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BIBLIOGRAPHY

- Adams-Chapman I, Bann CM, Carter SL, Stoll BJ for the NICHD Neonatal Research Network. Language outcomes among ELBW infants in early childhood. *Early Hum Dev.* 2015 Jun;91(6):373-9. doi: 10.1016/j.earlhumdev.2015.03.011. Epub 2015 May 4. PMID25955535. PMCID: PMC4442021.
- Adams-Chapman I, Bann CM, Das A, Goldberg RN, Stoll BJ, Walsh MC, Sanchez PJ, Higgins RD, Shankaran S, Watterberg KL, Duara S, Miller NA, Heyne RJ, Peralta-Carcelen M, Goldstein RF, Steichen JJ, Bauer CR, Hintz SR, Evans PW, Acarregui MJ, Myers GJ, Vohr BR, Wilson-Costello DE, Pappas A, Dusick AM, Vaucher YE, Ehrenkranz RA, McGowan EC, Dillard RG, Fuller J, Daniel K, Benjamin DK Jr, for the NICHD Neonatal Research Network. Neurodevelopmental Outcome of Extremely Low Birth Weight Infants with Candida Infection. *J Pediatr.* 2013 May 30. pii: S0022-3476(13)00499-X. doi: 10.1016/j.jpeds.2013.04.034. [Epub ahead of print]. PMID23726546. PMCID: PMC3786056.
- Adams-Chapman I, Bann CM, Stoll BJ, Vaucher YE, for the NICHD Neonatal Research Network. Association between Feeding Difficulties and Language Delay in Preterm Infants Using Bayley Scales of Infant Development. *J Pediatr.* 2013 Apr 10. pii: S0022-3476(13)00282-5. doi: 10.1016/j.jpeds.2013.03.006. [Epub ahead of print]. PMID23582139. PMCID: PMC3755022.
- Adams-Chapman I, Hansen N, Higgins RD, Stoll BJ for the NICHD Neonatal Research Network. Neurodevelopmental outcome of extremely low birth weight infants with posthemorrhagic hydrocephalus requiring shunt insertion. *Pediatrics.* 2008 May;121(5):e1167-77. Epub 2008 Apr 7. PMID18390958. PMCID: PMC2803352.
- Adams-Chapman I, Hansen NI, Shankaran S, Bell EF, Boghossian NS, Murray JC, Laptook AR, Walsh MC, Carlo WA, Sánchez PJ, Van Meurs KP, Das A, Hale EC, Newman NS, Ball MB, Higgins RD, Stoll BJ. Ten-Year Review of Major Birth Defects in VLBW Infants. *Pediatrics.* 2013 Jul;132(1):49-61. doi: 10.1542/peds.2012-3111. Epub 2013 Jun 3. PMID23733791. PMCID: PMC3691532.
- Adams-Chapman I, McDonald SA, Heyne, RJ, DeMauro S, Duncan AF, Hintz SR, Pappas A, Vohr BR, Newman JE, Das A, Higgins RD for NICHD Neonatal Research Network. Neurodevelopmental Impairment Among Extremely Preterm Infants in the Neonatal Research Network. *Pediatrics.* 2018 May;141(5). pii: e20173091. doi: 10.1542/peds.2017-3091. Epub 2018 Apr 17. PMID: 29666163. PMCID: PMC5914487.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Adams-Chapman I; Watterberg KL; Nolen TL; Hirsch S; Cole CA; Cotten CM; Oh W; Poindexter BB; Zaterka-Baxter KM; Das A; Backstrom Lacy C; Scorsone AM; Duncan AF; DeMauro SB; Goldstein RF; Colaizy TT; Wilson-Costello DE; Purdy IB; Hintz SR; Heyne RJ; Myers GJ; Fuller J; Merhar S; Harmon HM; Peralta-Carcelen M; Kilbride HW; Maitre NL; Vohr BR; Natarajan G; Mintz-Hittner H; Quinn GE; Wallace DK; Olson RJ; Orge FH; Tsui I; Gaynon M; Hutchinson AK; He Y; Winter TW; Yang MB; Haider KM; Cogen MS; Hug D; Bremer DL; Donahue JP; Lucas WR; Phelps DL; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. *J Perinatol.* 2021 Mar 23. doi: 10.1038/s41372-021-01018-5. Online ahead of print. PMID: 33758387; PMCID: PMC8349854.
- Agarwal P, Shankaran S, Lupton AR, Chowdhury D, Lakshminrusimha S, Bonifacio SL, Natarajan G, Chawla S, Keszler M, Heyne RJ, Ambalavanan N, Walsh MC, Das A, Van Meurs KP, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Neonatal Research Network. Outcomes of infants with hypoxic ischemic encephalopathy and persistent pulmonary hypertension of the newborn: results from three NICHD studies. *J Perinatol.* 2021 Jan 6. doi: 10.1038/s41372-020-00905-7. Online ahead of print. PMID: 33402707; PMCID: PMC7954876.
- Ahlfors CE, Vreman HJ, Wong RJ, Bender GJ, Oh W, Morris BH, Stevenson DK, Phototherapy Subcommittee, NICHD Neonatal Research Network. Effects of sample dilution, peroxidase concentration, and chloride ion on the measurement of unbound bilirubin in premature newborns. *Clin Biochem.* 2007 Feb;40(3-4):261-7. Epub 2006 Sep 29. PMID17069786. PMCID: PMC1945224.
- Alfaleh K, Smyth JA, Roberts RS, Solimano A, Asztalos EV, Schmidt B, Trial of Indomethacin Prophylaxis in Preterms (TIPP) Investigators. Prevention and 18-month outcomes of serious pulmonary hemorrhage in extremely low birth weight infants: results from the trial of indomethacin prophylaxis in preterms. *Pediatrics.* 2008 Feb;121(2):e233-8. PMID18245398.
- Alleman BW, Bell EF, Li L, Dagle JM, Smith PB, Ambalavanan N, Laughon MM, Stoll BJ, Goldberg RN, Carlo WA, Murray JC, Cotten CM, Shankaran S, Walsh MC, Lupton AR, Ellsbury DL, Hale EC, Newman NS, Wallace DD, Das A, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Individual and Center-Level Factors Affecting Mortality Among Extremely Low Birth Weight Infants. *Pediatrics.* 2013 Jul;132(1):e175-84. doi: 10.1542/peds.2012-3707. Epub 2013 Jun 10. PMID23753096. PMCID: PMC3691533.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Ambalavanan N, Baibergenova A, Carlo WA, Saigal S, Schmidt B, Thorpe KE, Trial of Indomethacin Prophylaxis in Preterms (TIPP) Investigators. Early prediction of poor outcome in extremely low birth weight infants by classification tree analysis. *J Pediatr*. 2006 Apr;148(4):438-444. PMID16647401.
- Ambalavanan N, Carlo WA, Bobashev G, Mathias E, Liu B, Poole K. Prediction of death for extremely low birth weight neonates. *Pediatrics*. 2005 Dec;116(6):1367-73. PMID16322160.
- Ambalavanan N, Carlo WA, D'Angio CT, McDonald SA, Schendel D, Thorsen P for the NICHD Neonatal Research Network. Cytokines Associated with Bronchopulmonary Dysplasia or Death in Extremely Low Birth Weight Infants. *Pediatrics*. 2009 Apr;123(4):1132-41. PMID19336372. PMCID: PMC2903210.
- Ambalavanan N, Carlo WA, Shankaran S, Bann CM, Emrich SL, Higgins RD, Tyson JE, O'Shea TM, Lptook AR, Ehrenkranz RA, Donovan EF, Walsh MC, Goldberg RN, Das A, NICHD Neonatal Research Network. Predicting outcomes of neonates diagnosed with hypoxemic-ischemic encephalopathy. *Pediatrics*. 2006 Nov;118(5):2084-93. PMID17079582.
- Ambalavanan N, Carlo WA, Tyson JE, Langer JC, Walsh MC, Parikh NA, Das A, Higgins RD, for the Generic Database and Follow-Up Subcommittees of the Eunice Kennedy Shriver NICHD Neonatal Research Network. Outcome Trajectories in Extremely Preterm Infants. *Pediatrics*. 2012 Jul;130(1):e115-e125. Epub 2012 Jun 11. PMID22689874. PMCID: PMC3382921.
- Ambalavanan N, Carlo WA, Wrage LA, Das A, Laughon MM, Cotten CM, Kennedy KA, Lptook AR, Shankaran S, Walsh MC, Higgins RD. PaCO₂ in Surfactant, Positive Pressure, and Oxygenation Randomized Trial (SUPPORT). *Arch Dis Child Fetal Neonatal Ed*. 2015 Mar;100(2):F145-9. doi: 10.1136/archdischild-2014-306802. Epub 2014 Nov 25. PMID25425651. PMCID: PMC4336211.
- Ambalavanan N, Carlo WA: Yao Q, Das A, Higgins RD, GDB & Follow-up Subcommittees of the NICHD Neonatal Research Network. Identification of Extremely Premature Infants at High Risk of Rehospitalization. *Pediatrics*. 2011 Nov;128(5):e1216-25. Epub 2011 Oct 17. PMID22007016. PMCID: PMC3208965.
- Ambalavanan N, Cotten CM, Page GP, Carlo WA, Murray JC, Bhattacharya S, Mariani T, Cuna AC, Faye-Petersen OM, Kelly D, Higgins RD, for the Genomics and Cytokine Subcommittees of the NICHD Neonatal Research Network. Integrated Genomics Analyses in Bronchopulmonary Dysplasia. *J Pediatr*. 2015 Mar;166(3):531-537.e13. doi: 10.1016/j.jpeds.2014.09.052. Epub 2014 Nov 6. PMID25449221. PMCID: PMC4344889.
- Ambalavanan N, Hougaard D, Skogstrand K, Schendel D, Thorsen P, and the Cytokine Subcommittee. Cytokines and Posthemorrhagic Ventricular Dilation in Premature Infants. *Am J Perinatol*. 2012 Oct;29(9):731-740. Epub 2012 Jul 6. PMID22773292. PMCID: PMC3619127.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Ambalavanan N, Shankaran S, Laptook AR, Carper BA, Das A, Carlo WA, Cotten CM, Duncan AF, Higgins RD; EUNICE KENNEDY SHRIVER NICHD NEONATAL RESEARCH NETWORK. Early Determination of Prognosis in Neonatal Moderate or Severe Hypoxic-Ischemic Encephalopathy. *Pediatrics*. 2021 Jun;147(6):e2020048678. doi: 10.1542/peds.2020-048678. Epub 2021 May 13. PMID: 33986149; PMCID: PMC8168606.
- Ambalavanan N, Tyson JE, Kennedy KA, Hansen N, Vohr BR, Wright LL, Carlo WA. Vitamin A supplementation for extremely low birth weight infants: outcome at 18 to 22 months. *Pediatrics*. 2005 Mar;115(3):e249-54. Epub 2005 Feb 15. PMID15713907.
- Ambalavanan N, Van Meurs KP, Perritt R, Carlo WA, Ehrenkranz RA, Stevenson DK, Lemons JA, Poole WK, Higgins RD for the NICHD Neonatal Research Network. Predictors of death or bronchopulmonary dysplasia in preterm infants with respiratory failure. *J Perinatol*. 2008 Jun;28(6):420-6. Epub 2008 Mar 13. PMID18337740. PMCID: PMC2776028.
- Ambalavanan N, Walsh MC, Bobashev G, Das A, Levine B, Carlo WA, Higgins RD. Intercenter Differences in Bronchopulmonary Dysplasia or Death Among Very Low Birth Weight Infants. *Pediatrics*. 2011 Jan;127(1):e106-e116. Epub 2010 Dec 13. PMID21149431. PMCID: PMC3010091.
- Ang JY, Asmar BI, Lua JL, Shankaran S, Lei L, Heyne RJ, Schelonka RL, Jackson D, D'Angio CT for the NICHD Neonatal Research Network. Nasopharyngeal carriage of *Streptococcus pneumoniae* in very low birth weight infants after administration of heptavalent pneumococcal conjugate vaccine. *Arch Pediatr Adolesc Med*. 2010 Dec;164(12):1173-5. PMID21135351. PMCID: PMC3266167.
- Archer SW, Carlo WA, Truog W, Donovan EF, Stevenson DK, Sanchez PJ, Das A, Van Meurs KP, Goldberg RN, Devaskar U, Nelin LD, Petrie Huitema CM, Higgins RD. Improving publication rates in a collaborative clinical trials research network. *Semin Perinatol*. 2016 Oct;40(6):410-417. doi: 10.1053/j.semperi.2016.05.003. Epub 2016 Aug 8. PMID27423510. PMCID: PMC5192287.
- Autmizguine J, Tan S, Cohen-Wolkowicz M, Cotten CM, Wiederhold N, Goldberg RN, Adams-Chapman I, Stoll BJ, Smith PB, Benjamin DK Jr., NICHD Neonatal Research Network. Antifungal Susceptibility and Clinical Outcome in Neonatal Candidiasis. *Pediatr Infect Dis J*. 2018 Sep;37(9):923-929. doi: 10.1097/INF.0000000000001913. PMID: 29369937. PMCID: PMC6057841.
- Bajaj M, Natarajan G, Shankaran S, Wyckoff M, Laptook AR, Bell EF, Stoll BJ, Carlo WA, Vohr BR, Saha S, Van Meurs KP, Sanchez PJ, D'Angio CT, Higgins RD, Das A, Newman N, Walsh MC, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Delivery Room Resuscitation and Short-term Outcomes in Moderately Preterm Infants. *J Pediatr*. 2018 Apr;195:33-38.e2. doi: 10.1016/j.jpeds.2017.11.039. Epub 2018 Jan 3. PMID: 29306493. PMCID: PMC5869086.

