

**Advances in Premature Lung Protection at UT Southwestern 2023:
 "Say No to Mechanical Ventilation in Preterm Infants"
 Friday, October 27, 2023**

Learning Objectives

1. Discuss the opportunities and challenges of noninvasive support of preterm infants.
2. Apply Hands on strategies for optimizing face mask positive pressure ventilation (PPV) in extremely preterm infants in the DR.
3. Identify and discuss strategies to optimize CPAP in DR, transport and NICU.
4. Apply less invasive surfactant administration (LISA), using direct laryngoscopy and video laryngoscopy.
5. Discussion and hands on learning application of SALSA in preterm infants.
6. Discuss the role of POC lung ultrasound in the respiratory management of preterm infants and hands on learning using simulation modules.

Onsite and Virtual Didactic Session

7:30 - 8:00 am	Registration / Sign in / Breakfast / Exhibitor Visit	
8:00 - 9:00 am	Keynote Lecture: "Less Invasive Surfactant Therapy in Extremely Preterm Infants: Opportunities and Challenges"	Dr. Angela Kribs, MD Cologne University, Germany
9:00 - 9:15 am	Keynote Lecture: Q&A	
9:15 - 10:00 am	Preventing Intubation in the Delivery Room: First Step in "Say No to Mechanical Ventilation"	Dr. Vishal Kapadia, MD UT Southwestern Medical Center, Dallas, TX
10:00 - 10:30 am	Networking Break / Exhibit Visit	
10:30 - 11:15 am	Say No to Mechanical Ventilation: Strategies to Optimize Non Invasive Support in the NICU	Dr. Venkat Kakkilaya, MBBS UT Southwestern Medical Center, Dallas, TX
11:15 am - 12:00 pm	Surfactant Administration through Laryngeal or Supraglottic Airway	Dr. Kari Roberts, MD University of Minnesota, Minneapolis, MN
12:00 - 12:45 pm	Lung Ultrasound in Neonatology	Dalibor Kurepa, MD Zucker School of Medicine, Hofstra, NY
12:45 - 1:30 pm	Lunch / Exhibit Visit	

WORKSHOPS

Onsite Workshop and Skills Stations		Objective
1:30 - 1:55 pm	Skill Station 1: 23 wk infant requiring PPV in DR	Highlight the importance of face mask PPV and MR SOPA corrective steps in the DR to avoid the need for intubation. Debriefing in real time.
1:55 - 2:00 pm	Rotate / Break	
2:00 - 2:25 pm	Skill Station 2: 23 week infant stabilization on CPAP in the DR and NICU	Highlight optimal CPAP set up in DR and NICU, timely interventions for maintaining adequate FRC. Achieving best outcomes with QI in any setting.
2:25 - 2:30 pm	Rotate / Break	
2:30 - 2:55 pm	Skill Station 3: 23 wk infant on CPAP getting LISA by using conventional laryngoscopy	Hands on learning of LISA procedure using conventional laryngoscopy.
2:55 - 3:00 pm	Rotate / Break	
3:00 - 3:25 pm	Skill Station 4: 23 wk infant on CPAP getting LISA by using video laryngoscopy.	Hands on learning of LISA procedure using video laryngoscopy.
3:25 - 3:30 pm	Rotate / Break	
3:30 - 3:55 pm	Skill Station 5: 32 wk infant on CPAP getting SALSA	Hands on learning of SALSA procedure.
3:55 - 4:00 pm	Rotate / Break	
4:00 - 4:25 pm	Skill Station 6: POC lung ultrasound	Hands on learning of LUS in the evaluation of RDS, pneumothorax, pulmonary edema, BPD and other diseases.
4:25 - 4:45 pm	Wrap-up / Final Questions / Adjourn	