

Seizure Management in the NICU

Internet Enduring Material

Release Date: 09/08/2023

Expiration Date for Credit: 09/07/2026

Content was originally presented as part of the Pediatrix Neonatology Grand Rounds series on September 6, 2023.

Accreditation

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Time to Complete

The estimated time for completion of this Internet Enduring Material is 70 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

The Pediatrix Center for Research, Education, Quality and Safety adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers, or others are required to disclose all financial relationships with ineligible companies within the 24 months prior to their involvement with the CE activity. All relevant financial relationships listed have been mitigated prior to the commencement of the activity. Beyond the disclosure of 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.

Disclosure of Relevant Financial Relationships

Andy Kim, M.D., faculty for this educational activity, does not have any relevant financial relationship(s) with ineligible companies to disclose. *FDA Disclosure:* Dr. Kim will discuss how bumetanide failed as a potential antiseizure medication for newborns. Because it failed, Dr. Kim will not be talking about its clinical use.

Timothy Biela, MD, Nicole Brenson, 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

Not every neonatologist may be familiar with the clinical approach and the conceptual understanding of neonatal seizures from the neurologist's perspective. Understanding the neurologist's approach will help facilitate teamwork and optimal neurological outcome for the baby. At the conclusion of the activity, participants will appropriately implement at least one new strategy, technique(s) or intervention(s) in seizure management.

Objectives

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

- Describe the different types of neonatal seizures and their semiology.
- Discuss the causes of neonatal seizures and how to diagnose these diseases and disorders.
- Identify potentially treatable but otherwise catastrophic encephalopathies that present with neonatal seizures.
- Characterize the antiseizure medications commonly used to treat newborns and analyze their relative strengths and weaknesses.

ACGME/ABMS Competencies

- Patient Care & Procedural Skills
- Medical Knowledge

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).

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