BIBLIOGRAPHY

- Bassler D, Stoll BJ, Schmidt B, Asztalos EV, Roberts RS, Robertson CM, Sauve RS, for the Trial of Indomethacin Prophylaxis in Preterms Investigators. Using a Count of Neonatal Morbidities to Predict Poor Outcome in Extremely Low-Birth-Weight Infants: The Added Role of Neonatal Infection. *Pediatrics*. 2009 Jan;123(1):313-318. PMID19117897. PMCID: PMC2829863.
- Batton B, Li L, Newman NS, Das A, Watterberg KL, Yoder BA, Faix RG, Laughon MM, Stoll BJ, Higgins RD, Walsh MC. Evolving blood pressure dynamics for extremely preterm infants. *J Perinatol*. 2014 Apr;34(4):301-5. doi: 10.1038/jp.2014.6. Epub 2014 Feb 6. PMID24503912. PMCID: PMC3982788.
- Batton B, Li L, Newman NS, Das A, Watterberg KL, Yoder BA, Faix RG, Laughon MM, Wilson-Costello DE, Van Meurs KP, Carlo WA, Bell EF, Higgins RD, Walsh MC. Feasibility Study of Early Blood Pressure Management in Extremely Preterm Infants. *J Pediatr*. 2012 Jul;161(1):65-69.e1. Epub 2012 Feb 14. PMID22336574. PMCID: PMC3357442.
- Batton B, Li L, Newman NS, Das A, Watterberg KL, Yoder BA, Faix RG, Laughon MM, Wilson-Costello DE, Van Meurs KP, Carlo WA, Bell EF, Higgins RD, Walsh MC. Use of Antihypertensive Therapies in Extremely Preterm Infants. *Pediatrics*. 2013 Jun;131(6):e1865-73. doi: 10.1542/peds.2012-2779. Epub 2013 May 6. PMID23650301. PMCID: PMC3666108.
- Batton BJ, Li L, Newman NS, Das A, Watterberg KL, Yoder BA, Faix RG, Laughon MM, Stoll BJ, Higgins RD, Walsh MC, Eunice Kennedy Shriver National Institute of Child Health & Human Development Neonatal Research Network. Early blood pressure, antihypertensive therapy and outcomes at 18-22 months' corrected age in extremely preterm infant. *Arch Dis Child Fetal Neonatal Ed*. 2015 Nov 13. pii: fetalneonatal-2015-308899. doi: 10.1136/archdischild-2015-308899. [Epub ahead of print]. PMID26567120. PMCID: PMC4849123.
- Bell EF, Hansen NI, Brion LP, Ehrenkranz RA, Kennedy KA, Walsh MC, Shankaran S, Acarregui MJ, Johnson KJ, Hale EC, Messina LA, Crawford MM, Laptook AR, Goldberg RN, Van Meurs KP, Carlo WA, Poindexter BB, Faix RG, Carlton DP, Watterberg KL, Ellsbury DL, Das A, Higgins RD, for the NICHD Neonatal Research Network. Serum Tocopherol Levels in Very Preterm Infants After a Single Dose of Vitamin E at Birth. *Pediatrics*. 2013 Dec;132(6):e1626-33. doi: 10.1542/peds.2013-1684. Epub 2013 Nov 11. PMID24218460. PMCID: PMC3838534.
- Bell EF, Hansen NI, Morriss FH, Stoll BJ, Ambalavanan N, Gould JB, Laptook AR, Walsh MC, Carlo WA, Das A, Higgins RD. Impact of Timing of Birth and Resident Duty-Hour Restrictions on Outcomes for Small Preterm Infants. *Pediatrics*. 2010 Aug;126(2):222-231. Epub 2010 Jul 19. PMID20643715. PMCID: PMC2924191.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Bell EF, Hintz SR, Hansen NI, Bann CM, Wyckoff MH, DeMauro SB, Walsh MC, Vohr BR, Stoll BJ, Carlo WA, Van Meurs KP, Rysavy MA, Patel RM, Merhar SL, Sánchez PJ, Laptook AR, Hibbs AM, Cotten CM, D'Angio CT, Winter S, Fuller J, Das A, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Mortality, In-Hospital Morbidity, Care Practices, and 2-Year Outcomes for Extremely Preterm Infants in the US, 2013-2018. *JAMA*. 2022 Jan 18;327(3):248-263. doi: 10.1001/jama.2021.23580. PMID: 35040888; PMCID: PMC8767441.
- Bell EF, Stoll BJ, Hansen NI, Wyckoff MH, Walsh MC, Sánchez PJ, Rysavy MA, Gabrio J, Archer SW, Das A, Higgins RD. Contributions of the Neonatal Research Network's Generic Database to documenting and advancing the outcomes of extremely preterm infants. *Semin Perinatol*. 2022 Nov;46(7):151635. doi: 10.1016/j.semperi.2022.151635. Epub 2022 Jun 10. PMID: 35835615; PMCID: PMC9529835.
- Bell M, Cole CR, Hansen NI, Duncan AF, Hintz SR, Adams-Chapman I, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neurodevelopmental and Growth Outcomes of Extremely Preterm Infants with Short Bowel Syndrome. *J Pediatr*. 2021 Mar;230:76-83.e5. doi: 10.1016/j.jpeds.2020.11.026. Epub 2020 Nov 24. PMID: 33246015. PMCID: PMC8861973
- Bender GJ, Cashore WJ, Oh W. Ontogeny of Bilirubin-Binding Capacity and the Effect of Clinical Status in Premature Infants Born at Less Than 1300 Grams. *Pediatrics*. 2007 Nov;120(5):1067-73. PMID17974745.
- Benjamin DK Jr, Stoll BJ, Fanaroff AA, McDonald SA, Oh W, Higgins R, Duara S, Poole K, Laptook A, Goldberg R. Neonatal candidiasis among extremely low birth weight infants: risk factors, mortality rates, and neurodevelopmental outcomes at 18 to 22 months. *Pediatrics*. 2006 Jan;117(1):84-92. PMID16396864.
- Benjamin DK Jr, Stoll BJ, Gantz MG, Walsh MC, Sánchez PJ, Das A, Shankaran S, Higgins RD, Auten KJ, Miller NA, Walsh TJ, Laptook AR, Carlo WA, Kennedy KA, Finer NN, Duara S, Schibler K, Chapman RL, Van Meurs KP, Frantz ID 3rd, Phelps DL, Poindexter BB, Bell EF, O'Shea TM, Watterberg KL, Goldberg RN. Neonatal Candidiasis: Epidemiology, Risk Factors, and Clinical Judgment. *Pediatrics*. 2010 Oct;126(4):e865-73. Epub 2010 Sep 27. PMID20876174. PMCID: PMC3045840.
- Benjamin JR, Smith PB, Cotten CM, Jagers J, Goldstein RF, Malcolm WF. Long-term morbidities associated with vocal cord paralysis after surgical closure of a patent ductus arteriosus in extremely low birth weight infants. *J Perinatol*. 2010 Jun;30(6):408-13. Epub 2009 Sep 17. PMID19759545. PMCID: PMC2878380.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Bhandari V, Finer NN, Ehrenkranz RA, Saha S, Das A, Walsh MC, Engle WA, Van Meurs KP on behalf of the NICHD Neonatal Research Network. Synchronized Nasal Intermittent Positive Pressure Ventilation and Neonatal Outcomes. *Pediatrics*. 2009 Aug;124(2):517-26. Epub 2009 Jul 27. PMID19651577. PMCID: PMC2924622.
- Binder S, Hill K, Meinen-Derr J, Greenberg JM, Narendran V. Increasing VLBW deliveries at subspecialty perinatal centers via perinatal outreach. *Pediatrics*. 2011 Mar;127(3):487-93. Epub 2011 Feb 14. PMID21321032. PMCID: PMC4172030.
- Blakely ML, Lally KP, McDonald S, Brown RL, Barnhart DC, Ricketts RR, Thompson WR, Scherer LR, Klein MD, Letton RW, Chwals WJ, Touloukian RJ, Kurkchubasche AG, Skinner MA, Moss RL, Hilfiker ML, NEC Subcommittee of the NICHD Neonatal Research Network. Postoperative outcomes of extremely low birth-weight infants with necrotizing enterocolitis or isolated intestinal perforation: a prospective cohort study by the NICHD Neonatal Research Network. *Ann Surg*. 2005 Jun;241(6):984-9; discussion 989-94. PMID15912048. PMCID: PMC1359076.
- Blakely ML, Rysavy MA, Lally KP, Eggleston B, Pedroza C, Tyson JE. Special randomized trial considerations in the investigation of surgical treatment options for premature infants. *Semin Perinatol*. 2022 Nov;46(7):151640. doi: 10.1016/j.semperi.2022.151640. Epub 2022 Jun 10 . PMID: 35811154; PMCID: PMC9529875.
- Blakely ML, Tyson JE, Lally KP, McDonald S, Stoll BJ, Stevenson DK, Poole WK, Jobe AH, Wright LL, Higgins RD, NICHD Neonatal Research Network. Laparotomy versus peritoneal drainage for necrotizing enterocolitis or isolated intestinal perforation in extremely low birth weight infants: outcomes through 18 months adjusted age. *Pediatrics*. 2006 Apr;117(4):e680-7. Epub 2006 Mar 20. PMID16549503.
- Blakely ML; Tyson JE; Lally KP; Hintz SR; Eggleston B; Stevenson DK; Besner GE; Das A; Ohls RK; Truog WE; Nelin LD; Poindexter BB; Pedroza C; Walsh MC; Stoll BJ; Geller R; Kennedy KA; Dimmitt RA; Carlo WA; Cotten CM; Lupton AR; Van Meurs KP; Calkins KL; Sokol GM; Sanchez PJ; Wyckoff MH; Patel RM; Frantz 3rd ID; Shankaran S; D'Angio CT; Yoder BA; Bell EF; Watterberg KL; Martin CA; Harmon CM; Rice H; Kurkchubasche AG; Sylvester K; Dunn JCY; Markel TA; Diesen DL; Bhatia AM; Flake A; Chwals WJ; Brown R; Bass KD; St Peter SD; Shanti CM; Pegoli Jr W; Skarda D; Shilyansky J; Lemon DG; Mosquera RA; Peralta-Carcelen M; Goldstein RF; Vohr BR; Purdy IB; Hines AC; Maitre NL; Heyne RJ; DeMauro SB; McGowan EC; Yolton K; Kilbride HW; Natarajan G; Yost K; Winter S; Colaizy TT; Laughon MM; Lakshminrusimha S; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health, Human Development Neonatal Research Network. Initial Laparotomy Versus Peritoneal Drainage in Extremely Low Birthweight Infants With Surgical Necrotizing Enterocolitis or Isolated Intestinal Perforation: A Multicenter Randomized Clinical Trial. *Ann Surg*. 2021 Oct 1;274(4):e370-e380. doi: 10.1097/SLA.0000000000005099. PMID: 34506326; PMCID: PMC8439547.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Bliss JM, Wong AY, Bhak G, Laforce-Nesbitt SS, Taylor S, Tan S, Stoll BJ, Higgins RD, Shankaran S, Walsh MC, Benjamin DK Jr, Candida Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Candida Virulence Properties and Adverse Clinical Outcomes in Neonatal Candidiasis. *J Pediatr*. 2012 Sep;161(3):441-447.e2. Epub 2012 Apr 14. PMID22504098. PMCID: PMC3419788.
- Boghossian NS, Bell EF, Brumbaugh JE, Colaizy TT, Das A, Higgins RD, and members of the GDB and Follow-Up Subcommittees. Outcomes of Extremely Preterm Infants Born to Insulin-Dependent Diabetic Mothers. *Pediatrics*. 2016 Jun;137(6). pii: e20153424. doi: 10.1542/peds.2015-3424. Epub 2016 May 13. PMID27244849. PMCID: PMC4894251.
- Boghossian NS, Do BT, Bell EF, Dagle JM, Brumbaugh JE, Stoll BJ, Vohr BR, Das A, Shankaran S, Sanchez PJ, Wyckoff MH, Bethany Ball M, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Efficacy of pharmacologic closure of patent ductus arteriosus in small-for-gestational-age extremely preterm infants. *Early Hum Dev*. 2017 Oct;113:10-17. doi: 10.1016/j.earlhumdev.2017.07.011. Epub 2017 Jul 8. PMID: 28697406. PMCID: PMC5654678.
- Boghossian NS, Hansen NI, Bell EF, Stoll BJ, Murray JC, Carey JC, Adams-Chapman I, Shankaran S, Walsh MC, Lupton AR, Faix RG, Newman NS, Hale EC, Das A, Wilson LD, Hensman AM, Grisby C, Collins MV, Vasil DM, Finkle J, Maffett D, Ball MB, Lacy CB, Bara R, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Mortality and Morbidity of VLBW Infants with Trisomy 13 or Trisomy 18. *Pediatrics*. 2014 Feb;133(2):226-35. doi: 10.1542/peds.2013-1702. Epub 2014 Jan 20. PMID24446439. PMCID: PMC3904274.
- Boghossian NS, Hansen NI, Bell EF, Stoll BJ, Murray JC, Lupton AR, Shankaran S, Walsh MC, Das A, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Survival and Morbidity Outcomes of Very Low Birth Weight Infants with Down Syndrome. *Pediatrics*. 2010 Dec;126(6):1132-40. Epub 2010 Nov 22. PMID21098157. PMCID: PMC3059605.
- Boghossian NS, McDonald SA, Bell EF, Carlo WA, Brumbaugh JE, Stoll BJ, Lupton AR, Shankaran S, Walsh MC, Das A, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Association of Antenatal Corticosteroids with Mortality, Morbidity, and Neurodevelopmental Outcomes in Extremely Preterm Multiple Gestation Infants. *JAMA Pediatr*. 2016 Jun 1;170(6):593-601. doi: 10.1001/jamapediatrics.2016.0104. PMID27088897. PMCID: PMC5270648.

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Neonatal Research Network**

BIBLIOGRAPHY

- Boghossian NS, Page GP, Bell EF, Stoll BJ, Murray JC, Cotten CM, Shankaran S, Walsh MC, Laptook AR, Newman NS, Hale EC, McDonald SA, Das A, Higgins RD for the Neonatal Research Network. Late-Onset Sepsis in Very Low Birth Weight Infants from Singleton and Multiple Gestation Births. *J Pediatr*. 2013 Jan 13. pii: S0022-3476(12)01423-0. doi: 10.1016/j.jpeds.2012.11.089. [Epub ahead of print]. PMID23324523. PMCID: PMC3633723.
- Boghossian NS, Saha S, Bell EF, Brumbaugh JE, Shankaran S, Carlo WA, Das A, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Birth weight discordance in very low birth weight twins: mortality, morbidity, and neurodevelopment. *J Perinatol*. 2019 Sep;39(9):1229-1240. doi: 10.1038/s41372-019-0427-5. Epub 2019 Jul 16. PMID: 31312035. PMCID: PMC6713585.
- Bonifacio SL, Chalak LF, Van Meurs KP, Laptook AR, Shankaran S. Neuroprotection for hypoxic-ischemic encephalopathy: contributions from the Neonatal Research Network. *Semin Perinatol*. 2022 Nov;46(7):151639. doi: 10.1016/j.semperi.2022.151639. Epub 2022 Jun 10. PMID: 35835616; PMCID in Process.
- Bonifacio SL, McDonald SA, Chock VY, Wusthoff CJ, Hintz SR, Laptook AR, Shankara S, Van Meurs KP. Differences in patient characteristics and care practices between two trials of therapeutic hypothermia. *Pediatr Res*. 2019 Jun;85(7):1008-1015. doi: 10.1038/s41390-019-0371-2. Epub 2019 Mar 12. PMID: 30862961. PMCID: PMC6857796.
- Brion LP, Phelps DL; Ward RM; Nolen TL; Hallman NMK; Das A; Zaccaro DJ; Ball MB; Watterberg KL; Frantz 3rd ID; Cotten CM; Poindexter BB; Oh W; Lugo RA; Van Meurs KP; O'Shea TM; Zaterka-Baxter KM; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Blood myo-inositol concentrations in preterm and term infants. *J Perinatol*. 2021 Feb;41(2):247-254. doi: 10.1038/s41372-020-00799-5. Epub 2020 Sep 15. PMID: 32934363; PMCID: PMC7889639.
- Broitman E, Ambalavanan N, Higgins RD, Vohr BR, Das A, Bhaskar B, Murray K, Hintz SR, Carlo WA for the National Institute of Child Health and Human Development Neonatal Research Network. Clinical Data Predict Neurodevelopmental Outcome Better than Head Ultrasound in Extremely Low Birth Weight Infants. *J Pediatr*. 2007 Nov;151(5):500-505.e2. Epub 2007 Jul 12. PMID17961693. PMCID: PMC2879162.
- Brumbaugh JE, Bell EF, Grey S, DeMauro SB, Vohr BR, Harmon HM, Bann CM, Rysavy MA, Logan JW, Colaizy TT, Peralta-Carcelen MA, McGowan EC, Duncan AF, Stoll BJ, Das A, Hintz SR; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Behavior Profiles at 2 Years for Children Born Extremely Preterm with Bronchopulmonary Dysplasia. *J Pediatr*. 2020 Apr;219:152-159.e5. doi: 10.1016/j.jpeds.2019.12.028. Epub 2020 Jan 31. PMID: 32008764; PMCID: PMC7096270.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Brumbaugh JE, Bell EF, Hirsch SC, Crenshaw, EG, DeMauro SB, Adams-Chapman I, Lowe JR, Natarajan G, Wyckoff MH, Vohr BR, Colaizy TT, Harmon HM, Watterberg KL, Hintz SR, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Relationships between retinopathy of prematurity without ophthalmologic intervention and neurodevelopment and vision at 2 years. *Pediatr Res*. 2021 Oct 22. doi: 10.1038/s41390-021-01778-y. Online ahead of print. PMID: 34686832. PMCID: PMC9023615
- Brumbaugh JE, Colaizy TT, Saha S, Van Meurs KP, Das A, Walsh MC, Bell EF, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Oral feeding practices and discharge timing for moderately preterm infants. *Early Hum Dev*. 2018 May;120:46-52. doi: 10.1016/j.earlhumdev.2018.04.001. Epub 2018 Apr 11. PMID: 29654994. PMCID: PMC5951763.
- Brumbaugh JE, Hansen NI, Bell EF, Sridhar A, Carlo WA, Hintz SR, Vohr BR, Colaizy TT, Duncan AF, Wyckoff MH, Baack ML, Rysavy MA, DeMauro SB, Stoll BJ, Das A, Higgins RD, National Institute of Child Health and Human Development Neonatal Research Network. Outcomes of extremely preterm infants with birth weight less than 400 g. *JAMA Pediatr*. 2019 Mar 25. doi: 10.1001/jamapediatrics.2019.0180. [Epub ahead of print]. PMID: 30907941. PMCID: PMC6503635.
- Brumbaugh JE, Vohr BR, Bell EF, Bann CM, Travers CP, McGowan EC, Harmon HM, Carlo WA, Duncan AF, Hintz SR; Eunice Kennedy Shriver NICHD Neonatal Research Network. Early-Life Outcomes in Relation to Social Determinants of Health for Children Born Extremely Preterm. *J Pediatr*. 2023 Apr 25;113443. doi: 10.1016/j.jpeds.2023.113443. Online ahead of print. PMID: 37105408; PMCID in Process.
- Brumbaugh JE; Bell EF; Do BT; Greenberg RG; Stoll BJ; DeMauro SB; Harmon HM; Hintz SR; Das A; Puopolo KM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Incidence of and Neurodevelopmental Outcomes After Late-Onset Meningitis Among Children Born Extremely Preterm. *JAMA Netw Open*. 2022 Dec 1;5(12):e2245826. doi: 10.1001/jamanetworkopen.2022.45826. PMID: 36480199; PMCID: PMC9856224.
- Carlo WA, Fanaroff AA, Wright LL, Poole WK, McDonald SA, Vohr BR, Stoll BJ, Ehrenkranz RA. Association of antenatal corticosteroids with mortality and neurodevelopmental outcomes among infants born at 22 to 25 weeks' gestation. *JAMA*. 2011 Dec 7;306(21):2348-58. PMID22147379. PMCID: PMC3565238.
- Carlo WA, Higgins RD. Optimum Oxygen Therapy to Prevent Retinopathy of Prematurity. *Expert Review of Ophthalmology*. Oct 2010. 5(5): 583-585. PMID25197316. PMCID: PMC4155506.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Carlo WA, McDonald SA, Tyson JE, Stoll BJ, Ehrenkranz RA, Shankaran S, Goldberg RN, Das A, Schendel D, Thorsen P, Skogstrand K, Hougaard DM, Oh W, Laptook AR, Duara S, Fanaroff AA, Donovan EF, Korones SB, Stevenson DK, Papile L, Finer NN, O'Shea TM, Poindexter BB, Wright LL, Ambalavanan N, Higgins RD. Cytokines and Neurodevelopmental Outcomes in Extremely Low Birth Weight Infants. *J Pediatr*. 2011 Dec;159(6):919-25.e3. Epub 2011 Jul 27. PMID21798559. PMCID: PMC3215787.
- Carlo WA, Stark AR, Wright LL, Tyson JE, Papile LA, Shankaran S, Donovan EF, Oh W, Bauer CR, Saha S, Poole WK, Stoll B. Minimal ventilation to prevent bronchopulmonary dysplasia in extremely-low-birth-weight infants. *J Pediatr*. 2002 Sep;141(3):370-4. PMID12219057.
- Castro L, Yolton K, Haberman B, Roberto N, Hansen NI, Ambalavanan N, Vohr BR, Donovan EF. Bias in Reported Neurodevelopmental Outcomes Among Extremely Low Birth Weight Survivors. *Pediatrics*. 2004 Aug;114(2):404-10. PMID15286223.
- Chalak LF; Pappas A; Tan S; Das A; Sánchez PJ; Laptook AR; Van Meurs KP; Shankaran S; Bell EF; Davis AS; Heyne RJ; Pedroza C; Poindexter BB; Schibler K; Tyson JE; Ball MB; Bara R; Grisby C; Sokol GM; D'Angio CT; Hamrick SEG; Dysart KC; Cotten CM; Truog WE; Watterberg KL; Timan CJ; Garg M; Carlo WA; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Association of Increased Seizures During Rewarming With Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up A Nested Multisite Cohort Study. *JAMA Neurol*. 2021 Oct 18. doi: 10.1001/jamaneurol.2021.3723. Online ahead of print. PMID: 34661629; PMCID: PMC8524352.
- Chandrasekharan P, Lakshminrusimha S, Chowdhury D, Van Meurs K, Keszler M, Kirpalani H, Das A, Walsh MC, McGowan EC, Higgins RD; NRN STEERING COMMITTEE. Early Hypoxic Respiratory Failure in Extreme Prematurity: Mortality and Neurodevelopmental Outcomes. *Pediatrics*. 2020 Oct;146(4):e20193318. doi: 10.1542/peds.2019-3318. Epub 2020 Sep 17. PMID: 32943536; PMCID: PMC7546092.
- Chawla S, Foglia EE, Kapadia V, Wyckoff MH. Perinatal management: What has been learned through the network? *Semin Perinatol*. 2016 Oct;40(6):391-397. doi: 10.1053/j.semperi.2016.05.006. Epub 2016 Aug 1. PMID27492967. PMCID: PMC5065762.
- Chawla S, Laptook AR, Natarajan G, Shankaran S, Bell EF, Ambalavanan N, Carlo WA, Das A, Higgins RD, and members of the MPR Subcommittee. Model for severe intracranial hemorrhage and role of early indomethacin in extreme preterm infants. *Pediatr Res*. 2022 Mar 17. doi: 10.1038/s41390-022-02012-z. Online ahead of print. PMID: 35301420. PMCID in Process

