

## What Is the Best First Respiratory Support in Preterm Infants? Webinar

### **Internet Live Activity**

**Date:** 12/07/2022

**Time:** 04:00 – 05:00 p.m. EDT

**Location:** Live Webinar (hosted via GoToWebinar)

### **Accreditation**

The Pediatrix Center for Research, Education, Quality and Safety is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Pediatrix Center for Research, Education, Quality and Safety designates this Internet Live Activity for a maximum of 1 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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### **Mitigation of Relevant Financial Relationships**

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### **Disclosure of Relevant Financial Relationships**

**Bradley Yoder, M.D.**, faculty for this educational activity, has the following relevant financial relationship(s) with ineligible companies to disclose: *Grant or Research Support – Vapotherm*.

*FDA Disclosures: Investigational therapies will be discussed that are not FDA approved including stem cell, modified surfactants and newer high-frequency ventilators used in clinical practice outside the United States.*

**Timothy Biela, MD, Nicole Brenson, Jaya Sariga, NNP-BC**, planners of this educational activity, have no relevant financial relationships with ineligible companies to disclose.

### **Commercial Support**

There is no commercial support for this educational activity.

### **Overview**

With more recent improvements in the survival of extremely preterm infants in the 22-25 weeks range, the optimal approaches to initial respiratory support will be reviewed to minimize gaps that may exist in current knowledge or existing practice.

**Objectives**

*At the conclusion of this activity, the participant will be able to:*

- Describe the basic aspects of lung development at 22-25 weeks and the impact of potentially toxic insults in the ex-utero environment.
- Discuss the unique operative features of high-frequency and conventional ventilators and how they optimize early lung inflation.
- Identify deficiencies in evidence from past trials regarding optimal approaches to early ventilator care in the most immature infants.

**ACGME/ABMS Competencies**

- Patient Care & Procedural Skills
- Medical Knowledge
- Practice-Based Learning and Improvement

**IOM Competencies**

- Provide patient-centered care
- Employ evidence-based practice

***Evaluation, Attendance and Credit***

Within <https://pediatrix.cloud-cme.com>, click My CE and then select Evaluations and Certificates. Follow the instructions to record attendance/time spent and complete the brief evaluation. You will have the option to email the certificate of attendance to your mailbox.