

Germinal Matrix Hemorrhage (Germinal matrix hemorrhage on neonatal cranial US with Transcranial Doppler (TCD))

One of the significant risks to premature neonates is germinal matrix hemorrhage and its complications. This condition is usually diagnosed with cranial ultrasound, combined with transcranial Doppler (TCD). Accurately and consistently describing the features facilitates management of this condition.

This module provides a structured list of the sonographic features for the user to select. The report is constructed from these fields. Graphics are available that can assist the user in recognizing these features.

References:

- Bowerman RA, et al. Natural History of Neonatal Periventricular/Intraventricular Hemorrhage and Its Complications: Sonographic Observations. AJR 1984;143: 1041-1052. 10.2214/ajr.143.5.1041
- Brouwer AJ, et al. Early and late complications of germinal matrix hemorrhage-intraventricular hemorrhage in the preterm infant: what is new? Neonatology 2014; 106:296-303.