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Chawla S, Luptook AR, Smith EA, Tan S, Natarajan G, Wyckoff MH, Ambalavanan N, Bell EF, Van Meurs KP, Stevenson DK, Werner EF, Greenberg RG, Das A, Shankaran S, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Neonatal Research Network. In-hospital mortality and morbidity among extremely preterm infants in relation to maternal body mass index. *J Perinatol*. 2020 Oct 6. doi: 10.1038/s41372-020-00847-0. Online ahead of print. PMID: 33024258; PMCID: PMC8021608.
- Chawla S, Natarajan G, Chowdhury D, Das A, Walsh M, Bell EF, Luptook AR, Van Meurs K, D'Angio CT, Stoll BJ, DeMauro SB, Shankaran S. Neonatal Morbidities among Moderately Preterm Infants with and without Exposure to Antenatal Corticosteroids. *Am J Perinatol*. 2018 Oct;35(12):1213-1221. doi: 10.1055/s-0038-1642059. Epub 2018 Apr 27. PMID: 29702710. PMCID: PMC6156933.
- Chawla S, Natarajan G, Luptook AR, Chowdhury D, Bell EF, Ambalavanan N, Carlo WA, Gantz M, Das A, Tapia JL, Harmon HM, Shankaran S, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Model for severe intracranial hemorrhage and role of early indomethacin in extreme preterm infants. *Pediatr Res*. 2022 Dec;92(6):1648-1656. doi: 10.1038/s41390-022-02012-z. Epub 2022 Mar 17. PMID: 35301420; PMCID: PMC9481746.
- Chawla S, Natarajan G, Shankaran S, Carper B, Brion L, Keszler M, Carlo WA, Ambalavanan N, Gantz MG, Das A, Finer NN, Goldberg, RN, Cotten CM, Higgins RD. Markers of Successful Extubation in Extremely Preterm Infants, and Morbidity After Failed Extubation. *J Pediatr*. 2017 Oct;189:113-119.e2. doi: 10.1016/j.jpeds.2017.04.050. Epub 2017 Jun 7. PMID:28600154. PMCID: PMC5657557.
- Chawla S, Natarajan G, Shankaran S, Pappas A, Stoll BJ, Carlo WA, Saha S, Das A, Luptook AR, Higgins RD, National Institute of Child Health and Human Development Neonatal Research Network. Association of Neurodevelopmental Outcomes and Neonatal Morbidities of Extremely Premature Infants With Differential Exposure to Antenatal Steroids. *JAMA Pediatr*. 2016 Dec 1;170(12):1164-1172. doi: 10.1001/jamapediatrics.2016.1936. PMID:27723868. PMCID: PMC5294968.
- Chawla S, Wyckoff MH, Luptook AR, Natarajan G, Bell EF, Rysavy M, Patel RM, Van Meurs KP, Ambalavanan N, Lakshminrusimha S, Greenberg RG, Younge N, Werner EF, Das A, Carlo WA. Association of Antenatal Steroid Exposure at 21 to 22 Weeks of Gestation with Neonatal Survival and Survival without Morbidities. *JAMA Netw Open*. 2022 Sep 1;5(9):e2233331. doi: 10.1001/jamanetworkopen.2022.33331. PMID: 36156145; PMCID: PMC9513645.
- Chock VY, Van Meurs KP, Hintz SR, Ehrenkranz RA, Lemons JA, Kendrick DE, Stevenson DK. Inhaled nitric oxide for preterm premature rupture of membranes, oligohydramnios, and pulmonary hypoplasia. *Am J Perinatol*. 2009 Apr;26(4):317-22. Epub 2008 Dec 9. PMID:19067285. PMCID: PMC2676224.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Chock VY; Smith E; Tan S; Ball MB; Das A; Hintz SR; Kirpalani H; Bell EF; Chalak LF; Carlo WA; Cotten CM; Widness JA; Kennedy KA; Ohls RK; Seabrook RB; Patel RM; Laptook AR; Mancini T; Sokol GM; Walsh MC; Yoder BA; Poindexter BB; Chawla S; D'Angio CT; Higgins RD; Van Meurs KP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Early brain and abdominal oxygenation in extremely low birth weight infants. *Pediatr Res*. 2022 May 5. doi: 10.1038/s41390-022-02082-z. Online ahead of print. PMID: 35513716; PMCID: PMC9588487.
- Clyman RI, Saha S, Jobe A, Oh W. Indomethacin prophylaxis for preterm infants: the impact of 2 multicentered randomized controlled trials on clinical practice. *J Pediatr*. 2007 Jan;150(1):46-50.e2. PMID17188612. PMCID: PMC1849955.
- Colaizy T, Bartick MC, Jegier BJ, Green BD, Reinhold AD, Schaefer AJ, Bogen DL, Bimla Schwarz E, Stuebe AM, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Impact of Optimized Breastfeeding on the Costs of Necrotizing Enterocolitis in Extremely Low Birthweight Infants. *J Pediatr*. 2016 Aug;175:100-105.e2. doi: 10.1016/j.jpeds.2016.03.040. Epub 2016 Apr 27. PMID27131403. PMCID: PMC5274635.
- Cole CR, Hansen NI, Higgins RD, Bell EF, Shankaran S, Laptook AR, Walsh MC, Hale EC, Newman NS, Das A, Stoll BJ. Bloodstream Infections in Very Low Birth Weight Infants with Intestinal Failure. *J Pediatr*. 2012 Jan;160(1):54-59.e2. Epub 2011 Aug 15. PMID21840538. PMCID: PMC3419271.
- Cole CR, Hansen NI, Higgins RD, Ziegler TR, Stoll BJ for the NICHD Neonatal Research Network. Very Low Birthweight Preterm Infants with Surgical Short Bowel Syndrome: Incidence, Morbidity and Mortality and Growth Outcomes at 18-22 months. *Pediatrics*. 2008 Sep;122(3):e573-82. PMID18762491. PMCID: PMC2848527.
- Cotten CM, Goldstein RF, McDonald SA, Goldberg RN, Salhab WA, Carlo WA, Tyson JE, Finer NN, Walsh MC, Ehrenkranz RA, Laptook AR, Guillet R, Schibler K, Van Meurs KP, Poindexter BB, Stoll BJ, O'Shea TM, Duara S, Das A, Higgins RD, Shankaran S. Apolipoprotein E (APOE) Genotype and Outcome in Infants with Hypoxic-Ischemic Encephalopathy (HIE). *Pediatr Res*. 2014 Mar;75(3):424-30. doi: 10.1038/pr.2013.235. Epub 2013 Dec 9. PMID24322171. PMCID: PMC4095992.
- Cotten CM, McDonald, SA, Stoll, BJ, Goldberg, RN, Poole, WK, Benjamin, DK on Behalf of the NICHD Neonatal Research Network. The association of third-generation cephalosporin use and invasive candidiasis in extremely low birth-weight infants. *Pediatrics*. 2006 Aug;118(2):717-22. PMID16882828.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Cotten CM, Oh W, McDonald S, Fanaroff AA, Carlo WA, Duara S, Stoll BJ, Lupton AR, Poole WK, Wright LL, Goldberg RN. Prolonged hospital stay for extremely premature infants: risk factors, center differences, and the impact of mortality on selecting a best-performing center. *J Perinatol*. 2005 Oct;25(10):650-5. PMID16079906.
- Cotten CM, Shankaran S. Hypothermia for hypoxic ischemic encephalopathy. *Expert Review of Obstetrics & Gynecology*. 2010 March; 5(2): 227-239. PMID20625441. PMCID: PMC2897079.
- Cotten CM, Taylor S, Stoll B, Goldberg RN, Hansen NI, Sanchez P, Ambalavanan N, Benjamin DK on behalf of the NICHD Neonatal Research Network. Prolonged duration of initial empirical antibiotic treatment is associated with increased rates of necrotizing enterocolitis and death for extremely low birth weight infants. *Pediatrics*. 2009 Jan;123(1):58-66. PMID19117861. PMCID: PMC2760222.
- da Costa D, Bann CM, Hansen NI, Shankaran S, Delaney-Black V for the NICHD Neonatal Research Network. Validation of the Functional Status II questionnaire in the assessment of extremely-low-birthweight infants. *Dev Med Child Neurol*. 2009 Jul;51(7):536-44. PMID19459909. PMCID: PMC3031102.
- Dagle JM, Ryckman KK, Spracklen CN, Momany AM, Cotten CM, Levy J, Page GP, Bell EF, Carlo WA, Shankaran S, Goldberg RN, Ehrenkranz RA, Tyson JE, Stoll BJ, Murray JC, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Genetic variants associated with patent ductus arteriosus in extremely preterm infants. *J Perinatol*. 2019 Mar;39(3):401-408. doi: 10.1038/s41372-018-0285-6. Epub 2018 Dec 5. PMID: 30518802. PMCID: PMC6391165.
- D'Angio C, Heyne RJ, O'Shea TM, Schelonka RL, Shankaran S, Duara S, Goldberg RN, Stoll BJ, Van Meurs KP, Vohr BR, Das A, Li L, Burton RL, Hastings BK, Phelps DL, Sanchez PJ, Carlo WA, Stevenson DK, Higgins RD. Pneumococcal Conjugate Vaccine (PCV-7) Immunogenicity in Very-Low-Birth-Weight, Premature Infants. *Pediatr Infect Dis J*. 2010 Jul;29(7):600-6. PMID20234331. PMCID: PMC2949965.
- D'Angio CT, Ambalavanan N, Carlo WA, McDonald SA, Skogstrand K, Hougaard DM, Shankaran S, Goldberg RN, Ehrenkranz RA, Tyson JE, Stoll BJ, Das A, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Blood Cytokine Profiles Associated with Distinct Patterns of Bronchopulmonary Dysplasia (BPD) among Extremely Low Birth Weight Infants. *J Pediatr*. 2016 Jul;174:45-51.e5. doi: 10.1016/j.jpeds.2016.03.058. Epub 2016 Apr 23. PMID27117196. PMCID: PMC4925295.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- D'Angio CT, Murray TE, Sanchez PJ, O'Shea TM, Schelonka RL, Shankaran S, Duara S, Goldberg RN, Stoll BJ, Pichichero ME, Das A, Li L, Stevenson DK, Vohr BR, Phelps DL, Carlo WA, Higgins RD: for the NICHD Neonatal Research Network. Immunogenicity of Haemophilus influenzae Type b Protein Conjugate Vaccines in Very Low Birth Weight Infants [Letter to the Editor]. *Pediatr Infect Dis J*. 2013 Dec;32(12):1400-2. doi: 10.1097/01.inf.0000437263.04493.7c. PMID24569312. PMCID: PMC3960569.
- D'Angio CT, Wang H, Hunn J, Pryhuber GS, Chess PR, Lakshminrusimha S. Permission form synopses to improve parents' understanding of research: a randomized trial. *J Perinatol*. 2017 Jun;37(6):735-739. doi: 10.1038/jp.2017.26. Epub 2017 Mar 30. PMID28358380. PMCID: PMC5446277.
- Das A, Tyson J, Pedroza C, Schmidt B, Gantz M, Wallace D, Truog WE, Higgins RD. Methodological issues in the design and analyses of neonatal research studies: Experience of the NICHD Neonatal Research Network. *Semin Perinatol*. 2016 Oct;40(6):374-384. doi: 10.1053/j.semperi.2016.05.005. Epub 2016 Jun 22. PMID27344192. PMCID: PMC5065743.
- Davis AS, Gantz MG, Do B, Shankaran S, Hamrick SE, Kennedy KA, Tyson JE, Chalak LF, Lupton AR, Goldstein RF, Hintz SR, Das A, Higgins RD, Ball MB, Hale EC, Van Meurs KP. Serial aEEG recordings in a cohort of extremely preterm infants: feasibility and safety. *J Perinatol*. 2015 May;35(5):373-8. doi: 10.1038/jp.2014.217. Epub 2014 Dec 4. PMID25474559. PMCID: PMC4414657.
- Davis AS, Hintz SR, Goldstein RF, Ambalavanan N, Bann CM, Stoll BJ, Bell EF, Shankaran S, Lupton AR, Walsh MC, Hale EC, Newman NS, Das A, Higgins RD. Outcomes of extremely preterm infants following severe intracranial hemorrhage. *J Perinatol*. 2014 Mar;34(3):203-8. doi: 10.1038/jp.2013.162. Epub 2013 Dec 26. PMID24370654. PMCID: PMC4143234.
- Davis AS, Hintz SR, Van Meurs KP, Li L, Das A, Stoll BJ, Walsh MC, Pappas A, Bell EF, Lupton AR, Higgins RD. Seizures in Extremely Low Birth Weight Infants Are Associated with Adverse Outcome. *J Pediatr*. 2010 Nov;157(5):720-725.e2. Epub 2010 Jun 14. PMID20542294. PMCID: PMC2939969.
- De Jesus L, Pappas A, Das A, Kendrick DE, Shankaran S, and the GDB Subcommittee of the NICHD Neonatal Research Network. Risk Factors for Post-NICU Discharge Mortality Among Extremely Low Birth Weight Infants. *J Pediatr*. 2012 Jul;161(1):70-74.e2. Epub 2012 Feb 10. PMID22325187. PMCID: PMC3366175.
- De Jesus L, Sood BG, Shankaran S, Kendrick D, Das A, Bell EF, Stoll BJ, Lupton AR, Walsh MC, Carlo WA, Sanchez PJ, Van Meurs KP, Bara R, Hale EC, Newman N, Mall MB, Higgins RD for the Neonatal Research Network. Antenatal Magnesium Exposure and Acute Cardiorespiratory Events in Preterm Infants. *Am J Obstet Gynecol*. 2014 Jul 18. pii: S0002-9378(14)00723-6. doi: 10.1016/j.ajog.2014.07.023. [Epub ahead of print]. PMID25046806. PMC4275326.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- De Jesus LC, Pappas A, Shankaran S, Li L, Das A, Bell EF, Stoll BJ, Laptook AR, Walsh MC, Hale EC, Newman NS, Bara R, Higgins RD, Eunice Kennedy Shriver National Institute of Health and Human Development Neonatal Research Network. Outcomes of Small for Gestational Age Infants Born at <27 Weeks' Gestation. *J Pediatr*. 2013 Jul;163(1):55-60.e1-3. doi: 10.1016/j.jpeds.2012.12.097. Epub 2013 Feb 14. PMID23415614. PMCID: PMC3947828.
- Demarini S, Dollberg S, Hoath SB, Ho M, Donovan EF. Effects of Antenatal Corticosteroids on Blood Pressure in Very Low Birth Weight Infants During the First 24 Hours of Life. *J Perinatol*. 1999 Sep;19(6 Pt 1):419-25. PMID10685271.
- DeMauro SB, Bann CM, Flibotte J, Adams-Chapman I, Hintz SR. Cranial Ultrasound and Minor Motor Abnormalities at 2 Years in Extremely Low Gestational Age Infants. *J Dev Behav Pediatr*. 2019 Dec 26. doi: 10.1097/DBP.0000000000000758. [Epub ahead of print]. PMID: 31880687. PMCID in Process.
- DeMauro SB, D'Agostino JA, Bann C, Bernbaum J, Gerdes M, Bell EF, Carlo WA, D'Angio CT, Das A, Higgins R, Hintz SR, Laptook AR, Natarajan G, Nelin L, Poindexter BB, Sanchez PJ, Shankaran S, Stoll BJ, Truog W, Van Meurs KP, Vohr B, Walsh MC, Kirpalani H, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Developmental Outcomes of Very Preterm Infants with Tracheostomies. *J Pediatr*. 2014 Jan 25. pii: S0022-3476(13)01560-6. doi: 10.1016/j.jpeds.2013.12.014. [Epub ahead of print]. PMID24472229. PMCID: PMC4035374.
- DeMauro SB, Jensen EA, Bann CM, Bell EF, Hibbs AM, Hintz SR, Lorch SA. Home Oxygen and 2-Year Outcomes of Preterm Infants With Bronchopulmonary Dysplasia. *Pediatrics*. 2019 May;143(5). pii: e20182956. doi: 10.1542/peds.2018-2956. Epub 2019 Apr 11. PMID: 30975699. PMCID: PMC6564066.
- DeMauro SB, Merhar S, Peralta-Carcelen M, Vohr BR, Duncan AF, Hintz SR. The Critical Importance of Follow-up to School Age: Contributions of the NICHD Neonatal Research Network. *Semin Perinatol*. 2022 Nov;46(7):151643. doi: 10.1016/j.semperi.2022.151643. Epub 2022 Jun 10. PMID: 35850744; PMCID in Process.
- Denson LA, McDonald SA, Das A, Schendel DE, Skogstrand K, Hougaard DM, Shankaran S, Higgins RD, Carlo WA, Ehrenkranz RA, Cytokines Study Subcommittee of the NICHD Neonatal Research Network. Early Elevation in Circulating Interleukin-6 (IL-6) is Associated with Reduced Growth Velocity at Hospital Discharge in Extremely Low Birth Weight (ELBW) Infants. *Am J Perinatol*. 2017 Feb;34(3):240-247. doi: 10.1055/s-0036-1585419. Epub 2016 Jul 25. PMID27455401. PMCID: PMC5296404.

