



Practical Consideration for Probiotics in the NICU

Internet Enduring

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Target Audience:

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

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Ravi Patel, MD, MSc Disclosure(s) - *Data safety monitoring committee - Infant Bacterial Therapeutics / Premier Research. FDA: Probiotics are not FDA approved for the prevention of any neonatal diseases.*

Timothy Biela, MD Disclosure(s) - I/we have no financial relationships to report.

Nicole Brenson, MEd Disclosure(s) - I/we have no financial relationships to report.

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Commercial Support:

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Gap or Purpose:

Cumulative evidence demonstrates probiotics given to preterm infants reduces necrotizing enterocolitis (NEC), sepsis and mortality. This presentation will address the gap between the evidence regarding probiotic use and the current routine use of probiotics in NICUs to prevent NEC, sepsis and death.

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

ACCME Objectives

1. Identify the risk factors for necrotizing enterocolitis and the risks of dysbiosis in preterm infants.
2. Interpret the evidence from studies of probiotics use in preterm infants.
3. Discuss similarities and differences of various probiotic strains and products, including data on effect as well as quality considerations.
4. Identify key strategies for the implementation of probiotic use in the NICU.

CME – ACGME/ABMS Competencies

1. Patient Care and Procedural Skills
2. Practice-Based Learning and Improvement

ANCC Learning Outcomes

1. Identify the risk factors for necrotizing enterocolitis and the risks of dysbiosis in preterm infants.
2. Interpret the evidence from studies of probiotics use in preterm infants.
3. Discuss similarities and differences of various probiotic strains and products, including data on effect as well as quality considerations.
4. Identify key strategies for the implementation of probiotic use in the NICU.

ANCC – IOM Competencies

1. Employ evidence-based practice

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 70% or greater correct on the post test, and complete the evaluation in order to earn *AMA PRA Category 1 Credit(s)[™], nursing contact hour(s), and/or pharmacotherapeutics contact hour(s).*

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Contact:

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