

Post-Hemorrhagic Hydrocephalus: Definition, Treatment, and Outcomes

Internet Enduring Material

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Time to Complete

The estimated time for completion of this Internet Enduring Material is 60 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

Keith Barrington, MD, faculty for this educational activity, has no relevant financial relationships with ineligible companies to disclose. *FDA Disclosure(s)*: none to report.

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

This activity provides an evidence-based review of post-hemorrhagic hydrocephalus in preterm infants, addressing a recognized practice gap created by wide regional variation and the frequent absence of institutional management guidelines. Learners will appraise current evidence from the DRIFT and ELVIS randomized controlled trials and supporting meta-analyses regarding the optimal timing and thresholds for neurosurgical intervention and their impact on shunt dependence and neurodevelopmental outcomes. Upon completion, participants should be better able to translate this evidence into individualized, guideline-informed clinical decisions with the goal of improving outcomes for preterm infants with post-hemorrhagic ventricular dilatation.

Objectives

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

- Describe the pathophysiology of post-hemorrhagic hydrocephalus.
- Evaluate evidence from the DRIFT and ELVIS randomized trials on the timing of neurosurgical intervention.
- Identify early versus late intervention thresholds and their impact on shunt dependence and neurodevelopmental outcomes.

ACGME/ABMS Competencies

- Patient Care and 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).

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Should you have any questions or concerns, please contact us at continuing.education@pediatrix.com