

New Publications in 2023-24 That Should Change NICU Care

Internet Enduring Material

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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.

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Disclosure of Relevant Financial Relationships

Reese H. Clark, MD, faculty for this educational activity, does not have any relevant financial relationship(s) with ineligible companies to disclose. *FDA Disclosures:* none reported.

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

This presentation will review recently published articles that should influence health care decisions for neonates who need intensive care: the role of human milk feedings in improving health outcomes and reducing neonatal morbidities; a recent trial evaluating the safety and efficacy of ibuprofen for closing the PDA; the role of oral valganciclovir for treatment in infants with congenital cytomegalovirus and an abnormal hearing screen; and, “How much oxygen is too much oxygen in infants born with significant perinatal distress?” At the conclusion of this activity, learners will critically evaluate the information to determine if any changes in treatment are merited and if so, initiate an evidenced-based intervention in their NICU.

Objectives

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

- Discuss the role of supplementation with human milk-based fortifier (HMBF), as compared to bovine milk-based fortifier to reduce the incidence of necrotizing enterocolitis, sepsis, and mortality in extremely preterm infants exclusively fed human milk.
- Describe role of human milk feedings in improving health outcomes and reducing neonatal morbidities.
- Evaluate the safety and efficacy of ibuprofen for closing the patent ductus arteriosus.
- Discuss the role of oral valganciclovir for treatment in infants with congenital cytomegalovirus and an abnormal hearing screen.
- Examine the results of a recent clinical trial comparing eat, sleep, console approach, or usual care for neonatal opioid withdrawal.

ACGME/ABMS Competencies

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

IOM Competencies

- Provide Patient-Centered Care
- 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 75% or greater correct on the post-test, and complete the evaluation in order to earn *AMA PRA Category 1 Credit(s)*[™], or nursing contact hour(s).

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