

What We Know or Don't Know About Neonatal Pain and Sedation Management

Internet Enduring Material

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Content was originally presented as part of NEO: The Conference for Neonatology on February 23, 2024.

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Time to Complete

The estimated time for completion of this Internet Enduring Material is 50 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

David Riley, MD, MBA, faculty for this educational activity, has the following relevant financial relationship(s) with ineligible companies to disclose: Employment-Ayuviv Research Inc. *FDA disclosure: off-label use of Dexmedetomidine, Morphine, Midazolam, Lorazepam, Fentanyl.*

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 23, 2024, which was supported in part, through a restricted medical education grant from Abbott Nutrition.*

Overview

There is limited data on the safety and efficacy of most agents routinely used to provide pain and sedation to infants. This activity will review the existing literature to highlight current findings and the limitations of practice recommendations thereby enhancing clinical decision-making for pediatric patients.

Objectives

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

- Describe the major categories and mechanisms of action of pharmacologic agents utilized for pain management and sedation in neonates.
- Analyze the limitations of efficacy associated with pharmacologic agents used to treat pain and sedation in neonates.
- Assess the potential harms related to the use of pharmacologic agents in treating pain and sedation in neonates.

ACGME/ABMS Competencies

- Medical Knowledge
- Patient Care and Procedural Skills
- Systems-based Practice

IOM Competencies

- Employ Evidence-based Practice
- Utilize Informatics

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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