

Hypoxic-Ischemic Encephalopathy (HIE)

References

Acun C, Karnati S, Padiyar S, Puthuraya S, Aly H, Mohamed M. Trends of neonatal hypoxic-ischemic encephalopathy prevalence and associated risk factors in the United States, 2010 to 2018. Am J Obstet Gynecol. 2022 Jun 8:S0002-9378(22)00443-4. doi: 10.1016/j.ajog.2022.06.002. Epub ahead of print. PMID: 35690081.

Azzopardi DV, Strohm B, Edwards AD, Dyet L, Halliday HL, et al; TOBY Study Group. Moderate hypothermia to treat perinatal asphyxial encephalopathy. N Engl J Med. 2009 Oct 1;361(14):1349-58. doi: 10.1056/NEJMoa0900854. Erratum in: N Engl J Med. 2010 Mar 18;362(11):1056. PMID: 19797281.

Cowan F, Rutherford M, Groenendaal F, Eken P, Mercuri E, et al. Origin and timing of brain lesions in term infants with neonatal encephalopathy. Lancet. 2003 Mar 1;361(9359):736-42. doi: 10.1016/S0140-6736(03)12658-X. PMID: 12620738.

Gluckman PD, Wyatt JS, Azzopardi D, Ballard R, Edwards AD, et al. Selective head cooling with mild systemic hypothermia after neonatal encephalopathy: multicentre randomised trial. Lancet. 2005 Feb 19;365(9460):663-70. doi: 10.1016/S0140-6736(05)17946-X. PMID: 15721471.

Namusoke H, Nannyonga MM, Ssebunya R, Nakibuuka VK, Mworzi E. Incidence and short term outcomes of neonates with hypoxic ischemic encephalopathy in a Peri Urban teaching hospital, Uganda: a prospective cohort study. Matern Health Neonatol Perinatol. 2018 Mar 7;4:6. doi: 10.1186/s40748-018-0074-4. PMID: 29556412; PMCID: PMC5840790.

Shankaran S, Laptook AR, Ehrenkranz RA, Tyson JE, McDonald SA, et al; National Institute of Child Health and Human Development Neonatal Research Network. Whole-body hypothermia for neonates with hypoxic-ischemic encephalopathy. N Engl J Med. 2005 Oct 13;353(15):1574-84. doi: 10.1056/NEJMcp050929. PMID: 16221780.

Zanelli, S. A. (2018, June 18). Hypoxic-ischemic encephalopathy. Practice Essentials, Background, Pathophysiology. <https://emedicine.medscape.com/article/973501>

Late Hypothermia for Hypoxic-Ischemic Encephalopathy <http://clinicaltrials.gov/show/NCT00614744>