***Eunice Kennedy Shriver* National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Di Fiore JM, Martin RJ, Li H, Morris N, Carlo WA, Finer N, Walsh M, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health, and Human Development Neonatal Research Network. Patterns of Oxygenation, Mortality, and Growth Status in the Surfactant Positive Pressure and Oxygen Trial Cohort. *J Pediatr*. 2017 Jul;186:49-56.e1. doi: 10.1016/j.jpeds.2017.01.057. Epub 2017 Mar 6. PMID28279433. PMCID: PMC5484739.
- Di Fiore JM, Walsh MC, Wrage L, Rich W, Finer NN, Carlo WA, Martin RJ, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Low Oxygen Saturation Target Range is Associated with Increased Incidence of Intermittent Hypoxemia. *J Pediatr*. 2012 Dec;161(6):1047-1052.e1. doi: 10.1016/j.jpeds.2012.05.046. Epub 2012 Jun 26. PMID22738947. PMCID: PMC3730286.
- Dollberg S, Demarini S, Donovan EF, Hoath SB. Maturation of thermal capabilities in preterm infants. *Am J Perinatol*. 2000;17(1):47-51. PMID10928604.
- Donovan EF, Ehrenkranz RA, Shankaran S, Stevenson DK, Wright LL, Verter J, Fanaroff AA, Korones SB, Stoll BJ, Tyson JE, Bauer CR, Lemons JA, Oh W, Papile L. Outcomes of very low birth weight twins cared for in the National Institute of Child Health and Human Development Neonatal Research Network's intensive care units. *Am J Obstet Gynecol*. 1998 Sep;179(3 Pt 1):742-9. PMID9757982.
- Donovan EF, Sparling K, Lake MR, Narendran V, Schibler K, Haberman B, Rose B, Meinen-Derr J, Ohio Perinatal Quality Collaborative. The Investment Case for Preventing NICU-Associated Infections. *Am J Perinatol*. 2013 Mar;30(3):179-84. doi: 10.1055/s-0032-1322516. Epub 2012 Jul 26. PMID22836823. PMCID: PMC3789586.
- Donovan EF, Tyson JE, Ehrenkranz RA, Verter J, Wright LL, Korones SB, Bauer CR, Shankaran S, Stoll BJ, Fanaroff AA, Oh W, Lemons JA, Stevenson DK, Papile LA. Inaccuracy of Ballard scores before 28 weeks' gestation. *J Pediatr*. 1999 Aug;135(2 Pt 1):147-52. PMID10431107.
- Doyle NM, Gardner MO, Wells L, Qualls C, Papile LA. Outcome of very low birth weight infants exposed to antenatal indomethacin for tocolysis. *J Perinatol*. 2005 May;25(5):336-40. PMID15861198.
- Duncan AF, Bann CM, Boatman CT, Hintz SR, Vaucher YE, Vohr BR, Yolton K, Heyne RJ. Do currently recommended Bayley III cutoffs overestimate motor impairment in infants born <27 weeks gestation? *J Perinatol*. 2015 Jul;35(7):516-21. doi: 10.1038/jp.2014.243. Epub 2015 Jan 29. PMID25634519. PMCID: PMC4531094.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Duncan AF, Bann CM, Dempsey A, Peralta-Carcelen M, Hintz S, Eunice Kennedy Shriver National Institute of Child Health and Development Neonatal Research Network. Behavioral Deficits at 18-22 Months of Age Are Associated with Early Cerebellar Injury and Cognitive and Language Performance in Children Born Extremely Preterm. *J Pediatr.* 2018 Oct 3. pii: S0022-3476(18)31233-2. doi: 10.1016/j.jpeds.2018.08.059. [Epub ahead of print]. PMID: 30292492. PMCID: PMC6394414.
- Duncan AF, Bann CM, Dempsey AG, Adams-Chapman I, Heyne R, Hintz SR, Eunice Kennedy Shriver National Institute of Child Health and Development Neonatal Research Network. Neuroimaging and Bayley-III Correlates of Early Hand Function in Extremely Preterm Children. *J Perinatol.* 2019 Mar;39(3):488-496. doi: 10.1038/s41372-019-0314-0. Epub 2019 Jan 28. PMID: 30692613; PMCID: PMC7092795.
- Duncan AF, Bann CM, Maitre NL, Peralta-Carcelen M, Hintz SR, Eunice Kennedy Shriver National Institute of Child Health and Development Neonatal Research Network. Hand Function at 18-22 Months Is Associated with School-Age Manual Dexterity and Motor Performance in Children Born Extremely Preterm. *J Pediatr.* 2020 May 28;S0022-3476(20)30686-7. doi: 10.1016/j.jpeds.2020.05.048. PMID: 32474029; PMCID: PMC7652574.
- Duncan AF, Watterberg KL, Nolen TL, Vohr BR, Adams-Chapman I, Das A, Lowe J, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effect of Ethnicity and Race on Cognitive and Language Testing at Age 18-22 Months in Extremely Preterm Infants. *J Pediatr.* 2012 Jun;160(6):966-971.e2. Epub 2012 Jan 23. PMID22269248. PMCID: PMC3343209.
- Dusick AM, Poindexter BB, Ehrenkranz RA, Lemons JA. Growth failure in the preterm infant: Can we catch up. *Semin Perinatol.* 2003 Aug;27(4):302-10. PMID14510321.
- Dworetz AR, Natarajan G, Langer JC, Kinlaw K, James JR, Bidegain M, Das A, Poindexter BB, Bell EF, Cotten CM, Kirpalani H, Shankaran S, Stoll BJ, Eunice Kennedy Shriver National Institute of Child Health; Human Development Neonatal Research Network. Withholding or withdrawing life-sustaining treatment in extremely low gestational age neonates. *Arch Dis Child Fetal Neonatal Ed.* 2020 Oct 20;fetalneonatal-2020-318855. doi: 10.1136/archdischild-2020-318855. Online ahead of print. PMID: 33082153; PMCID: PMC8055718.
- Edwards L, Cotten CM, Smith PB, Goldberg R, Saha S, Das A, Laptook AR, Stoll BJ, Bell EF, Carlo WA, D'Angio CT, DeMauro SB, Sanchez PJ, Shankaran S, Van Meurs KP, Vohr BR, Walsh MC, Malcolm WF, Eunice Kennedy Shriver National Institute of Child Health and Human Development. Inadequate oral feeding as a barrier to discharge in moderately preterm infants. *J Perinatol.* 2019 Sep;39(9):1219-1228. doi: 10.1038/s41372-019-0422-x. Epub 2019 Jul 11. PMID: 31296918. PMCID: PMC7246972.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Ehrenkranz RA, Das A, Wrage LA, Poindexter BB, Higgins RD, Stoll BJ, Oh W. Early Nutritional Support Mediates the Influence of Severity of Illness on Outcomes in Extremely Low Birth Weight Infants. *Pediatr Res*. 2011 Jun;69(6):522-529. PMID21378596. PMCID: PMC3090495.
- Ehrenkranz RA, Dusick AM, Vohr BR, Wright LL, Wrage L, Poole WK. Growth in the neonatal intensive care unit influences neurodevelopmental and growth outcomes of extremely low birth weight infants. *Pediatrics*. 2006 Apr;117(4):1253-61. PMID16585322.
- Ehrenkranz RA, Walsh MC, Vohr BR, Jobe AH, Wright LL, Fanaroff AA, Wrage LA, Poole K, NICHD Neonatal Research Network. Validation of the National Institutes of Health consensus definition of bronchopulmonary dysplasia. *Pediatrics*. 2005 Dec;116(6):1353-60. PMID16322158.
- Ehrenkranz RA, Wright LL. NICHD neonatal research network: contributions and future challenges. *Semin Perinatol*. 2003 Aug;27(4):264-80. PMID14510317.
- Ehrenkranz RA, Younes N, Lemons JA, Fanaroff AA, Donovan EF, Wright LL, Katsikiotis V, Verter J, Tyson JE, Oh W, Shankaran S, Bauer CR, Korones SB, Stoll BJ, Stevenson DK, Papile LA. Longitudinal growth of hospitalized very low birthweight infants. *Pediatrics*. 1999 Aug;104(2 Pt 1):280-9. PMID10429008.
- Fanaroff AA, Hack M, Walsh MC. The NICHD neonatal research network: changes in practice and outcomes during the first 15 years. *Semin Perinatol*. 2003 Aug;27(4):281-7. PMID14510318.
- Fanaroff AA, Korones SB, Wright LL, Verter J, Poland RL, Bauer CR, Tyson JE, Philips JB, Edwards W, Lucey JF, Catz CS, Shankaran S, Oh W. Incidence, presenting features, risk factors and significance of late onset septicemia in very low birth weight infants. The National Institute of Child Health and Human Development Neonatal Research Network. *Pediatr Infect Dis J*. 1998 Jul;17(7):593-8. PMID9686724.
- Fanaroff AA, Korones SB, Wright LL, Wright EC, Poland RL, Bauer CB, Tyson JE, Philips JB, Edwards W, Lucey JF, Catz CS, Shankaran S, Oh W for the NICHD Neonatal Research Network. A controlled trial of intravenous immune globulin to reduce nosocomial infections in very-low-birth-weight infants. *National Institute of Child Health and Human Development Neonatal Research Network. N Engl J Med*. 1994 Apr 21;330(16):1107-13. PMID8133853.
- Fanaroff AA, Stoll BJ, Wright LL, Carlo WA, Ehrenkranz RA, Stark AR, Bauer CR, Donovan EF, Korones SB, Laptook AR, Lemons JA, Oh W, Papile LA, Shankaran S, Stevenson DK, Tyson JE, Poole WK, NICHD Neonatal Research Network. Trends in neonatal morbidity and mortality for very low birthweight infants. *Am J Obstet Gynecol*. 2007 Feb;196(2):147.e1-8. PMID17306659.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Fanaroff AA, Wright LL, Stevenson DK, Shankaran S, Donovan EF, Ehrenkranz RA, Younes N, Korones SB, Stoll BJ, Tyson JE, Bauer CR, Oh W, Lemons JA, Papile LA. Very low birthweight outcomes of the NICHD Neonatal Research Network, May 1991-December 1992. *Am J Obstet Gynecol*. 1995 Nov;173(5):1423-31. PMID7503180.
- Fernandez E, Watterberg KL, Faix RG, Yoder BA, Walsh MC, Backstrom Lacy C, Osborne KA, Das A, Kendrick DE, Stoll BJ, Poindexter BB, Lupton AR, Kennedy KA, Schibler K, Bell EF, Van Meurs KP, Frantz III ID, Goldberg RN, Shankaran S, Carlo WA, Ehrenkranz RA, Sánchez PJ, Higgins RD. Incidence, Management, and Outcomes of Cardiovascular Insufficiency in Critically Ill Term and Late Preterm Newborn Infants. *Am J Perinatol*. 2014 Nov;31(11):947-56. doi: 10.1055/s-0034-1368089. Epub 2014 Feb 10. PMID24515617. PMCID: PMC4127379.
- Fernandez EF, Watterberg KL, Faix RG, Yoder BA, Walsh MC, Backstrom Lacy C, Osborne KA, Das A, Kendrick DE, Sokol G, Stoll BJ, Higgins RD. Definitions of cardiovascular insufficiency and relation to outcomes in critically ill newborn infants. *Am J Perinatol*. 2015 Sep;32(11):1024-30. doi: 10.1055/s-0035-1547321. Epub 2015 Mar 31. PMID25825962. PMCID: PMC4689139.
- Finer NN, Carlo WA, Duara S, Fanaroff AA, Donovan EF, Wright LL, Kandefer S, Poole WK, National Institute of Child Health and Human Development Neonatal Research Network. Delivery room continuous positive airway pressure/positive end-expiratory pressure in extremely low birth weight infants: a feasibility trial. *Pediatrics*. 2004 Sep;114(3):651-7. PMID15342835.
- Flannery DD; Puopolo KM, Hanse NI, Sanchez PJ, Stoll BJ, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neonatal infections: learnings from a multicenter longitudinal research collaborative. *Semin Perinatol*. 2022 Nov;46(7):151637. doi: 10.1016/j.semperi.2022.151637. Epub 2022 Jun 10. PMID: 35864010; PMCID in Process.
- Flannery DD; Puopolo KM; Hansen NI; Gerber JS; Sánchez PJ; Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Antimicrobial Susceptibility Profiles Among Neonatal Early-onset Sepsis Pathogens. *Pediatr Infect Dis J*. 2021 Nov 30. doi: 10.1097/INF.0000000000003380. Online ahead of print. PMID: 34862339. PMCID: PMC8831448
- Flibotte J, Lupton AR, Shankaran S, McDonald SA, Baserga MC, Bell EF, Cotten CM, Das A, DeMauro SB, DuPont TL, Eichenwald EC, Heyne RJ, Jensen EA, Van Meurs KP, Dysart K, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Blanket temperature during therapeutic hypothermia and outcomes in hypoxic ischemic encephalopathy. *J Perinatol*. 2022 Mar;42(3):348-353. doi: 10.1038/s41372-021-01302-4. Epub 2022 Jan 8. PMID: 34999716; PMCID: PMC9121861.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Foglia E, Gantz MG, DeMauro S, Lakshminrusimha S, Walsh MC, Schmidt B. Association between Policy Changes for Oxygen Saturation Alarm Settings and Neonatal Morbidity and Mortality in Infants Born Very Preterm. *J Pediatr*. 2019 Jun;209:17-22.e2. doi: 10.1016/j.jpeds.2019.01.048. Epub 2019 Apr 5. PMID: 30961990. PMCID: PMC6535348.
- Foglia EE, DeMauro SB, Poindexter BB, Bell EF, Stoll BJ, Van Meurs KP, Nolen TL, Das A, Higgins RD, Schmidt B. Short-term Outcomes of Infants Enrolled in Randomized Clinical Trials vs Those Eligible but Not Enrolled. *JAMA*. 2015 Jun 16;313(23):2377-9. doi: 10.1001/jama.2015.5734. PMID26080344. PMCID: PMC4720434.
- Fuller MG, Vaucher YE, Bann CM, Das A, for the NICHD Neonatal Research Network. Lack of social support as measured by the Family Resource Scale screening tool is associated with early adverse cognitive outcome in extremely low birth weight children. *J Perinatol*. 2019 Aug 20. doi: 10.1038/s41372-019-0462-2. [Epub ahead of print]. PMID: 31431654; PMCID: PMC7035947.
- Gantz MG, Carlo WA, Finer NN, Rich W, Faix RG, Yoder BA, Walsh MC, Newman NS, Lupton A, Schibler K, Das A, Higgins RD, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Achieved oxygen saturations and retinopathy of prematurity in extreme preterms. *Arch Dis Child Fetal Neonatal Ed*. 2019 Jun 22. pii: fetalneonatal-2018-316464. doi: 10.1136/archdischild-2018-316464. [Epub ahead of print]. PMID: 31229956. PMCID: PMC6925651.
- Gardner MO, Papile LA, Wright LL. Antenatal corticosteroids in pregnancies complicated by preterm premature rupture of membranes. *Obstet Gynecol*. 1997 Nov;90(5):851-3. PMID9351778.
- Gargus RA, Vohr BR, High PC, Higgins RD, Tyson JE, Wrage LA, Poole WK. Unimpaired outcomes for extremely low birth weight infants at 18 to 22 months. *Pediatrics*. 2009 Jul;124(1):112-21. PMID19564290. PMCID: PMC2856069.
- Gentle S, Carlo WA, Ambalavanan N. Duration of Noninvasive Respiratory Support and Risk for Bronchopulmonary Dysplasia or Death. *J Perinatol*. 2022 Jan 15. doi: 10.1038/s41372-021-01269-2. Online ahead of print. PMID: 35034096; PMCID in Process.
- Gentle SJ, Carlo WA, Tan S, Gargano M, Ambalavanan N, Chawla S, Bell EF, Bann CM, Hintz SR, Heyne RJ, Tita ATN, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Neonatal Research Network. Association of Antenatal Corticosteroids and Magnesium Sulfate Therapy With Neurodevelopmental Outcome in Extremely Preterm Children. *Obstet Gynecol*. 2020 Jun;135(6):1377-1386. doi: 10.1097/AOG.0000000000003882. PMID: 32459430; PMCID: PMC7278037.

BIBLIOGRAPHY

- Gentle SJ, Carper B, Laughon MM, Jensen EA, Williams A, Travers CP, Ambalavanan N, Lal CV, Carlo WA. Duration of Noninvasive Respiratory Support and Risk for Bronchopulmonary Dysplasia or Death. *J Perinatol.* 2022 Apr;42(4):454-460. doi: 10.1038/s41372-021-01269-2. Epub 2022 Jan 15. PMID: 35034096. PMCID: PMC9007818
- Gentle SJ, Rysavy MA, Li L, Laughon MM, Patel RM, Jensen EA, Hintz SR, Ambalavanan N, Carlo WA, Watterberg KL; National Institute of Child Health and Human Development Neonatal Research Network. Heterogeneity of Treatment Effects of Hydrocortisone by Risk of Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants in the National Institute of Child Health and Human Development Neonatal Research Network Trial: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Netw Open.* 2023 May 1;6(5):e2315315. doi: 10.1001/jamanetworkopen.2023.15315. PMID: 37256621; PMCID: PMC10233424.
- Goldstein RF, Cotten CM, Shankaran S, Gantz MG, Poole WK. Influence of gestational age on death and neurodevelopmental outcome in premature infants with severe intracranial hemorrhage. *J Perinatol.* 2013 Jan;33(1):25-32. doi: 10.1038/jp.2012.91. Epub 2012 Jul 19. PMID22814942. PMCID: PMC3777699.
- Gray K, Saha S, Battarbee A, Cotten CM, Boghossian N, Walsh MC, Greenberg RG. Outcomes of Moderately Preterm Infants of Insulin-Dependent Diabetic Mothers. *Am J Perinatol.* 2022 Mar 17. doi: 10.1055/a-1801-3050. Online ahead of print. PMID: 35299277; PMCID in Process.
- Greenberg RG, Benjamin DK Jr, Gantz MG, Cotten CM, Stoll BJ, Walsh MC, Sánchez PJ, Shankaran S, Das A, Higgins RD, Miller NA, Auten KJ, Walsh TJ, Laptook AR, Carlo WA, Kennedy KA, Finer NN, Duara S, Schibler K, Ehrenkranz RA, Van Meurs KP, Frantz ID 3rd, Phelps DL, Poindexter BB, Bell EF, O'Shea TM, Watterberg KL, Goldberg RN, Smith PB, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Empiric Antifungal Therapy and Outcomes in Extremely Low Birth Weight Infants with Invasive Candidiasis. *J Pediatr.* 2012 Aug;161(2):264-269.e2. Epub 2012 Mar 15. PMID22424952. PMCID: PMC3380169.
- Greenberg RG, Chowdhury D, Hansen NI, Smith PB, Stoll BJ, Sánchez PJ, Das A, Puopolo KM, Mukhopadhyay S, Higgins RD, Cotten CM, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Prolonged duration of early antibiotic therapy in extremely premature infants. *Pediatr Res.* 2019 Jun;85(7):994-1000. doi: 10.1038/s41390-019-0300-4. Epub 2019 Jan 22. PMID: 30737489. PMCID: PMC6531328.
- Greenberg RG, Smith PB, Cotten CM, Wilson-Costello D, Stoll BJ. Late-onset sepsis in extremely premature infants: 2000-2011. *Pediatr Infect Dis J.* 2017 Aug;36(8):774-779. doi: 10.1097/INF.0000000000001570. PMID: 28709162. PMCID: PMC5627954.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Greenwood C, Morrow AL, Lagomarcino A, Altaye M, Taft D, Yu Z, Newburg DS, Ward D, Gevers D, Huttenhower C, Schibler KR. Early empirical antibiotic use in preterm infants is associated with lower bacterial diversity and higher relative abundance of Enterobacter. *J Pediatr*. 2014 Feb 13. pii: S0022-3476(14)00011-0. doi: 10.1016/j.jpeds.2014.01.010. [Epub ahead of print]. PMID24529620. PMCID: PMC4074569.
- Guillet R, Stoll BJ, Cotten CM, Gantz M, McDonald S, Poole WK, Phelps DL. Association of H2-blocker therapy and higher incidence of necrotizing enterocolitis in very low birth weight infants. *Pediatrics*. 2006 Feb;117(2):e137-42. Epub 2006 Jan 3. PMID16390920.
- Hack M, Horbar JD, Malloy MH, Tyson JE, Wright EC, Wright LL. Very low birth weight outcomes of the National Institute of Child Health and Human Development Neonatal Network. *Pediatrics*. 1991 May;87(5):587-97. PMID2020502.
- Hack M, Wright LL, Shankaran S, Tyson JE, Horbar JD, Bauer CR, Younes N. Very low birth weight outcomes of the National Institute of Child Health and Human Development Neonatal Network, November 1989 - October 1990. *Am J Obstet Gynecol*. 1995 Feb;172(2 Pt 1):457-64. PMID7856670.
- Handley SC, Kumbhat N, Eggleston B, Foglia EE, Davis AS, Van Meurs K, Lakshminrusimha S, Walsh M, Watterberg KL, Wyckoff MH, Das A, DeMauro SB. Exposure to umbilical cord management approaches and death or neurodevelopmental impairment at 22-26 months' corrected age after extremely preterm birth. *Arch Dis Child Fetal Neonatal Ed*. 2022 Oct 17;fetalneonatal-2022-324565. doi: 10.1136/archdischild-2022-324565. Online ahead of print. PMID: 36253076; PMCID: PMC10108713.
- Harmon HM, Jensen EA, Tan S, Chaudhary AS, Slaughter J, Bell EF, Wyckoff MH, Hensman AM, Sokol GM, DeMauro SB, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Timing of Postnatal Steroids for Bronchopulmonary Dysplasia: Association With Pulmonary and Neurodevelopmental Outcomes. *J Perinatol*. 2020 Apr;40(4):616-627. doi: 10.1038/s41372-020-0594-4. Epub 2020 Feb 4. PMID: 32020038; PMCID: PMC7101070.
- Hartnett ME, Morrison MA, Smith S, Yanovitch TL, Young TL, Colaizy T, Momany A, Dagle J, Carlo WA, Page G, Murray J, DeAngelis MM, Cotten CM. Genetic Variants Associated with Severe Retinopathy of Prematurity in Extremely Low Birth Weight Infants. *Invest Ophthalmol Vis Sci*. 2014 Aug 12. pii: IOVS-14-14841. doi: 10.1167/iovs.14-14841. [Epub ahead of print]. PMID25118269. PMCID: PMC4188045.

