

Surfactant in the Preterm Infant

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.

Mitigation of Relevant Financial Relationships

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Disclosure of Relevant Financial Relationships

Fernando Moya, MD, faculty for this educational activity, has the following relevant financial relationships with ineligible companies to disclose: Speakers Bureau-Mead Johnson Nutrition; Grant or research support-Mead Johnson Nutrition, Burroughs Wellcome, Abbott Labs, Chiesi, ONY, Windtree Therapeutics; Consulting Fee-Chiesi Labs, Windtree Therapeutics. *FDA Disclosure(s)*: discussion of surfactant administration studies using approaches not approved by the FDA.

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

Surfactant use varies widely across NICUs in the United States. This presentation will review surfactant therapy for preterm infants with Respiratory Distress Syndrome (RDS), covering current practices, evidence from major trials, emerging non-invasive techniques, and future therapeutic directions. At the conclusion of the activity, learners will critically evaluate current interventions in their own units to determine if changes to surfactant protocols are merited and if so, implement at least one strategy, new technique(s), or intervention(s) to assist in clinical decision-making.

Objectives

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

- Describe the pros and cons of different modes of surfactant administration.
- Summarize the clinical evidence supporting the different modes of surfactant administration.
- Explain the current status of using surfactant as a vehicle for delivering other agents into the lungs.

ACGME/ABMS Competencies

- Medical Knowledge

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