

Who Is Getting Neuroimaging and Who Needs It?

Beltempo M, Wintermark P, Lemyre B, Shalish W, Martel-Bucci A, et al; Canadian Neonatal Network Investigators. Predictors of Severe Neurologic Injury on Ultrasound Scan of the Head and Risk Factor-based Screening for Infants Born Preterm. *J Pediatr*. 2019 Nov;214:27-33.e3. doi: 10.1016/j.jpeds.2019.06.065. Epub 2019 Jul 31. PubMed PMID: 31377043.

Edwards AD, Redshaw ME, Kennea N, Rivero-Arias O, Gonzales-Cinca N, et al; ePrime Investigators. Effect of MRI on preterm infants and their families: a randomised trial with nested diagnostic and economic evaluation. *Arch Dis Child Fetal Neonatal Ed*. 2018 Jan;103(1):F15-F21. doi: 10.1136/archdischild-2017-313102. Epub 2017 Oct 7. PubMed PMID: 28988160; PubMed Central PMCID: PMC5750369.

Handley SC, Passarella M, Lee HC, Lorch SA. Incidence Trends and Risk Factor Variation in Severe Intraventricular Hemorrhage across a Population Based Cohort. *J Pediatr*. 2018 Sep;200:24-29.e3. doi: 10.1016/j.jpeds.2018.04.020. Epub 2018 May 10. PubMed PMID: 29754865; PubMed Central PMCID: PMC6109595.

Hintz SR, Barnes PD, Bulas D, Slovis TL, Finer NN, et al; SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neuroimaging and neurodevelopmental outcome in extremely preterm infants. *Pediatrics*. 2015 Jan;135(1):e32-42. doi: 10.1542/peds.2014-0898. Epub 2014 Dec 1. PubMed PMID: 25554820; PubMed Central PMCID: PMC4279063.

Ho T, Dukhovny D, Zupancic JA, Goldmann DA, Horbar JD, Pursley DM. Choosing Wisely in Newborn Medicine: Five Opportunities to Increase Value. *Pediatrics*. 2015 Aug;136(2):e482-9. doi: 10.1542/peds.2015-0737. Epub 2015 Jul 20. PubMed PMID: 26195536.

Ibrahim J, Mir I, Chalak L. Brain imaging in preterm infants <32 weeks gestation: a clinical review and algorithm for the use of cranial ultrasound and qualitative brain MRI. *Pediatr Res*. 2018 Dec;84(6):799-806. doi: 10.1038/s41390-018-0194-6. Epub 2018 Oct 12. Review. PubMed PMID: 30315272.

Ment LR, Bada HS, Barnes P, Grant PE, Hirtz D, et al. Practice parameter: neuroimaging of the neonate: report of the Quality Standards Subcommittee of the American Academy of Neurology and the Practice Committee of the Child Neurology Society. *Neurology*. 2002 Jun 25;58(12):1726-38. Review. PubMed PMID: 12084869.

Natarajan G, Shankaran S, Saha S, Lupton A, Das A, et al; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Antecedents and Outcomes of Abnormal Cranial Imaging in Moderately Preterm Infants. *J Pediatr*. 2018 Apr;195:66-72.e3. doi: 10.1016/j.jpeds.2017.11.036. Epub 2018 Feb 1. PubMed PMID: 29395186; PubMed Central PMCID: PMC5869095.

Schmidt B, Roberts RS, Davis PG, Doyle LW, Asztalos EV, et al; Caffeine for Apnea of Prematurity (CAP) Trial Investigators; Caffeine for Apnea of Prematurity CAP Trial Investigators. Prediction of Late Death or Disability at Age 5 Years Using a Count of 3 Neonatal Morbidities in Very Low Birth Weight Infants. *J Pediatr*. 2015 Nov;167(5):982-6.e2. doi: 10.1016/j.jpeds.2015.07.067. Epub 2015 Aug 28. PubMed PMID: 26318030.

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