***Eunice Kennedy Shriver* National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Heller CD, O'Shea M, Yao Q, Langer J, Ehrenkranz RA, Phelps DL, Poole WK, Stoll B, Duara S, Oh W, Lemons J, Poindexter B, NICHD Neonatal Research Network. Human milk intake and retinopathy of prematurity in extremely low birth weight infants. *Pediatrics*. 2007 Jul;120(1):1-9. PMID17606555.
- Hertz DE, Fuller D, Davis T, Stevenson DK, Papile LA, Lemons JA. NICHD Neonatal Network. Comparison of DNA probe technology and automated continuous-monitoring blood culture systems in the detection of neonatal bacteremia. *J Perinatol*. 1999 Jun;19(4):290-3. PMID10685241.
- Higgins RD, Seetha S. The Neonatal Research Network: History since 2003, future directions and challenges. *Semin Perinatol*. 2016 Oct;40(6):337-340. doi: 10.1053/j.semperi.2016.05.002. Epub 2016 Jun 29. PMID27371959. PMCID: PMC5065738.
- Higgins RD, Shankaran S. Hypothermia for hypoxic ischemic encephalopathy in infants ≥ 36 weeks. *Early Hum Dev*. 2009 Oct;85(10 Suppl):S49-52. Epub 2009 Sep 17. PMID19762176. PMCID: PMC2813680.
- Hintz SR, Bann CM, Ambalavanan N, Cotten CM, Das A, Higgins RD for the Neonatal Research Network. Predicting Hospital Discharge for Extremely Preterm Infants. *Pediatrics*. 2010 Jan;125(1):e146-54. Epub 2009 Dec 14. PMID20008430. PMCID: PMC2951502.
- Hintz SR, Gaylord TD, Oh W, Fanaroff AA, Mele L, Stevenson DK, Nichd FT, NICHD, Neonatal Research Network. Serum bilirubin levels at 72 hours by selected characteristics in breastfed and formula-fed term infants delivered by cesarean section. *Acta Paediatr*. 2001 Jul;90(7):776-81. PMID11519981.
- Hintz SR, Kendrick DE, Stoll BJ, Vohr BR, Fanaroff AA, Donovan EF, Poole WK, Blakely ML, Wright L, Higgins R, NICHD Neonatal Research Network. Neurodevelopmental and growth outcomes of extremely low birth weight infants after necrotizing enterocolitis. *Pediatrics*. 2005 Mar;115(3):696-703. PMID15741374.
- Hintz SR, Kendrick DE, Vohr BR, Poole WK, Higgins RD for the NICHD Neonatal Research Network. Changes in neurodevelopmental outcomes at 18 to 22 months' corrected age among infants of less than 25 weeks' gestational age born in 1993-1999. *Pediatrics*. 2005 Jun;115(6):1645-51. PMID15930228.
- Hintz SR, Kendrick DE, Vohr BR, Poole WK, Higgins RD for the NICHD Neonatal Research Network. Gender differences in neurodevelopmental outcomes among extremely preterm, extremely-low-birthweight infants. *Acta Paediatr*. 2006 Oct;95(10):1239-48. PMID16982497.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Hintz SR, Kendrick DE, Vohr BR, Poole WK, Higgins RD, NICHD Neonatal Research Network. Community supports after surviving extremely low-birth-weight, extremely preterm birth: special outpatient services in early childhood. *Arch Pediatr Adolesc Med*. 2008 Aug;162(8):748-55. PMID18678807. PMCID: PMC2748992.
- Hintz SR, Kendrick DE, Wilson-Costello DE, Das A, Bell EF, Vohr BR, Higgins RD, NICHD Neonatal Research Network. Early-Childhood Neurodevelopmental Outcomes Are Not Improving for Infants Born at <25 Weeks' Gestational Age. *Pediatrics*. 2011 Jan;127(1):62-70. Epub 2010 Dec 27. PMID21187312. PMCID: PMC3375467.
- Hintz SR, Newman JE, Vohr BR. Changing definitions of long-term follow-up: Should "long term" be even longer? *Semin Perinatol*. 2016 Oct;40(6):398-409. doi: 10.1053/j.semperi.2016.05.011. Epub 2016 Jul 12. PMID27417651. PMCID: PMC5267947 .
- Hintz SR, Poole WK, Wright LL, Fanaroff AA, Kendrick DE, Laptook AR, Goldberg R, Duara S, Stoll BJ, Oh W, NICHD Neonatal Research Network. Changes in mortality and morbidities among infants born at less than 25 weeks during the post-surfactant era. *Arch Dis Child Fetal Neonatal Ed*. 2005 Mar;90(2):F128-33. PMID15724036. PMCID: PMC1721837.
- Hintz SR, Slovis T, Bulas D, Van Meurs KP, Perritt R, Stevenson DK, Poole WK, Das A, Higgins RD, NICHD Neonatal Research Network. Interobserver reliability and accuracy of cranial ultrasound scanning interpretation in premature infants. *J Pediatr*. 2007 Jun;150(6):592-6, 596.e1-5. PMID17517240.
- Hintz SR, Van Meurs KP, Perritt R, Poole WK, Das A, Stevenson DK, Ehrenkranz RA, Lemons JA, Vohr BR, Heyne R, Childers DO, Peralta-Carcelen M, Dusick A, Johnson YR, Morris B, Dillard R, Vaucher Y, Steichen J, Adams-Chapman I, Konduri G, Myers GJ, de Ungria M, Tyson JE, Higgins RD, NICHD Neonatal Research Network. Neurodevelopmental outcomes of premature infants with severe respiratory failure enrolled in a randomized controlled trial of inhaled nitric oxide. *J Pediatr*. 2007 Jul;151(1):16-22, 22.e1-3. PMID17586184.
- Hintz SR, Vohr BR, Bann CM, Taylor HG, Das A, Gustafson KE, Yolton K, Watson VE, Lowe J, DeAnda ME, Ball MB, Finer NN, Van Meurs KP, Shankaran S, Pappas A, Barnes PD, Bulas D, Newman JE, Wilson-Costello DE, Heyne RJ, Harmon HM, Peralta-Carcelen M, Adams-Chapman I, Duncan AF, Fuller J, Vaucher YE, Colaizy TT, Winter S, McGowan EC, Goldstein RF, Higgins RD, SUPPORT study group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Preterm Neuroimaging and School-Age Cognitive Outcomes. *Pediatrics*. 2018 Jul;142(1). pii: e20174058. doi: 10.1542/peds.2017-4058. PMID: 29945955. PMCID: PMC6128951.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Hintz SR, Wrage LA, Barnes PD, Bulas D, Slovis T, Das A, Finer NN, Higgins RD, for the SUPPORT Subcommittee. 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. PMID25554820. PMCID: PMC4279063.
- Hintz SR, Yao Q, Das A, Poole WK, Stevenson DK, and the Phototherapy Subcommittee of the NICHD Neonatal Research Network. Is phototherapy exposure associated with better or worse outcomes in 501- to 1000-g-birth-weight infants? *Acta Paediatr*. 2011 Jul;100(7):960-5. doi: 10.1111/j.1651-2227.2011.02175.x. Epub 2011 Feb 25. PMID21272067. PMCID: PMC3505994.
- Hoffman, L, Vohr BR, Caskey M, Higgins RD. Developmental outcomes of extremely preterm infants born to adolescent mothers. *Pediatrics*. 2015 Jun;135(6):1082-92. doi: 10.1542/peds.2014-3880. Epub 2015 May 11. PMID25963007. PMCID: PMC4444804.
- Horbar JD, Onstad L, Wright E. Predicting mortality risk for infants weighing 501-1500 grams at birth: A National Institutes of Health Neonatal Research Network Report. *Crit Care Med*. 1993 Jan;21(1):12-8. PMID8420718.
- Horbar JD, Wright EC, Onstad L and the NICHD Neonatal Research Network. Decreasing mortality associated with the introduction of surfactant therapy: An observational study of neonates weighing 601-1300 grams at birth. *Pediatrics*. 1993 Aug;92(2):191-6. PMID7710456.
- Horbar JD, Wright LL, Soll RF, Wright EC, Fanaroff AA, Korones SB, Shankaran S, Oh W, Fletcher BD, Bauer CR, Tyson JE, Lemons JA, Donovan EF, Stoll BJ, Stevenson DK, Papile LA, Philips JB. A multicenter randomized trial comparing two surfactants for the treatment of neonatal respiratory distress syndrome. *J Pediatr*. 1993 Nov;123(5):757-66. PMID8229487.
- James J, Munson D, DeMauro SB, Langer JC, Dworetz AR, Natarajan G, Bidegain M, Fortney CA, Seabrook R, Vohr BR, Tyson JE, Bell EF, Poindexter BB, Shankaran S, Higgins RD, Das A, Stoll BJ, Kirpalani H, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support. *J Pediatr*. 2017 Nov;190:118-123.e4. doi: 10.1016/j.jpeds.2017.05.056. Epub 2017 Jun 21. PMID: 28647272. PMCID: PMC5690862.
- Jensen EA, Dysart K, Gantz MG, McDonald S, Bamat NA, Keszler M, Kirpalani H, Laughon MM, Poindexter BB, Duncan AF, Yoder BA, Eichenwald E, DeMauro SB, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. The Diagnosis of Bronchopulmonary Dysplasia in Very Preterm Infants: An Evidence-Based Approach. *Am J Respir Crit Care Med*. 2019 Sep 15;200(6):751-759. doi: 10.1164/rccm.201812-2348OC. PMID: 30995069. PMCID: PMC6775872.

BIBLIOGRAPHY

- Jensen EA, Laughon MM, DeMauro SB, Cotten CM, Do B, Carlo WA, Watterberg KL. Contributions of the NICHD neonatal research network to the diagnosis, prevention, and treatment of bronchopulmonary dysplasia. *Semin Perinatol.* 2022 Nov;46(7):151638. doi: 10.1016/j.semperi.2022.151638. Epub 2022 Jun 10. PMID: 36085059; PMCID in Process.
- Jensen EA, Wiener LE, Rysavy MA, Dysart K, Gantz MG, Eichenwald EC, Greenberg RG, Harmon HM, Laughon MM, Watterberg KL, Walsh MC, Yoder BA, Lorch SA, DeMauro SB, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Assessment of Corticosteroid Therapy and Death or Disability According to Pretreatment Risk of Death or Bronchopulmonary Dysplasia in Extremely Preterm Infants. *JAMA Netw Open.* 2023 May 1;6(5):e2312277. doi: 10.1001/jamanetworkopen.2023.12277. PMID: 37155165; PMCID: PMC10167571.
- Jensen, Erik, Dysart K, Schmidt B, Gantz MG, Higgins RD, Keszler M, Laughon MM, Poindexter BB, Stoll BJ, Walsh MC. Association between Use of Prophylactic Indomethacin and the Risk for Bronchopulmonary Dysplasia in Extremely Preterm Infants. *J Pediatr.* 2017 Jul;186:34-40.e2. doi: 10.1016/j.jpeds.2017.02.003. Epub 2017 Feb 28. PMID28258737. PMCID: PMC5484725.
- Jilling T, Ambalavanan N, Cotten CM, Martin CA, Maheshwari A, Schibler K, Levy J, Page GP. Surgical necrotizing enterocolitis in extremely premature neonates is associated with genetic variations in an intergenic region of chromosome eight. *Pediatr Res.* 2018 May;83(5):943-953. doi: 10.1038/pr.2018.33. Epub 2018 May 16. PMID: 29538362. PMCID: PMC6053310.
- Kabra NS, Schmidt B, Roberts RS, Doyle LW, Papile L, Fanaroff A, Trial of Indomethacin Prophylaxis in Preterms (TIPP) Investigators. Neurosensory impairment after surgical closure of patent ductus arteriosus in extremely low birth weight infants: Results from the trial of indomethacin prophylaxis in preterms. *J Pediatr.* 2007 Mar;150(3):229-34, 234.e1. PMID17307535.
- Kelleher J, Salas AA, Bhat R, Ambalavanan N, Saha S, Higgins RD, Carlo WA, and GDB Subcommittee. Prophylactic Indomethacin and Intestinal Perforation in Extremely Low Birth Weight Infants. *Pediatrics.* 2014 Nov;134(5):e1369-77. doi: 10.1542/peds.2014-0183. Epub 2014 Oct 27. PMID25349317. PMCID: PMC4533280.
- Kennedy KA, Cotten CM, Watterberg KL, Carlo WA. Prevention and management of bronchopulmonary dysplasia: Lessons learned from the neonatal research network. *Semin Perinatol.* 2016 Oct;40(6):348-355. doi: 10.1053/j.semperi.2016.05.010. PMID27742002. PMCID: PMC5279709.
- Kennedy KA, Stoll BJ, Ehrenkranz RA, Oh W, Wright LL, Stevenson DK, Lemons JA, Sowell A, Mele L, Tyson JE, Verter J. Vitamin A to prevent bronchopulmonary dysplasia in very-low-birthweight infants: has the dose been too low? *Early Hum Dev.* 1997 Jul 24;49(1):19-31. PMID9179535.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Kennedy KA, Wrage LA, Higgins RD, Finer NN, Carlo WA, Walsh MC, Lupton AR, Faix RG, Yoder B, Schibler KR, Gantz MG, Das A, Newman NS, Rich W, Phelps DL. Evaluating Retinopathy of Prematurity Screening Guidelines for 24-27 Week Gestational Age Infants. *J Perinatol*. 2014 Apr;34(4):311-8. doi: 10.1038/jp.2014.12. Epub 2014 Feb 6. PMID24503911. PMCID: PMC3969774.
- Kilbride HW, Vohr BR, McGowan EM, Peralta-Carcelen M, Stringer K, Das A, Archer SW, Hintz SR. Early neurodevelopmental follow up in the NICHD Neonatal Research network: Advancing neonatal care and outcomes, opportunities for the future. *Semin Perinatol*. 2022 Nov;46(7):151642. doi: 10.1016/j.semperi.2022.151642. Epub 2022 Jun 10. PMID: 35842320; PMCID in Process.
- Kirpalani H, Bell EF, Hintz SR, Tan S, Schmidt B, Chaudhary AS, Johnson KJ, Crawford MM, Newman JE, Vohr BR, Carlo WA, D'Angio CT, Kennedy KA, Ohls RK, Poindexter BB, Schibler K, Whyte RK, Widness JA, Zupancic JAF, Wyckoff MH, Truog WE, Walsh MC, Chock VY, Lupton AR, Sokol GM, Yoder BA, Patel RM, Cotten CM, Carmen MF, Devaskar U, Chawla S, Seabrook R, Higgins RD, Das A, Eunice Kennedy Shriver NICHD Neonatal Research Network. High or Low Hemoglobin Transfusion Thresholds for Preterm Infants. *N Engl J Med*. 2020 Dec 31;383(27):2639-2651. doi: 10.1056/NEJMoa2020248. PMID: 33382931; PMCID: PMC8487591.
- Kirpalani H, Truog WE, D'Angio CT, Cotten M. Recent controversies on comparative effectiveness research investigations: Challenges, opportunities, and pitfalls. *Semin Perinatol*. 2016 Oct;40(6):341-347. doi: 10.1053/j.semperi.2016.05.004. Epub 2016 Aug 8. PMID27423511. PMCID: PMC5222533.
- Kole-White MB, Saha S, Werner E, Chawla S, Keszler M, McGowan E, Wyckoff MH, Lupton AR; Generic Database Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Maternal hypertensive disorders and survival without major morbidities among extremely low gestation newborns. *J Perinatol*. 2023 Feb 22. doi: 10.1038/s41372-023-01631-6. Online ahead of print. PMID: 36813902; PMCID in Process.
- Konduri G, Solimano A, Sokol GM, Singer J, Ehrenkranz RA, Singhal N, Wright LL, Van Meurs K, Stork E, Kirpalani H, Peliowski A for the Neonatal Inhaled Nitric Oxide Study Group. A randomized trial of early versus standard inhaled nitric oxide therapy in term and near-term newborn infants with hypoxic respiratory failure. *Pediatrics*. 2004 Mar;113(3 Pt 1):559-64. PMID14993550.
- Konduri GG, Sokol GM, Van Meurs KP, Singer J, Ambalavanan N, Lee T, Solimano A. Impact of early surfactant and inhaled nitric oxide therapies on outcomes in term/late preterm neonates with moderate hypoxic respiratory failure. *J Perinatol*. 2013 Jul 18. doi: 10.1038/jp.2013.83. [Epub ahead of print]. PMID23867958. PMCID: PMC3841912.

BIBLIOGRAPHY

- Konduri GG, Vohr B, Robertson C, Sokol GM, Solimano A, Singer J, Ehrenkranz RA, Singhal N, Wright LL, Van Meurs K, Stork E, Kirpalani H, Peliowski A, Johnson Y for the Neonatal Inhaled Nitric Oxide Study Group. Early inhaled nitric oxide therapy for term and near-term newborn infants with hypoxic respiratory failure: neurodevelopmental follow-up. *J Pediatr*. 2007 Mar;150(3):235-40, 240.e1. PMID17307536. PMCID: PMC1906720.
- Kumar P, Shankaran S, Ambalavanan N, Kendrick DE, Pappas A, Vohr BR, Poindexter BB, Das A, Higgins RD. Characteristics of extremely low-birth-weight infant survivors with unimpaired outcomes at 30 months of age. *J Perinatol*. 2013 Oct;33(10):800-5. doi: 10.1038/jp.2013.71. Epub 2013 Jun 27. PMID23807719. PMCID: PMC3903461 .
- Kumbhat N, Eggleston B, Davis AS, DeMauro SB, Van Meurs KP, Foglia EE, Lakshminrusimha S, Walsh MC, Watterberg KL, Wyckoff MH, Das A, Handley SC; Generic Database Subcommittee of the National Institute of Child Health and Human Development Neonatal Research Network. Umbilical Cord Milking vs Delayed Cord Clamping and Associations with In-Hospital Outcomes among Extremely Premature Infants. *J Pediatr*. 2021 May;232:87-94.e4. doi: 10.1016/j.jpeds.2020.12.072. Epub 2021 Jan 5. PMID: 33417919; PMCID: PMC8084979.
- Kumbhat N, Eggleston B, Davis AS, Van Meurs KP, DeMauro SB, Foglia C, Lakshminrusimha S, Walsh MC, Watterberg KL, Wyckoff M, Das A, Handley SC, for the Generic Database Subcommittee of the NICHD Neonatal Research Network. Placental transfusion and short-term outcomes among extremely preterm infants. *Arch Dis Child Fetal Neonatal Ed*. 2020 Jul 30;fetalneonatal-2019-318710. doi: 10.1136/archdischild-2019-318710. Online ahead of print. PMID: 32732380. PMCID: PMC7736256.
- Kuppala VS, Meinen-Derr J, Morrow AL, Schibler KR. Prolonged Initial Empirical Antibiotic Treatment is Associated with Adverse Outcomes in Premature Infants. *J Pediatr*. 2011 Nov;159(5):720-5. Epub 2011 Jul 23. PMID21784435. PMCID: PMC3193552.
- Kwon J, Guillet R, Shankaran S, Lupton AR, McDonald SA, Ehrenkranz RA, Tyson JE, O'Shea TM, Goldberg RN, Donovan EF, Fanaroff AA, Poole WK, Higgins RD, Walsh MC. Clinical Seizures in Neonatal Hypoxic-Ischemic Encephalopathy Have No Independent Impact On Neurodevelopmental Outcome: Secondary Analyses of Data from the NRN Hypothermia Trial. *J Child Neurol*. 2011 Mar;26(3):322-8. Epub 2010 Oct 4. PMID20921569. PMCID: PMC3290332.
- Lainwala S, Perritt R, Poole K, Vohr B. Neurodevelopmental and growth outcomes of extremely low birth weight infants who are transferred from neonatal intensive care units to level I or II nurseries. *Pediatrics*. 2007 May;119(5):e1079-87. Epub 2007 Apr 2. PMID17403821.

