

Posthemorrhagic hydrocephalus of prematurity

- [Growth Factors and the Choroid Plexus: Their Role in Posthemorrhagic Hydrocephalus](#)
- [Neuroinflammation in an optimized model of lysophosphatidic acid \(LPA\)-induced post-hemorrhagic hydrocephalus](#)
- [Delayed-Interval Delivery in Multifetal In Vitro Fertilization \(IVF\) Pregnancies: Two Case Reports](#)
- [Preterm Hemorrhagic Brain Injury: Recent Advances on Evaluation and Management](#)
- [Modeling Posthemorrhagic Hydrocephalus of Prematurity in Rats](#)
- [Histopathological and functional Characterization of a neonatal mouse model of intraventricular hemorrhage](#)
- [Neurodevelopmental outcomes of permanent and temporary CSF diversion in posthemorrhagic hydrocephalus: a Hydrocephalus Clinical Research Network study](#)
- [Neuroendoscopic lavage for posthemorrhagic hydrocephalus of prematurity: preliminary results at a single institution in the United States](#)

see [Pediatric hydrocephalus](#).

Epidemiology

Even with improved prenatal and neonatal care, [intraventricular hemorrhage](#) (IVH) occurs in approximately 25%-30% of [preterm infants](#), with a subset of these patients developing [hydrocephalus](#).

Diagnosis

[Posthemorrhagic hydrocephalus of prematurity diagnosis](#).

Management

Considerable variability exists in diagnosis and management of PHVD in preterm infants among Canadian tertiary centers and between Canadian and European practices. Given the potential implications of the inter-center practice variability on the short- and long-term outcomes of preterm infants with PHVD, efforts towards evidence-based Canada-wide practice standardization are underway ¹⁾.

Treatment

[Posthemorrhagic hydrocephalus of prematurity treatment](#).

Outcome

[Posthemorrhagic hydrocephalus of prematurity outcome.](#)

Case series

[Posthemorrhagic hydrocephalus of prematurity case series.](#)

References

¹⁾

Afifi J, Leijser LM, de Vries LS, Shah PS, Mitra S, Brouwer MJ, Walling S, McNeely PD. Variability in the diagnostic and management practices of post-hemorrhagic ventricular dilatation in very preterm infants across Canadian centers and comparison with European practices. J Neonatal Perinatal Med. 2022 Nov 30. doi: 10.3233/NPM-221071. Epub ahead of print. PMID: 36463462.

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