

Expert Summit on Negative Pressure Ventilation

Date: October 9, 2025

Location: Jacobs School of Medicine and Biomedical Sciences

Morning Session: Clinical Expertise and Evidence

- **8:00 – 8:15 AM** – Welcome and Opening Remarks **Benny Joyner, MD MPH** (*UBMD Pediatrics, University at Buffalo*)
- **8:15 – 8:45 AM** – Overview of NPV in Pediatric Respiratory Care – **Bree Kramer, DO** (*Oishei Children's Hospital*)
- **8:45 – 9:15 AM** – NPV in Acute Respiratory Failure – **Omar Alibrahim, MD** (*Duke University*)
- **9:15 – 9:45 AM** – NPV in Cardiac ICU – **Shriprasad Deshpande, MD** (*Children's National*)
- **9:45 – 10:15 AM** – NPV in Fontan Physiology – **Pradeepkumar Charla, MD** (*University of Rochester*)
- **10:15 – 10:30 AM** – Coffee Break

Late Morning Session: Special Populations and Systems of Care

- **10:30 – 11:00 AM** – NPV in Neuromuscular Disorders – **Geovanny Perez, MD** (*Jacobs School of Medicine Biomedical Sciences*)
- **11:00 – 11:30 AM** – NPV: The RT Perspective – **Marc Leaderstorf, RT** (*Kaleida Health System*)
- **11:30 – 12:00 PM** – Role of NPV in Comfort and End-of-Life Care – **David Steinhorn, MD** (*UCSF-Fresno*)
- **12:00 – 1:00 PM** – Networking Lunch

Afternoon Session: Research, Demonstration, and Consensus

- **1:00 – 1:30 PM** – NPV's role in Pandemic Response – **James Hereth, MD** (*Buffalo General and Oishei Children's Hospital*)
- **1:30 – 2:00 PM** – Research Gaps, Registry Potential & Future Directions – **Amanda Hassinger, MD** (*Jacobs School of Medicine and Biomedical Sciences*)
- **2:00 – 3:00 PM** – Hands-On NPV Demonstration and Simulation – **Andrew Mulvaugh** (*Director of RT*) and **PICU Nursing Team**
 - Includes live demonstrations and team-based simulations involving physicians, RTs, and nurses.
- **3:00 – 4:30 PM** – Consensus Development Session led by **Geovanny Perez, MD** (*Jacobs School of Medicine and Biomedical Sciences*)
 - Drafting Consensus Elements
 - Distribution of Work and Next Steps
- **4:30 PM** – Closing Remarks and Adjournment