BIBLIOGRAPHY

- Lakshminrusimha S, Keszler M, Kirpalani H, Van Meurs KP, Chess P, Ambalavanan N, Yoder BA, Frage MV, Hedrick H, Lally KP, Nelin L, Cotten CM, Klein J, Guilford S, Williams A, Chaudhary A, Gantz MG, Gabrio J, Chowdhury D, Zaterka-Baxter KM, Das A, Higgins RD. Milrinone in congenital diaphragmatic hernia - a randomized pilot trial: study protocol, review of literature and survey of current practices. *Matern Health Neonatol Perinatol*. 2017 Nov 27;3:27. doi: 10.1186/s40748-017-0066-9. eCollection 2017. PMID: 29209510. PMCID: PMC5704584.
- Lakshminrusimha S, Shankaran S, Laptook A, McDonald S, Keszler M, Van Meurs K, Guillet R, Chawla S, Sood BG, Bonifacio S, Das A, Higgins RD. Pulmonary Hypertension Associated with Hypoxic-Ischemic Encephalopathy-Antecedent Characteristics and Comorbidities. *J Pediatr*. 2018 May;196:45-51.e3. doi: 10.1016/j.jpeds.2017.12.055. Epub 2018 Mar 1. PMID: 29502880. PMCID: PMC6052458.
- Laptook AR, Bell EF, Shankaran S, Boghossian NS, Wyckoff MH, Kandefor S, Walsh M, Saha S, Higgins R, Generic and Moderate Preterm Subcommittees of the NICHD Neonatal Research Network. Admission Temperature and Associated Mortality and Morbidity among Moderately and Extremely Preterm Infants. *J Pediatr*. 2018 Jan;192:53-59.e2. doi: 10.1016/j.jpeds.2017.09.021. PMID: 29246358. PMCID: PMC5808888.
- Laptook AR, Kilbride H, Shepherd E, McDonald SA, Shankaran S, Troug W, Das A, Higgins RD and Optimizing Cooling Subcommittee. Temperature Control during Therapeutic Hypothermia for Newborn Encephalopathy using Different Blanketrol Devices. *Ther Hypothermia Temp Manag*. 2014 Dec;4(4):193-200. doi: 10.1089/ther.2014.0009. PMID25285767. PMCID: PMC4267126.
- Laptook AR, McDonald SA, Shankaran S, Stephens BS, Vohr BR, Guillet R, Higgins RD, on behalf of the Extended Hypothermia Follow-up Committee of the NICHD Neonatal Research Network. Elevated temperature and 6- to 7-year outcome of neonatal encephalopathy. *Ann Neurol*. 2013 Apr;73(4):520-8. doi: 10.1002/ana.23843. Epub 2013 Apr 17. PMID23595408. PMC3720800.
- Laptook AR, O'Shea TM, Shankaran S, Bhaskar B for the NICHD Neonatal Network. Adverse developmental outcomes among extremely low birth weight infants with a normal head ultrasound: prevalence and antecedents. *Pediatrics*. 2005 Mar;115(3):673-80. PMID15741371.
- Laptook AR, Salhab W, Allen J, Saha S, Walsh M. Pulse oximetry in very low birth weight infants: can oxygen saturation be maintained in the desired range? *J Perinatol*. 2006 Jun;26(6):337-41. PMID16598294.
- Laptook AR, Salhab W, Bhaskar B. Admission temperature of low birth weight infants: predictors and associated morbidities. *Pediatrics*. 2007 Mar;119(3):e643-9. Epub 2007 Feb 12. PMID17296783.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Laptook AR, Shankaran S, Ambalavanan N, Carlo WA, McDonald SA, Higgins RD, Das A, and the Hypothermia Subcommittee of the NICHD Neonatal Research Network. Outcome of term infants using apgar scores at 10 minutes following hypoxic-ischemic encephalopathy. *Pediatrics*. 2009 Dec;124(6):1619-26. PMID19948631. PMCID: PMC2821195.
- Laptook AR, Shankaran S, Barnes P, Rollins N, Do BT, Parikh NA, Hamrick S, Hintz SR, Tyson JE, Bell EF, Ambalavanan N, Goldberg RN, Pappas A, Huitema C, Pedroza C, Chaudhary AS, Hensman AM, Das A, Wyckoff M, Khan A, Walsh MC, Watterberg KL, Faix R, Truog W, Guillet R, Sokol GM, Poindexter BB, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Limitations of Conventional Magnetic Resonance Imaging as a Predictor of Death or Disability Following Neonatal Hypoxic-Ischemic Encephalopathy in the Late Hypothermia Trial. *J Pediatr*. 2021 Mar;230:106-111.e6. doi: 10.1016/j.jpeds.2020.11.015. Epub 2020 Nov 13. PMID: 33189747; PMCID: PMC7914162.
- Laptook AR, Shankaran S, Tyson JE, Munoz B, Bell EF, Goldberg RN, Parikh NA, Ambalavanan N, Pedroza C, Pappas A, Das A, Chaudhary AS, Ehrenkranz RA, Hensman AM, Van Meurs KP, Chalak LF, Khan AM, Hamrick SEG, Sokol GM, Walsh MC, Poindexter BB, Faix RG, Watterberg KL, Frantz ID 3rd, Guillet R, Devaskar U, Truog WE, Chock VY, Wyckoff MH, McGowan EC, Carlton DP, Harmon HM, Brumbaugh JE, Cotten CM, Sánchez PJ, Hibbs AM, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial. *JAMA*. 2017 Oct 24;318(16):1550-1560. doi: 10.1001/jama.2017.14972. PMID: 29067428. PMCID: PMC5783566.
- Laptook AR, Tyson J, Shankaran S, McDonald S, Ehrenkranz R, Fanaroff A, Donovan E, Goldberg R, O'Shea TM, Higgins RD, Poole WK and the NICHD Neonatal Research Network. Elevated Temperature after Hypoxic-Ischemic Encephalopathy: A Risk Factor for Adverse Outcome. *Pediatrics*. 2008 Sep;122(3):491-9. PMID18762517. PMCID: PMC2782681.
- Laptook AR, Weydig H, Brion L, Wyckoff MH, Arnautovic TI, Younge N, Oh W, Keszler M, Das A, National Institute of Child Health and Human Development Neonatal Research Network. Antenatal Steroids, Prophylactic Indomethacin, and the Risk of Spontaneous Intestinal Perforation. *J Pediatr*. 2023 May 11;259:113457. doi: 10.1016/j.jpeds.2023.113457. Online ahead of print. PMID: 37172814; PMCID in Process.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Laptook AR; Chalak L; Pappas A; Davis A; Sanchez PJ; Van Meurs KP; Oh W; Sommers R; Shankaran S; Hensman AM; Rouse DJ; McDonald S; Das A; Goldberg RN; Ambalavanan N; Gyamfi-Bannerman C; Thom EA; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (NRN); Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. The effects of betamethasone on the amplitude integrated EEG of infants born at 34- or 35-weeks gestation. *J Perinatol.* 2022 Dec; 42(12):1615-1621. doi: 10.1038/s41372-022-01415-4. Epub 2022 May 26. PMID: 35618748; PMCID: PMC9699898.
- Lasky RE, Church MW, Orlando MS, Morris BH, Parikh NA, Tyson JE, McDavid GE, Oh W, Stevenson DK, Van Meurs KP, Guillet R, Phelps DL. The effects of aggressive vs. conservative phototherapy on the brainstem auditory evoked responses of extremely-low-birth-weight infants. *Pediatr Res.* 2012 Jan;71(1):77-84. doi: 10.1038/pr.2011.17. PMID22289854. PMCID: PMC3326602.
- Lasky RE, Parikh NA, Williams AL, Padhye NS, Shankaran S. Changes in the PQRST Intervals and Heart Rate Variability Associated with Rewarming in Two Newborns Undergoing Hypothermia Therapy. *Neonatology.* 2009;96(2):93-5 (August 2009). Epub 2009 Mar 2. PMID19252411. PMCID: PMC2957844.
- Laughon MM, Langer JC, Bose CL, Smith PB, Ambalavanan N, Kennedy KA, Stoll BJ, Buchter S, Laptook AR, Ehrenkranz RA, Cotten CM, Wilson-Costello DE, Shankaran S, Van Meurs KP, Davis AS, Gantz MG, Finer NN, Yoder BA, Faix RG, Carlo WA, Schibler KR, Newman NS, Rich W, Das A, Higgins RD, Walsh MC, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Prediction of Bronchopulmonary Dysplasia by Postnatal Age in Extremely Premature Infants. *Am J Respir Crit Care Med.* 2011 Jun 15;183(12):1715-22. Epub 2011 Mar 4. PMID21471086. PMCID: PMC3136997.
- Lee BH, Stoll BJ, McDonald SA, Higgins RD for the NICHD Neonatal Research Network. Adverse neonatal outcomes associated with antenatal dexamethasone versus antenatal betamethasone. *Pediatrics.* 2006 May;117(5):1503-10. PMID16651303.
- Lee BH, Stoll BJ, McDonald SA, Higgins RD, for the NICHD Neonatal Research Network. Neurodevelopmental Outcomes of Extremely Low Birth Weight Infants Exposed Prenatally to Dexamethasone Versus Betamethasone. *Pediatrics.* 2008 Feb;121(2):289-96. PMID18245420.
- Leitch CA, Ahlrichs J, Karn C, Denne SC. Energy expenditure and energy intake during dexamethasone therapy for chronic lung disease. *Pediatr Res.* 1999 Jul;46(1):109-13. PMID10400143.

***Eunice Kennedy Shriver* National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Lemons JA, Bauer CR, Oh W, Korones SB, Papile LA, Stoll BJ, Verter J, Temprosa M, Wright LL, Ehrenkranz RA, Fanaroff AA, Stark A, Carlo W, Tyson JE, Donovan EF, Shankaran S, Stevenson DK. Very low birth weight outcomes of the National Institute of Child Health and Human Development Neonatal Research Network, January 1995 through December 1996. *Pediatrics*. 2001 Jan;107(1):E1. PMID11134465.
- LeVan JM, Brion LP, Wrage LA, Gantz MG, Wyckoff MH, Sanchez PJ, Heyne RJ, Jaleel M, Finer NN, Carlo WA, Das A, Stoll BJ, Higgins RD. Change in Practice after the Surfactant, Positive Pressure, and Oxygenation Randomized Trial. *Arch Dis Child Fetal Neonatal Ed*. 2014 May 29. pii: fetalneonatal-2014-306057. doi: 10.1136/archdischild-2014-306057. [Epub ahead of print]. PMID24876196. PMCID: PMC4134421.
- Li L, Rysavy MA, Das A. Comments on "Intermediate and advanced topics in multilevel logistic regression analysis". *Statistics in Medicine*. 2018;37:2902–2906. PMCID in Process.
- Londhe VA, Nolen T, Higgins RD, Tyson JE, Oh W, Devaskar SU. Vitamin A Supplementation in Extremely Low-Birth-Weight Infants: Subgroup Analysis in Small-for-Gestational-Age Infants. *Am J Perinatol*. 2013 Oct;30(9):771-80. doi: 10.1055/s-0032-1333410. Epub 2013 Jan 17. PMID23329565. PMCID: PMC3923571.
- Lowe J, Bann CM, Fuller J, Vohr BR, Hintz SR, Das, A, Higgins RD, Duncan AF, Watterberg KL on behalf of the NICHD NRN. Early working memory is a significant predictor of verbal and processing skills at 6-7 years in children born extremely preterm. *Early Hum Dev*. 2020 May 23;147:105083. doi: 10.1016/j.earlhumdev.2020.105083. PMID: 32504881; PMCID in Process.
- Lowe J, Woodward B, Papile LA. Emotional regulation and its impact on development in extremely low birth weight infants. *J Dev Behav Pediatr*. 2005 Jun;26(3):209-13. PMID15956871.
- Lowe J; Fuller JF; Dempsey AG; Do B; Bann CM; Das A; Gustafson KE; Vohr BR; Hintz SR; Watterberg KL; SUPPORT NEURO School-Age Study Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Cortisol awakening response and developmental outcomes at 6-7 years in children born extremely preterm *Pediatr Res*. 2022 Jun 17. doi: 10.1038/s41390-022-02113-9. PMID: 35715492; PMCID in Process.
- Lowe JR, Duncan AF, Bann CM, Fuller J, Hintz SR, Das A, Higgins RD, Watterberg KL, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Early working memory as a racially and ethnically neutral measure of outcome in extremely preterm children at 18-22 months. *Early Hum Dev*. 2013 Dec;89(12):1055-61. doi: 10.1016/j.earlhumdev.2013.08.009. Epub 2013 Aug 29. PMID23993309. PMCID: PMC3830714.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Lowe JR, Fuller JF, Do BT, Vohr BR, Das A, Hintz SR, Watterberg KL, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health, Human Development Neonatal Research Network. Behavioral problems are associated with cognitive and language scores in toddlers born extremely preterm. *Early Hum Dev.* 2019 Jan;128:48-54. doi: 10.1016/j.earlhumdev.2018.11.007. Epub 2018 Dec 4. PMID: 30522091. PMCID: PMC6425758.
- Lowe JR, Nolen TL, Vohr BR, Adams-Chapman I, Duncan AF, Watterberg KL. Effect of primary language on developmental testing in children born extremely preterm. *Acta Paediatr.* 2013 Sep;102(9):896-900. doi: 10.1111/apa.12310. Epub 2013 Jun 19. PMID23735043. PMCID: PMC4108617 .
- Madan J, Kendrick D, Hagadorn JI, Frantz III ID for the NICHD Neonatal Research Network. Patent ductus arteriosus therapy: impact on neonatal and 18-month outcome. *Pediatrics.* 2009 Feb;123(2):674-81. PMID19171637. PMCID: PMC2752886.
- Maheshwari A, Schelonka RL, Dimmitt RA, Carlo WA, Munoz-Hernandez B, Das A, McDonald SA, Thorsen P, Skogstrand K, Hougaard DM, Higgins RD for the NICHD Neonatal Research Network. Cytokines Associated with Necrotizing Enterocolitis in Extremely Low Birth Weight Infants. *Pediatr Res.* 2014 Jul;76(1):100-8. doi: 10.1038/pr.2014.48. Epub 2014 Apr 14. PMID24732104. PMCID: PMC4062583.
- Malcolm WF, Gantz M, Martin, RJ, Goldstein RF, Goldberg RN, Cotten CM, for the NICHD Neonatal Research Network. Use of medications for gastroesophageal reflux in extremely low birth weight infants at discharge. *Pediatrics.* 2008 Jan;121(1):22-7. PMID18166553.
- Malloy MH, Onstad L, Wright E. The effect of cesarean delivery on birth outcome in very low birth weight infants. *Obstet Gynecol.* 1991 Apr;77(4):498-503. PMID2002969.
- McCain GC, Donovan EF, Gartside P. Preterm Infant Behavioral and Heart Rate Responses to Antenatal Phenobarbital. *Res Nurs Health.* 1999 Dec;22(6):461-70. PMID10625862.
- McGowan EC, Laptok AR, Lowe J, Peralta-Carcelen M, Chowdhury D, Higgins RD, Hintz SR, Vohr BR, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Developmental Outcomes of Extremely Preterm Infants with a Need for Child Protective Services Supervision. *J Pediatr.* 2019 Dec;215:41-49.e4. doi: 10.1016/j.jpeds.2019.07.063. Epub 2019 Sep 6. PMID: 31500860; PMCID: PMC6988387.
- Meinzen-Derr J, Morrow AL, Hornung RW, Donovan EF, Dietrich KN, Succop PA. Epidemiology of necrotizing enterocolitis temporal clustering in two neonatology practices. *J Pediatr.* 2009 May;154(5):656-61. Epub 2008 Dec 25. PMID19111317. PMCID: PMC2700364.

