

Cerebral protection means the [prevention](#) of cerebral neuronal damage. Severe brain damage extinguishes the very “human” functions such as speech, consciousness, intellectual capacity, and emotional integrity.

Rhee et al. reviewed [neonate](#) pressure [autoregulation](#) and autoregulation monitoring techniques with a focus on [brain protection](#). Current clinical therapies have failed to fully prevent permanent brain injuries in neonates. Adjuvant treatments that support and optimize autoregulation may improve neurologic outcomes ¹⁾.

¹⁾

Rhee CJ, da Costa CS, Austin T, Brady KM, Czosnyka M, Lee JK. Neonatal cerebrovascular autoregulation. *Pediatr Res*. 2018 Sep 8. doi: 10.1038/s41390-018-0141-6. [Epub ahead of print] Review. PubMed PMID: 30196311.

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