

## Management of Post-Hemorrhagic Ventricular Dilatation in the Preterm Infant

***Internet Enduring Material***

***Release Date:*** 02/05/2021

***Expiration Date for Credit:*** 02/04/2024

*Content was originally presented as part of the MEDNAX Neonatology Grand Rounds series on February 3, 2021.*

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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.

***Disclosure of Financial Relationships:***

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

**Mohamed El-Dib, MD** Disclosure(s) – Grant for Investigator Initiated Research-Medtronic, Inc. *FDA Disclosures:* None to report.

**Timothy Biela, MD** Disclosure(s) - I have no financial relationships to report.

**Nicole Brenson, MS.Ed** 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.

**Overview:**

Early standardized interventions aiming at cerebral spinal fluid (CSF) and blood removal, based on ventricular measurements, in PHVD, can reduce brain injury and improve neurodevelopmental outcomes. This presentation will address the variability in management of post-hemorrhagic ventricular dilation (PHVD) in the preterm infant, and aim to help providers understand the pathogenesis of PHVD and how it contributes to brain injury and recognize the association of ventricular size with neurodevelopmental outcome. Recognize the importance of a standardized approach for early management of PHVD.

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

ACCME Objectives

1. Discuss the incidence and outcomes of post-hemorrhagic ventricular dilation (PHVD) in the preterm infant.
2. Explain the pathogenesis of PHVD and how it contributes to brain injury.
3. Summarize the association of ventricular size with neurodevelopmental outcome.
4. Describe the importance of a standardized approach for early management of PHVD.

CME – ACGME/ABMS Competencies

1. Patient Care and Procedural Skills
2. Medical Knowledge

ANCC Learning Outcomes

5. Discuss the incidence and outcomes of post-hemorrhagic ventricular dilation (PHVD) in the preterm infant.
6. Explain the pathogenesis of PHVD and how it contributes to brain injury.
7. Summarize the association of ventricular size with neurodevelopmental outcome.
8. Describe the importance of a standardized approach for early management of PHVD.

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)*<sup>™</sup> or *nursing 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](mailto:Continuing_Education@mednax.com)