BIBLIOGRAPHY

- Meinzen-Derr J, Poindexter B, Wrage L, Morrow AL, Stoll B, Donovan EF for the NICHD Neonatal Research Network. Role of human milk in extremely low birth weight infants' risk of necrotizing enterocolitis or death. *J Perinatol*. 2009 Jan;29(1):57-62. Epub 2008 Aug 21. PMID18716628. PMCID: PMC2801431.
- Ment LR, Ådén U, Bauer CR, Bada HS, Carlo WA, Kaiser JR, Lin A, Cotten CM, Murray J, Page G, Hallman M, Lifton RP, Zhang H, Gene Targets for IVH Study Group and the Neonatal Research Network. Genes and environment in neonatal intraventricular hemorrhage. *Semin Perinatol*. 2015 Dec;39(8):592-603. doi: 10.1053/j.semperi.2015.09.006. Epub 2015 Oct 26. PMID26516117. PMCID: PMC4668116.
- Merhar SL: Tabangin ME, Meinzen-Derr J, Schibler KR. Grade and laterality of intraventricular haemorrhage to predict 18–22 month neurodevelopmental outcomes in extremely low birthweight infants. *Acta Paediatr*. 2012 Apr;101(4):414-8. doi: 10.1111/j.1651-2227.2011.02584.x. Epub 2012 Jan 16. PMID22220735. PMCID: PMC3475499.
- Messinger D, Lambert B, Bauer CR, Bann CM, Hamlin-Smith K, Das A. The Relationship Between Behavior Ratings and Concurrent and Subsequent Mental and Motor Performance in Toddlers Born at Extremely Low Birth Weight. *Journal of Early Intervention*. 2010 June;32(3):214-233. PMID20948978. PMCID: PMC2952951.
- Meyers JM, Bann CM, Stoll BJ, D'Angio CT, Bell EF, Duncan AF, Guillet R. Neurodevelopmental Outcomes in Postnatal Growth-Restricted Preterm Infants with Postnatal Head-Sparing. *J Perinatol*. 2016 Dec;36(12):1116-1121. doi: 10.1038/jp.2016.154. Epub 2016 Sep 15. PMID27629374. PMCID: PMC5130598.
- Meyers JM, Tan S, Bell EF, Duncan AF, Guillet R, Stoll BJ, D'Angio CT, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neurodevelopmental outcomes among extremely premature infants with linear growth restriction. *J Perinatol*. 2018 Oct 23. doi: 10.1038/s41372-018-0259-8. [Epub ahead of print]. PMID: 30353080. PMCID: PMC6351156.
- Mietzsch U, Parikh NA, Williams AL, Shankaran S, Lasky RE. Effects of hypoxic-ischemic encephalopathy and whole-body hypothermia on neonatal auditory function: a pilot study. *Am J Perinatol*. 2008 Aug;25(7):435-41. Epub 2008 Aug 21. PMID18720323. PMCID: PMC2586420.
- Mirza H, Oh W, Laptook AR, Vohr BR, Tucker R, Stonestreet BS. Indomethacin Prophylaxis to Prevent Intraventricular Hemorrhage: Association between Incidence and Timing of Drug Administration. *J Pediatr*. 2013 Sep;163(3):706-10.e1. doi: 10.1016/j.jpeds.2013.02.030. Epub 2013 Mar 22. PMID23522865. PMCID: PMC3939677.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Mirza H, Oh W, Vohr BR, Luptook AR, Stonestreet B, the GDB Subcommittee. Effects of indomethacin prophylaxis timing on intraventricular haemorrhage and patent ductus arteriosus in extremely low birth weight infants. *Arch Dis Child Fetal Neonatal Ed.* 2016 Sep;101(5):F418-22. doi: 10.1136/archdischild-2015-309112. Epub 2016 Jan 5. PMID26733540. PMCID: PMC4935651.
- Morris BH, Gard CC, Kennedy K. Rehospitalization of extremely low birth weight (ELBW) infants: are there racial/ethnic disparities? *J Perinatol.* 2005 Oct;25(10):656-63. PMID16107873.
- Morris BH, Oh W, Tyson JE, Stevenson DK, Phelps DL, O'Shea TM, McDavid GE, Perritt RL, Van Meurs KP, Vohr BR, Grisby C, Yao Q, Pedroza C, Das A, Poole WK, Carlo WA, Duara S, Luptook AR, Salhab WA, Shankaran S, Poindexter BB, Fanaroff AA, Walsh MC, Rasmussen MR, Stoll BJ, Cotten CM, Donovan EF, Ehrenkranz RA, Guillet R, Higgins RD, NICHD Neonatal Research Network. Aggressive vs. conservative phototherapy for infants with extremely low birth weight. *N Engl J Med.* 2008 Oct 30;359(18):1885-96. PMID18971491. PMC2821221.
- Morris BH, Tyson JE, Stevenson DK, Oh W, Phelps DL, O'Shea TM, McDavid GE, Van Meurs KP, Vohr BR, Grisby C, Yao Q, Taylor S, Wallace D, Higgins RD. Efficacy of phototherapy devices and outcomes among extremely low birth weight infants: multi-center observational study. *J Perinatol.* 2012 Apr 12. doi: 10.1038/jp.2012.39. [Epub ahead of print]. PMID22499082. PMCID: PMC3570170.
- Morriss FH Jr, Saha S, Bell EF, Colaizy TT, Stoll BJ, Hintz SR, Shankaran S, Vohr BR, Hamrick SE, Pappas A, Jones PM, Carlo WA, Luptook AR, Van Meurs KP, Sánchez PJ, Hale EC, Newman NS, Das A, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Surgery and Neurodevelopmental Outcome of Very Low Birth Weight Infants. *JAMA Pediatr.* 2014 Jun 16. doi: 10.1001/jamapediatrics.2014.307. [Epub ahead of print]. PMID24934607. PMCID: PMC4142429.
- Morrow AL, Lagomarcino AJ, Schibler KR, Taft DH, Yu Z, Wang B, Altaye M, Wagner M, Gevers D, Ward DV, Kennedy MA, Huttenhower C, Newburg DS. Early microbial and metabolomic signatures predict later onset of necrotizing enterocolitis in preterm infants. *Microbiome.* 2013 Apr 16;1(1):13. doi: 10.1186/2049-2618-1-13. PMID24450576. PMCID: PMC3971624.
- Morrow AL, Meinen-Derr J, Huang P, Schibler KR, Cahill T, Keddache M, Kallapur SG, Newburg DS, Tabangin M, Warner BB, Jiang X. Fucosyltransferase 2 non-secretor and low secretor status predicts severe outcomes in premature infants. *J Pediatr.* 2011 May;158(5):745-51. Epub 2011 Jan 22. PMID21256510. PMCID: PMC3412418.
- Mukhopadhyay S, Puopolo KM, Hansen NI, Lorch SA, DeMauro SB, Greenberg RG, Cotten CM, Sanchez PJ, Bell EF, Eichenwald EC, Stoll BJ, NICHD Neonatal Research Network. Neurodevelopmental outcomes following neonatal late-onset sepsis and blood culture-negative conditions. *Arch Dis Child Fetal Neonatal Ed.* 2021 Sep;106(5):467-473. PMID: 33478957; PMCID: PMC8292446.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Mukhopadhyay S, Puopolo KM, Hansen NI; Lorch SA; DeMauro SB, Greenberg RG; Cotten CM; Sánchez PJ; Bell EF; Eichenwald EC; Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Impact of Early-Onset Sepsis and Antibiotic Use on Death and Neurodevelopmental Impairment at 2 Years Among Extremely Preterm Infants. *J Pediatr*. 2020 Jun;221:39-46.e5. doi: 10.1016/j.jpeds.2020.02.038. PMID: 32446491; PMCID: PMC7248124.
- Natarajan G, Pappas A, Shankaran S, Kendrick DE, Das A. Outcomes of Extremely low birth weight infants with Bronchopulmonary Dysplasia (BPD): Impact of the Physiologic Definition of BPD. *Early Hum Dev*. 2012 Jul;88(7):509-15. Epub 2012 Jan 10. PMID22236557. PMCID: PMC3686277.
- Natarajan G, Pappas A, Shankaran S, Laptook AR, Walsh MC, McDonald SA, Ehrenkranz RA, Tyson JE, Goldberg RN, Bara R, Higgins RD, Das A, Munoz B. Effect of inborn vs. outborn delivery on neurodevelopmental outcomes in infants with hypoxic-ischemic encephalopathy: secondary analyses of the NICHD whole-body cooling trial. *Pediatr Res*. 2012 Oct;72(4):414-9. doi: 10.1038/pr.2012.103. Epub 2012 Jul 25. PMID22914450. PMCID: PMC3730811.
- Natarajan G, Shankaran S, Laptook AR, McDonald SA, Pappas A, Hintz SR, Das A, NICHD Neonatal Research Network (NRN) Whole Body Hypothermia Subcommittee. Association between sedation-analgesia and neurodevelopment outcomes in neonatal hypoxic-ischemic encephalopathy. *J Perinatol*. 2018 May 24. doi: 10.1038/s41372-018-0126-7. [Epub ahead of print]. PMID: 29795315. PMCID: PMC6092226.
- Natarajan G, Shankaran S, Laptook AR, Pappas A, Bann CM, for the Extended Hypothermia Subcommittee of the NICHD Neonatal Research Network. Apgar scores at 10 min and outcomes at 6-7 years following hypoxic-ischaemic encephalopathy. *Arch Dis Child Fetal Neonatal Ed*. 2013 Nov;98(6):F473-9. doi: 10.1136/archdischild-2013-303692. Epub 2013 Jul 29. PMID23896791. PMCID: PMC4166405.
- Natarajan G, Shankaran S, McDonald SA, Das A, Ehrenkranz RA, Goldberg RN, Stoll BJ, Tyson JE, Higgins RD, Schendel D, Carlo WA, for the NICHD Neonatal Research Network. Association Between Blood Spot Transforming Growth Factor- β and Patent Ductus Arteriosus in Extremely Low-Birth Weight Infants. *Pediatr Cardiol*. 2013 Jan;34(1):149-54. doi: 10.1007/s00246-012-0404-7. Epub 2012 Jun 10. PMID22684193. PMCID: PMC3704212.
- Natarajan G, Shankaran S, McDonald SA, Das A, Stoll BJ, Higgins RD, Carlo WA for the NICHD Neonatal Research Network. Circulating beta chemokine and MMP 9 as markers of oxidative injury in extremely low birth weight infants. *Pediatr Res*. 2010 Jan;67(1):77-82. PMID19755933. PMCID: PMC2831535.

BIBLIOGRAPHY

- Natarajan G, Shankaran S, Nolen TL, Sridhar A, Kennedy KA, Hintz SR, Phelps DL, DeMauro SB, Carlo WA, Gantz MG, Das A, Greenberg RG, Younge NE, Bliss JM, Seabrook R, Sánchez PJ, Wyckoff MH, Bell EF, Vohr BR, Higgins RD. Neurodevelopmental Outcomes of Preterm Infants With Retinopathy of Prematurity by Treatment. *Pediatrics*. 2019 Aug;144(2). pii: e20183537. doi: 10.1542/peds.2018-3537. Epub 2019 Jul 23. PMID: 31337693. PMCID: PMC6855825.
- Natarajan G, Shankaran S, Pappas A, Bann CM, for the Extended Hypothermia Subcommittee of the Neonatal Research Network. Functional Status (FS) at 18 months as a Predictor of Childhood Disability after Neonatal Hypoxic-Ischemic Encephalopathy (HIE). *Dev Med Child Neurol*. 2014 Nov;56(11):1052-8. doi: 10.1111/dmcn.12512. Epub 2014 Jun 24. PMID24957482. PMCID: PMC4324462.
- Natarajan G, Shankaran S, Saha S, Lupton AR, Das A, Higgins RD, Stoll BJ, Bell EF, Carlo WA, D'Angio CT, DeMauro SB, Sanchez PJ, Van Meurs KP, Vohr BR, Newman NS, Hale EC, Walsh MC, 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. PMID: 29395186. PMCID: PMC5869095.
- Navarrete CT, Wrage LA, Carlo WA, Walsh MC, Rich W, Gantz MG, Das A, Schibler K, Newman NS, Piazza AJ, Poindexter BB, Shankaran S, Sánchez PJ, Morris BH, Frantz ID 3rd, Van Meurs KP, Cotten CM, Ehrenkranz RA, Bell EF, Watterberg KL, Higgins RD, Duara S, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Growth Outcomes of Preterm Infants Exposed to Different Oxygen Saturation Target Ranges from Birth. *J Pediatr*. 2016 Sep;176:62-68.e4. doi: 10.1016/j.jpeds.2016.05.070. Epub 2016 Jun 22. PMID27344218. PMCID: PMC5327617.
- Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide and hypoxic respiratory failure in infants with congenital diaphragmatic hernia. *Pediatrics*. 1997 Jun;99(6):838-45. PMID9190553.
- Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide in full-term and nearly full-term infants with hypoxic respiratory failure. *N Engl J Med*. 1997 Feb 27;336(9):597-604. PMID9036320.
- Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide in term and near-term infants: neurodevelopmental follow-up of the neonatal inhaled nitric oxide study group (NINOS). *J Pediatr*. 2000 May;136(5):611-7. PMID10802492.

BIBLIOGRAPHY

- Newman JE, Bann CM, Vohr BR, Dusick AM, Higgins RD. Improving the Neonatal Research Network Annual Certification for Neurologic Examination of the 18-22 month Child. *J Pediatr.* 2012 Dec;161(6):1041-1046.e2. doi: 10.1016/j.jpeds.2012.05.048. Epub 2012 Jun 28. PMID22748517. PMCID: PMC3465479.
- Oh W, Carlo W, Fanaroff AA, McDonald S, Donovan EF, Poole K, Wright LL. Effects of Delayed Cord Clamping in Very Low Birth Weight Infants. *J Perinatol.* 2011 Apr;31 Suppl 1:S68-71. PMID21448208. PMCID: PMC3327157.
- Oh W, Perritt R, Shankaran S, Merritts M, Donovan EF, Ehrenkranz RA, O'Shea TM, Tyson JE, Lupton AR, Das A, Higgins RD. Association between Urinary Lactate to Creatinine Ratio and Neurodevelopmental Outcome in Full Term Infants with Hypoxic Ischemic Encephalopathy. *J Pediatr.* 2008 Sep;153(3):375-8. Epub 2008 May 9. PMID18534246. PMCID: PMC2953792.
- Oh W, Poindexter BB, Perritts R, Lemons JA, Bauer CR, Ehrenkranz RA, Papile LA, Stoll BJ, Poole WK, Wright LL. Association between fluid intake and weight loss during the first ten days of life and risk of bronchopulmonary dysplasia in extremely low birth weight infants. *J Pediatr.* 2005 Dec;147(6):786-90. PMID16356432.
- Oh W, Stevenson DK, Tyson JE, Morris BH, Ahlfors CE, Bender GJ, Wong RJ, Perritt R, Vohr BR, Van Meurs KP, Vreman HJ, Das A, Phelps DL, O'Shea TM, Higgins RD On Behalf of the NICHD Neonatal Research Network. Influence of clinical status on the association between plasma total and unbound bilirubin and death or adverse neurodevelopmental outcomes in extremely low birth weight infants. *Acta Paediatr.* 2010 May;99(5):673-8. Epub 2010 Jan 25. PMID20105142. PMCID: PMC2875328.
- Oh W, Tyson JE, Fanaroff AA, Vohr BR, Perritt R, Stoll BJ, Ehrenkranz RA, Carlo WA, Shankaran S, Poole K, Wright LL, National Institute of Child Health and Human Development Neonatal Research Network. Association between peak serum bilirubin and neurodevelopmental outcomes in extremely low birth weight infants. *Pediatrics.* 2003 Oct;112(4):773-9. PMID14523165.
- Ohls R, Ehrenkranz RA, Das A, Dusick AM, Yolton K, Romano E, Delaney-Black V, Papile A, Simon NP, Steichen JJ, Gronsman Lee K. Neurodevelopmental outcome and growth at 18 to 22 months' corrected age in extremely low birth weight infants treated with early erythropoietin and iron. *Pediatrics.* 2004 Nov;114(5):1287-91. PMID15520109.
- Ohls RK, Ehrenkranz RA, Wright LL, Lemons JA, Korones SB, Stoll BJ, Stark AR, Shankaran S, Donovan EF, Close NC, Das A, for the NICHD Neonatal Research Network. Effects of Early Erythropoietin Therapy on the Transfusion Requirements of Preterm Infants Below 1250 Grams Birth Weight: A Multicenter, Randomized, Controlled Trial. *Pediatrics.* 2001 Oct;108(4):934-42. PMID11581447.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Olsen IE, Lawson ML, Meinzen-Derr J, Sapsford AL, Schibler KR, Donovan EF, Morrow AL. Use of a body proportionality index for growth assessment of preterm infants. *J Pediatr*. 2009 Apr;154(4):486-91. Epub 2008 Nov 28. PMID19041096. PMCID: PMC2745983.
- Oren MS, Ianus V, Vohr BR, Hintz SR, Do B, Das A, Shankaran S, Higgins RD, Watterberg KL, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neonatal Oxygen Saturations and Blood Pressure at School-Age in Children Born Extremely Preterm: A Cohort Study. *J Perinatol*. 2020 Jun;40(6):902-908. doi: 10.1038/s41372-020-0619-z. Epub 2020 Feb 28. PMID: 32111975; PMCID: PMC7260090.
- Padbury JF, Do BT, Bann CM, Marsit C, Hintz SR, Vohr BR, Lowe J, Newman JE, Granger DA, Payne AH, Watterberg KL, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. DNA methylation in former extremely low birth weight newborns: association with cardiovascular and endocrine function. *Pediatr Res*. 2021 May 5. doi: 10.1038/s41390-021-01531-5. PMID: 33953357; PMCID PMC8568736.
- Papile LA, Tyson JE, Stoll BJ, Wright LL, Donovan EF, Bauer CR, Krause-Steinrauf H, Verter J, Korones SB, Lemons JA, Fanaroff AA, Stevenson DK, Oh W, Ehrenkranz RA, Shankaran S. A Multicenter Trial of Two Dexamethasone Regimens in Ventilator-Dependent Premature Infants. *N Engl J Med*. 1998 Apr 16;338(16):1112-8. PMID9545359.
- Pappas A, Adams-Chapman I, Shankaran S, McDonald SA, Stoll BJ, Laptook AR, Carlo WA, Van Meurs KP, Hintz SR, Carlson MD, Brumbaugh JE, Walsh MC, Wyckoff MH, Das A, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neurodevelopmental and behavioral outcomes of extremely premature neonates with ventriculomegaly in the absence of periventricular-intraventricular hemorrhage. *JAMA Pediatr*. 2018 Jan 1;172(1):32-42. doi: 10.1001/jamapediatrics.2017.3545. PMID: 29181530. PMCID: PMC5833521.
- Pappas A, Shankaran S, Hansen NI, Bell EF, Stoll BJ, Laptook AR, Walsh MC, Das A, Bara R, Hale EC, Newman NS, Boghossian NS, Murray JC, Cotten CM, Adams-Chapman I, Hamrick S, Higgins RD. Outcome of Extremely Preterm Infants (<1,000 g) with Congenital Heart Defects from the National Institute of Child Health and Human Development Neonatal Research Network. *Pediatr Cardiol*. 2012 Dec;33(8):1415-26. doi: 10.1007/s00246-012-0375-8. Epub 2012 May 30. PMID22644414. PMCID: PMC3687358.
- Pappas A, Shankaran S, Laptook AR, Langer JC, Bara R, Ehrenkranz RA, Goldberg RN, Das A, Higgins RD, Tyson JE, Walsh MC for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Hypocarbia and Adverse Outcome in Neonatal Hypoxic-Ischemic Encephalopathy. *J Pediatr*. 2011 May;158(5):752-758.e1. Epub 2010 Dec 10. PMID21146184. PMCID: PMC3229432.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Pappas A, Shankaran S, McDonald SA, Carlo WA, Laptook AR, Tyson JE, Das A, Skogstrand K, Hougaard DM, Higgins RD. Blood Biomarkers and 6- to 7-Year Childhood Outcomes Following Neonatal Encephalopathy. *Am J Perinatol*. 2020 Oct 10. doi: 10.1055/s-0040-1717072. Epub ahead of print. PMID: 33038899.
- Pappas A, Shankaran S, McDonald SA, Vohr BR, Hintz SR, Ehrenkranz RA, Tyson JE, Yolton K, Das A, Bara R, Hammond J, Higgins RD, Hypothermia Extended Follow-up Subcommittee of the Eunice Kennedy Shriver NICHD Neonatal Research Network. Cognitive Outcomes After Neonatal Encephalopathy. *Pediatrics*. 2015 Mar;135(3):e624-34. doi: 10.1542/peds.2014-1566. PMID25713280. PMCID: PMC4338321.
- Pappas A, Shankaran S, Stoll BJ, Kendrick DE, Bell EF, Laptook AR, Walsh MC, Das A, Higgins RD, Bara R, Hale EC, Newman NS, for the Generic Database and Follow-up Subcommittees of NICHD Neonatal Research Network. Chorioamnionitis and Early Childhood Outcomes Among Extremely Low-Gestational-Age Neonates. *JAMA Pediatr*. 2014 Feb;168(2):137-47. doi: 10.1001/jamapediatrics.2013.4248. PMID24378638. PMCID: PMC4219500.
- Parikh NA, Arnold C, Langer J, Tyson JE. Evidence-based treatment decisions for extremely preterm newborns. *Pediatrics*. 2010 Apr;125(4):813-6. Epub 2010 Mar 29. PMID20351013. PMCID: PMC3201804.
- Parikh NA, Lasky RE, Garza CN, Bonfante-Mejia E, Shankaran S, Tyson JE. Volumetric and anatomical MRI for hypoxic-ischemic encephalopathy: relationship to hypothermia therapy and neurosensory impairments. *J Perinatol*. 2009 Feb;29(2):143-9. Epub 2008 Nov 20. PMID19020525. PMCID: PMC2740332.
- Patel RM, Rysavy MA, Bell EF, Tyson JE. Survival of Infants Born at Perivable Gestational Ages. *Clin Perinatol*. 2017 Jun;44(2):287-303. doi: 10.1016/j.clp.2017.01.009. Epub 2017 Mar 22. PMID28477661. PMCID: PMC5424630.
- Patel, RM, Kandefer S, Walsh MC, Bell EF, Carlo WA, Laptook AR, Sanchez PJ, Shankaran S, Van Meurs KP, Ball MB, Hale EC, Newman NS, Das A, Higgins RD, Stoll BJ, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Cause and Timing of Mortality in Extremely Preterm Infants from 2000 to 2011. *N Engl J Med*. 2015 Jan 22;372(4):331-40. doi: 10.1056/NEJMoa1403489. PMID25607427. PMCID: PMC4349362.
- Payne AH, Hintz SR, Vohr BR, Bann CM, Wilson DE, for the Generic Database and Follow-up Subcommittees of NICHD Neonatal Research Network. Neurodevelopmental Outcomes of Extremely Low-Gestational-Age Neonates With Low-Grade Periventricular-Intraventricular Hemorrhage. *JAMA Pediatr*. 2013 May;167(5):451-9. doi: 10.1001/jamapediatrics.2013.866. PMID23460139. PMCID: PMC3953349.

