

## Probiotics: What We Know and Don't Know

### ***Internet Enduring Material***

**Release Date:** 01/05/2024

**Expiration Date for Credit:** 01/04/2027

*Content was originally presented as part of the Pediatrix Neonatology Grand Rounds series on January 3, 2024.*

### ***Accreditation***

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### ***Time to Complete***

The estimated time for completion of this Internet Enduring Material is 65 minutes.

### ***Target Audience***

This presentation is intended for physicians, advanced practice providers, and other clinicians practicing within the Neonatology specialty.

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

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

**Ravi M. Patel, MD, MSc**, faculty for this educational activity, has the following relevant financial relationship(s) with ineligible companies to disclose: Noveome-Consultant; Infant Bacterial Therapeutics/Premier Research-Data Monitoring Committee. *FDA Disclosures:* Probiotics will be discussed. FDA has not approved any probiotic product for use as a drug or biological product in infants, including to treat or prevent a disease or condition in infants.

**Timothy Biela, MD, Nicole Brenson and 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**

In September 2023, the FDA issued a warning regarding probiotic supplementation in the preterm infant population. This activity will review recent clinical trials and meta-analyses on the evidence surrounding probiotic use, NEC rates in the United States, and regulatory considerations related to the warning. At the conclusion of the activity, attendees will critically review and evaluate probiotic use in their own units, along with the FDA guidance, and determine if any interventions are necessary.

### **Objectives**

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

- Describe an update on recent evidence on probiotics supplementation in preterm infants.
- Discuss the landscape of probiotic use and experiences in U.S. centers.
- Identify regulatory considerations related to probiotic supplementation in preterm infants.

### ACGME/ABMS Competencies

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

### IOM Competencies

- Employ evidence-based practice
- Apply quality improvement

### **Participation and Credit**

Participants are expected to review all content in the video, access reference materials as needed for additional self-directed learning, take and score 75% or greater correct on the post-test, and complete the evaluation in order to earn *AMA PRA Category 1 Credit(s)*<sup>™</sup>, or nursing contact hour(s).

There are no fees for participating in or receiving credit for this online educational activity. For information on the applicability and acceptance of credit for this activity, please consult your professional licensing board.

### **Contact**

Should you have any questions or concerns, please contact us at [continuing.education@pediatrix.com](mailto:continuing.education@pediatrix.com)