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Groundbreaking Neonatology Articles – A Year in Review

Internet Enduring Material
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Content was originally presented as part of the Pediatrix Neonatology Grand Rounds series on November 4, 2026.

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
Reese H. Clark, MD, faculty for this educational activity, has no relevant financial relationships with ineligible companies to disclose. *FDA Disclosure(s)*: off-label discussion of morphine, methadone, vitamin K, sildenafil, erythropoietin, ibuprofen, and dextrose gel.
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 activity addresses a professional practice gap between rapidly emerging evidence and its consistent application in clinical care. The presentation critically appraises the past year's most influential maternal and neonatal literature, including delivery room stabilization, neonatal opioid withdrawal, neuroprotection and intraventricular hemorrhage, nutrition, and neonatal randomized clinical trials. At the conclusion of the activity, participants should be better able to evaluate new evidence and apply it in practice.

Objectives

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

- Identify the important effects of vitamin K prophylaxis to prevent infant bleeding.
- Describe the effect of erythropoietin on outcomes of infants being treated with therapeutic hypothermia.
- Review the appropriate use of oxygen in the delivery room.

ACGME/ABMS Competencies

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

IOM Competencies

- 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).

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