald Null, MD

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