

Furosemide to Prevent Bronchopulmonary Dysplasia

Internet Enduring Material

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Content was originally presented as part of NEO: The Conference for Neonatology on February 22, 2024.

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Time to Complete

The estimated time for completion of this Internet Enduring Material is 45 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

Matthew Laughon, MD, MPH, faculty for this educational activity, has the following relevant financial relationship(s) with ineligible companies to disclose: Membership on Advisory Committees or Review Panels, Board Membership, etc.-Evide Biotech (Relationship has ended). *FDA disclosure: off-label use of furosemide.*

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. *Please note: the content of this educational activity was originally presented at NEO: The Conference for Neonatology on February 22, 2024, which was supported in part, through a restricted medical education grant from Abbott Nutrition.*

Overview

Diuretics are frequently utilized in the Neonatal Intensive Care Unit (NICU) with varying practices. This session will provide learners with a comprehensive review of the most current evidence-based practices for the administration of diuretics in the NICU setting. Participants will gain insights into the latest research regarding the efficacy and safety of furosemide, including an in-depth discussion of its evidence-based side effects.

Objectives

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

- Review diuretics, particularly furosemide, within the Neonatal Intensive Care Unit (NICU).
- Summarize the most frequent side effects associated with furosemide, with a focus on those supported by evidence-based research.
- Illustrate the preliminary pulmonary and lung effects related to the use of furosemide in neonatal patients.

ACGME/ABMS Competencies

- Medical Knowledge
- Patient Care and Procedural Skills
- 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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