

Less Invasive Surfactant Administration (LISA)

Internet Enduring Material

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Content was originally presented at NEO: The Conference for Neonatology on February 19, 2020.

Accreditation:

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Time to Complete:

The estimated time for completion of this Internet Enduring Material is 30 minutes.

Target Audience:

This presentation is intended for physicians, advanced practice providers, and other clinicians practicing within the Neonatology specialty.

Disclosure of Financial Relationships:

Disclosure of Financial Relationships and Resolution of Conflicts of Interest is designed to ensure quality, objective, balanced, and scientifically rigorous continuing education activities. All individuals in a position to influence and/or control the content of continuing education activities have been asked to disclose all relevant financial relationships within the past 12 months. Any real or apparent conflicts of interest related to the content of the faculty's presentation have been resolved as have any real or apparent conflicts of interest by the planners as related to the content of this conference. Beyond disclosure of relevant financial relationships, faculty are required to disclose when they plan to discuss pharmaceuticals and/or medical devices that are not approved by the FDA and/or medical or surgical procedures that involve an unapproved or "off-label" use of an approved device or pharmaceutical. The MEDNAX Center for Research, Education, Quality and Safety is committed to providing learners with commercially unbiased continuing education activities.

The planners, moderators or speakers of this activity have the following financial relationship(s) with commercial interests to disclose:

Thais O. Queliz, MD - Neonatologist, MEDNAX/ Pediatrix Medical Group of Florida, Winnie Palmer Hospital for Women and Babies, Orlando, FL. Disclosure(s) - I/we have no financial relationships to report. FDA: Nothing to disclose.

Nicole Brenson, MEd Disclosure(s) - I have no financial relationships to report.

Kassandra S Greci, DNP, APRN, WHNP-BC Disclosure(s) - I have no financial relationships to report.

Commercial Support:

There is no commercial support for this educational activity.

Please note: the content of this educational activity was originally presented at a live conference (NEO: The Conference for Neonatology) on February 19, 2020, which was supported in part, through restricted medical education grants from Mead Johnson Nutrition, Mallinckrodt Pharmaceuticals, and Abbott Nutrition.

Purpose/Gap: The purpose of this educational activity is to enhance clinician knowledge in the ever-changing area of complications associated with Neonatology as well as promising new techniques and interventions for improving outcomes in this arena. Surfactant administration via LISA (Less Invasive Surfactant Administration) is becoming more widely used among Neonatal Intensive Care Units (NICU) around the world, however further studies are needed to resolve uncertainties of this method. This presentation will address the existing uncertainties of the (LISA) method and review existing literature supporting the use of LISA.

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

1. Articulate the advantages of using the LISA technique in comparison to the standard InSurE (Intubate-Surfactant-Extubate) technique on the outcomes of Respiratory Distress Syndrome (RDS) and Bronchopulmonary Dysplasia (BPD).
2. Discuss the differences between the European and US perspectives on the use of the LISA method within the NICU.
3. Describe LISA implementation process at Winnie Palmer Hospital (WPH), including staff concerns and perceptions.
4. Deconstruct the preliminary comparison data analysis between the LISA vs InSurE techniques on the outcomes of respiratory distress syndrome treatment in preterm infants of 25 - 31 weeks gestational age.

CME – ACGME/ABMS Competencies

1. Patient Care and Procedural Skills
2. Medical Knowledge

ANCC Learning Outcomes

1. Articulate the advantages of using the LISA technique in comparison to the standard InSurE (Intubate-Surfactant-Extubate) technique on the outcomes of Respiratory Distress Syndrome (RDS) and Bronchopulmonary Dysplasia (BPD).
2. Discuss the differences between the European and US perspectives on the use of the LISA method within the NICU.
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ANCC – IOM Competencies

1. 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)[™], nursing contact hour(s), or pharmacotherapeutic contact hour(s).*

There are no fees for participating in or receiving credit for this online educational activity. For information on 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@mednax.com