BIBLIOGRAPHY

- Pedroza C, Tyson JE, Das A, Luptook AR, Shankaran S. Advantages of Bayesian monitoring methods in deciding whether and when to stop a clinical trial: an example of a neonatal cooling trial. *Trials*. 2016 Jul 22;17(1):335. doi: 10.1186/s13063-016-1480-4. PMID27450203. PMCID: PMC4957277.
- Peralta-Carcelen M, Bailey K, Rector R, Gantz M. Behavioral and Socio-Emotional Competence Problems of Extremely Low Birth Weight Children. *J Perinatol*. 2013 Nov;33(11):887-92. doi: 10.1038/jp.2013.78. Epub 2013 Jul 18. PMID23867957. PMCID: PMC4139103.
- Peralta-Carcelen M, Carlo WA, Pappas A, Vaucher Y, Yeates KO, Phillips V, Gustafson K, Payne AF, Duncan AH, Newman JE, Bann CM for the NICHD Neonatal Network. Behavioral Problems and Socioemotional Competence at 18 to 22 Months Corrected Age of children born extremely prematurely. *Pediatrics*. 2017 Jun;139(6). pii: e20161043. doi: 10.1542/peds.2016-1043. PMID28562255. PMCID: PMC5470499.
- Peralta-Carcelen M, Moses M, Adams-Chapman I, Gantz M, Vohr BR, NICHD Neonatal Research Network. Stability of neuromotor outcomes at 18 and 30 months of age after extremely low birth weight status. *Pediatrics*. 2009 May;123(5):e887-95. PMID19403482. PMCID: PMC2879971.
- Phelps DL, Ward RM, Williams RL, Nolen TL, Watterberg KL, Oh W, Goedecke M, Ehrenkranz RA, Fennell T, Poindexter BB, Cotten CM, Hallman M, Frantz ID 3rd, Faix RG, Zaterka-Baxter KM, Das A, Ball MB, Lacy CB, Walsh MC, Carlo WA, Sánchez PJ, Bell EF, Shankaran S, Carlton DP, Chess PR, Higgins RD. Safety and pharmacokinetics of multiple dose myo-inositol in preterm infants. *Pediatr Res*. 2016 Aug;80(2):209-17. doi: 10.1038/pr.2016.97. Epub 2016 Apr 13. PMID27074126. PMCID: PMC5198845.
- Phelps DL, Ward RM, Williams RL, Watterberg KL, Luptook AR, Wrage LA, Nolen TL, Fennell TR, Ehrenkranz RA, Poindexter BB, Michael Cotten C, Hallman MK, Frantz ID 3rd, Faix RG, Zaterka-Baxter KM, Das A, Bethany Ball M, Michael O'Shea T, Backstrom Lacy C, Walsh MC, Shankaran S, Sánchez PJ, Bell EF, Higgins RD. Safety and Pharmacokinetics of a Single Intravenous Dose of myo-Inositol in Preterm Infants of 23 to 29 weeks. *Pediatr Res*. 2013 Dec;74(6):721-9. doi: 10.1038/pr.2013.162. Epub 2013 Sep 4. PMID24067395. PMCID: PMC3962781.

BIBLIOGRAPHY

- Phelps DL, Watterberg KL, Nolen TL, Cole CA, Cotten CM, Oh W, Poindexter BB, Zaterka-Baxter KM, Das A, Lacy CB, Scorson AM, Walsh MC, Bell EF, Kennedy KA, Schibler K, Sokol GM, Laughon MM, Lakshminrusimha S, Truog WE, Garg M, Carlo WA, Lupton AR, Van Meurs KP, Carlton DP, Graf A, DeMauro SB, Brion LP, Shankaran S, Orge FH, Olson RJ, Mintz-Hittner H, Yang MB, Haider KM, Wallace DK, Chung M, Hug D, Tsui I, Cogen MS, Donahue JP, Gaynon M, Hutchinson AK, Bremer DL, Quinn G, He YG, Lucas WR, Jr, Winter TW, Kicklighter SD, Kumar K, Chess PR, Colaizzi TT, Hibbs AM, Ambalavanan N, Harmon HM, McGowan EC, Higgins RD Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effects of Myo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants <28 Weeks' Gestational Age: A Randomized Clinical Trial. *JAMA*. 2018 Oct 23;320(16):1649-1658. doi: 10.1001/jama.2018.14996. PMID: 30357297. PMCID: PMC6233812.
- Poindexter BB, Ehrenkranz RA, Stoll BJ, Koch MA, Wright LL, Oh W, Papile LA, Bauer CR, Carlo WA, Donovan EF, Fanaroff AA, Korones SB, Lupton AR, Shankaran S, Stevenson DK, Tyson JE, Lemons JA. Effect of parenteral glutamine supplementation on plasma amino acid concentrations in extremely low-birth-weight infants. *Am J Clin Nutr*. 2003 Mar;77(3):737-43. PMID12600870.
- Poindexter BB, Ehrenkranz RA, Stoll BJ, Wright LL, Poole WK, Oh W, Bauer CR, Papile L, Tyson JE, Carlo WA, Lupton AR, Narendran V, Stevenson DK, Fanaroff AA, Korones SB, Shankaran S, Finer NN, Lemons JA. Parenteral glutamine supplementation does not reduce the risk of mortality or late-onset sepsis in extremely low birth weight infants. *Pediatrics*. 2004 May;113(5):1209-15. PMID15121931.
- Poindexter BB, Langer JC, Dusick AM, Ehrenkranz RA. Early provision of parenteral amino acids in extremely low birth weight infants: relation to growth and neurodevelopmental outcome. *J Pediatr*. 2006 Mar;148(3):300-305. PMID16615955.
- Puopolo K, Mukhopadhyay S, Hansen NI, Cotten CM, Stoll BJ, Sanchez PJ. Identification of Extremely Premature Infants at Low Risk for Early-Onset Sepsis. *Pediatrics*. 2017 Nov;140(5). pii: e20170925. doi: 10.1542/peds.2017-0925. Epub 2017 Oct 5. PMID: 28982710. PMCID: PMC5654397.
- Puopolo KM, Mukhopadhyay S, Hansen NI, Flannery DD, Greenberg RG, Sanchez PJ, Bell EF, DeMauro SB, Wyckoff MH, Eichenwald EC, Stoll BJ, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Group B Streptococcus Infection in Extremely Preterm Neonates and Neurodevelopmental Outcomes at 2 Years. *Clin Infect Dis*. 2022 Mar 22;ciac222. doi: 10.1093/cid/ciac222. Online ahead of print. PMID: 35323895; PMCID in Process.
- Ramachandran S, Foglia E, DeMauro SB, Chawla S, Brion LP, Wyckoff MH. Perinatal management: lessons learned from the Neonatal Research Network. *Semin Perinatol*. 2022 Nov;46(7):151636. doi: 10.1016/j.semperi.2022.151636. Epub 2022 Jun 10. PMID: 35835614; PMCID in Process.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Randolph DA, Ambalavanan N, Nolen TL, Carlo WA, Peralta-Carcelen M, Das A, Higgins RD, on behalf of the Generic Database and Follow-Up Subcommittees for the NICHD Neonatal Research Network. Outcomes of extremely low birthweight infants with acidosis at birth. *Arch Dis Child Fetal Neonatal Ed.* 2014 Feb 19. doi: 10.1136/archdischild-2013-304179. [Epub ahead of print]. PMID24554564. PMCID: PMC4274605.
- Rich W, Auten KJ, Gantz M, Hale EC, Hensman AM, Newman NS, Finer NN. Antenatal consent in the SUPPORT trial: challenges, costs, and representative enrollment. *Pediatrics.* 2010 Jul;126(1):e215-21. Epub 2010 Jun 29. PMID20587676. PMCID: PMC3057215.
- Rich WD, Gantz MG, Finer NN, Newman NS, Hensman AM, Hale EC, Auten KJ, Schibler K, Faix RG, Laptook AR, Yoder BA, Das A, Shankaran S, and the SUPPORT and Generic Database Subcommittees of the NICHD Neonatal Research Network. Enrollment of Extremely Low Birth Weight Infants in a Clinical Research Study May Not Be Representative. *Pediatrics.* 2012 Mar;129(3):480-484. Epub 2012 Feb 27. PMID22371462. PMCID: PMC3289530.
- Rysavy M, Colaizy TT: Bann, CM, DeMauro SB, Duncan AF, Brumbaugh JE, Peralta-Carcelen M, Harmon H, Johnson KJ, Hintz SR, Vohr BR, Bell EF. The Relationship of Neurodevelopmental Impairment to Concurrent Early Childhood Outcomes of Extremely Preterm Infants. *J Perinatol.* 2021 Mar 23;1-9. doi: 10.1038/s41372-021-00999-7. Online ahead of print. PMID: 33758389; PMCID: PMC7985590.
- Rysavy MA, Eggleston B, Dahabreh I, Tyson JE, Patel RM, Watterberg KL, Greenberg RG, Pedroza C, Trotta M, Stevenson DK, Stoll BJ, Lally KP, Das A, Blakely ML; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Generalizability of the Necrotizing Enterocolitis Surgery Trial (NEST) to the Target Population of Eligible Infants. *J Pediatr.* 2023 May 9;113453. doi: 10.1016/j.jpeds.2023.113453. Online ahead of print. PMID: 37169336; PMCID in Process.
- Rysavy MA, Horbar JD, Bell EF, Li L, Greenberg LT, Tyson JE, Patel RM, Carlo WA, Younge N, Green CE, Edwards EM, Hintz SR, Walsh MC, Buzas JS, Das A, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Assessment of an Updated Neonatal Research Network Extremely Preterm Birth Outcome Model in the Vermont Oxford Network. *JAMA Pediatr.* 2020 Mar 2:e196294. doi: 10.1001/jamapediatrics.2019.6294. [Epub ahead of print]. PMID: 32119065; PMCID: PMC7052789.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Rysavy MA, Horbar JD, Bell EF, Li L, Greenberg LT, Tyson JE, Patel RM, Carlo WA, Younge NE, Green CE, Edwards EM, Hintz SR, Walsh MC, Buzas JS, Das A, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network and Vermont Oxford Network. Assessment of an Updated Neonatal Research Network Extremely Preterm Birth Outcome Model in the Vermont Oxford Network. *JAMA Pediatr.* 2020 May 1;174(5):e196294. doi: 10.1001/jamapediatrics.2019.6294. Epub 2020 May 4. PMID: 32119065; PMCID: PMC7052789.
- Rysavy MA, Li L, Bell EF, Hintz SR, Vohr BR, Alleman BW, and other members of the GDB and Follow-Up Subcommittees. Between-hospital variation in treatment and outcomes in extremely preterm infants. *N Engl J Med.* 2015 May 7;372(19):1801-11. doi: 10.1056/NEJMoa1410689. PMID:25946279. PMCID: PMC4465092.
- Rysavy MA, Li L, Tyson JE, Jensen EA, Das A, Ambalavanan N, Laughon MM, Greenberg RG, Patel RM, Pedroza C, Bell EF, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Should Vitamin A Injections to Prevent Bronchopulmonary Dysplasia or Death Be Reserved for High-Risk Infants?: Reanalysis of the NICHD Neonatal Research Network Randomized Trial. *J Pediatr.* 2021 Sep;236:78-85.e5. doi: 10.1016/j.jpeds.2021.05.022. Epub 2021 May 15. PMID: 34004189; PMCID: PMC8403138.
- Salas AA, Carlo WA, Ambalavanan N, Nolen TL, Stoll BJ, Das A, Higgins RD. Gestational age and birthweight for risk assessment of neurodevelopmental impairment or death in extremely preterm infants. *Arch Dis Child Fetal Neonatal Ed.* 2016 Feb 19. pii: fetalneonatal-2015-309670. doi: 10.1136/archdischild-2015-309670. [Epub ahead of print]. PMID:26895876. PMCID: PMC4991950.
- Salas AA, Carlo WA; Do BT; Bell EF; Das A; Van Meurs KP; Poindexter BB; Shankaran S; Younge N; Watterberg KL; Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Growth Rates of Infants Randomized to Continuous Positive Airway Pressure or Intubation After Extremely Preterm Birth. *J Pediatr.* 2021 Oct;237:148-153.e3. doi: 10.1016/j.jpeds.2021.06.026. Epub 2021 Jun 19. PMID: 34157349; PMCID: PMC8478787.
- Sant'anna G, Laptook AR, Shankaran S, Bara R, McDonald SA, Higgins RD, Tyson JE, Ehrenkranz RA, Das A, Goldberg RN, Walsh MC. Phenobarbital and Temperature Profile During Hypothermia for Hypoxic-Ischemic Encephalopathy. *J Child Neurol.* 2012 Apr;27(4):451-457. Epub 2011 Sep 29. PMID:21960671. PMCID: PMC3530920.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Sarkar S, Shankaran S, Barks J, Do BT, Lupton AR, Das A, Ambalavanan N, Van Meurs KP, Bell EF, Sanchez PJ, Hintz SR, Wyckoff MH, Stoll BJ, Carlo WA, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Outcome of Preterm Infants with Transient Cystic Periventricular Leukomalacia on Serial Cranial Imaging Up to Term Equivalent Age. *J Pediatr*. 2018 Apr;195:59-65.e3. doi: 10.1016/j.jpeds.2017.12.010. Epub 2018 Feb 2. PMID: 29398046. PMCID: PMC6407628 .
- Sarkar S, Shankaran S, Lupton AR, Sood BG, Do B, Stoll BJ, Van Meurs KP, Bell EF, Das A, Barks J, Generic Database Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Screening Cranial Imaging at Multiple Time Points Improves Cystic Periventricular Leukomalacia Detection. *Am J Perinatol*. 2015 Aug;32(10):973-9. doi: 10.1055/s-0035-1545666. Epub 2015 Mar 2. PMID25730135. PMCID: PMC4697863.
- Schelonka RL, Maheshwari A, Carlo WA, Taylor S, Hansen NI, Schendel DE, Thorsen P, Skogstrand K, Hougaard DM, Higgins RD, for the NICHD Neonatal Research Network. T cell cytokines and the risk of blood stream infection in extremely low birth weight infants. *Cytokine*. 2011 Feb;53(2):249-255. Epub 2010 Dec 9. PMID21145756. PMCID: PMC3042892.
- Schimpf KJ, Meek CC, Schmitz DJ, Leff RD, Cordle C, Phelps DL. Quantification of myo-inositol, 1,5-anhydro- D-sorbitol, and D-chiro-inositol using high-performance liquid chromatography with electrochemical detection in very small volume clinical samples. *Biomed Chromatogr*. 2015 Nov;29(11):1629-36. doi: 10.1002/bmc.3470. Epub 2015 May 26. PMID26010453. PMCID: PMC4604022.
- Schmidt B, Asztalos EV, Roberts RS, Robertson CMT, Sauve RS, Whitfield MF. Impact of bronchopulmonary dysplasia, brain injury, and severe retinopathy on the outcome of extremely low-birth-weight infants at 18 months - Results from the trial of indomethacin prophylaxis in preterms. *JAMA*. 2003 Mar;289(9):1124-1129. PMID12622582.
- Schmidt B, Davis P, Moddemann D, Ohlsson A, Roberts RS, Saigal S, Solimano A, Vincer M, Wright LL, Trial of Indomethacin Prophylaxis in Preterms Investigators. Long-term effects of indomethacin prophylaxis in extremely-low-birth-weight infants. *N Engl J Med*. 2001 Jun 28;344(26):1966-72. PMID11430325.
- Schmidt B, Roberts RS, Fanaroff A, Davis P, Kirpalani HM, Nwaesei C, Vincer M, TIPP Investigators. Indomethacin prophylaxis, patent ductus arteriosus, and the risk of bronchopulmonary dysplasia: further analyses from the Trial of Indomethacin Prophylaxis in Preterms (TIPP). *J Pediatr*. 2006 Jun;148(6):730-734. PMID16769377.

BIBLIOGRAPHY

- Schmidt B, Seshia M, Shankaran S, Mildenhall L, Tyson J, Lui K, Fok T, Roberts R, for the Trial of Indomethacin Prophylaxis in Preterms Investigators. Effects of Prophylactic Indomethacin in Extremely Low-Birth-Weight Infants With and Without Adequate Exposure to Antenatal Corticosteroids. *Arch Pediatr Adolesc Med.* 2011 Jul;165(7):642-646. PMID21727276. PMCID: PMC3397141.
- Sewell EK; Shankaran S; Natarajan G; Lupton AR; Das A; McDonald SA; Hamrick SG; Baack M; Rysavy M; Higgins RD; Chalak L; Patel RM. Evaluation of heterogeneity in effect of therapeutic hypothermia by sex among infants with neonatal encephalopathy. *Pediatr Res.* 2023 Apr 3. doi: 10.1038/s41390-023-02586-2. Online ahead of print. PMID: 37012412.
- Shah TA, Meinzen-Derr J, Gratton T, Steichen J, Donovan EF, Yolton K, Alexander B, Narendran V, Schibler KR. Hospital and neurodevelopmental outcomes of extremely low-birth-weight infants with necrotizing enterocolitis and spontaneous intestinal perforation. *J Perinatol.* 2012 Jul;32(7):552-8. doi: 10.1038/jp.2011.176. Epub 2011 Dec 8. PMID22157625. PMCID: PMC3496418.
- Shane AL, Hansen NI, Moallem M, Wyckoff MH, Sánchez PJ, Stoll BJ, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Surgery-Associated Infections among Infants Born Extremely Preterm. *J Pediatr.* 2021 Aug 27;S0022-3476(21)00849-0. doi: 10.1016/j.jpeds.2021.08.064. Online ahead of print. PMID34461060; PMCID: PMC8712381.
- Shane AL, Hansen NI, Stoll BJ, Bell EF, Sánchez PJ, Shankaran S, Lupton AR, Das A, Walsh MC, Hale EC, Newman NS, Schrag SJ, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Methicillin-Resistant and Susceptible *Staphylococcus aureus* Bacteremia and Meningitis in Preterm Infants. *Pediatrics.* 2012 Apr;129(4):e914-e922. Epub 2012 Mar 12. PMID22412036. PMCID: PMC3313632.
- Shankaran S, Bajaj M, Natarajan G, Saha S, Pappas A, Davis AS, Hintz SR, Adams-Chapman I, Das A, Bell EF, Stoll BJ, Walsh MC, Lupton AR, Carlo WA, Van Meurs KP, Sanchez P, Ball MB, Hale EC, Seabrook R, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Outcomes Following Post-Hemorrhagic Ventricular Dilatation among Infants of Extremely Low Gestational Age. *J Pediatr.* 2020 Jul 30;S0022-3476(20)30979-3. doi: 10.1016/j.jpeds.2020.07.080. Online ahead of print. PMID: 32739261; PMCID: PMC7855243.
- Shankaran S, Barnes PD, Hintz SR, Lupton AR, Higgins RD, McDonald SA, Zarterka-Baxter KM, Das A. Brain injury following trial of hypothermia for neonatal hypoxic-ischaemic encephalopathy. *Arch Dis Child Fetal Neonatal Ed.* 2012 Nov;97(6):F398-404. doi: 10.1136/archdischild-2011-301524. PMID23080477. PMC3722585.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Shankaran S, Bauer CR, Bain R, Wright LL, Zachary J for the NICHD Neonatal Research Network. Prenatal and perinatal risk and protective factors for neonatal intracranial hemorrhage. *Arch Pediatr Adolesc Med.* 1996 May;150(5):491-7. PMID8620230.
- Shankaran S, Bauer CR, Bain R, Wright LL, Zachary J for the NICHD Neonatal Research Network. Relationship between antenatal steroid administration and grades III and IV intracranial hemorrhage in low birth weight infants. *Am J Obstet Gynecol* 1995;173:305-312. PMID7631710.
- Shankaran S, Bell EF, Lupton AR, Saha S, Newman NS, Kazzi SNJ, Barks J, Stoll BJ, Bara R, Gabrio J, Childs K, Das A, Higgins RD, Carlo WA, Sánchez PJ, Carlton DP, Pavageau L, Malcolm WF, D'Angio CT, Ohls RK, Poindexter BB, Sokol GM, Van Meurs KP, Colaizy TT, Khmour A, Puopolo KM, Garg M, Walsh MC, Eunice Kennedy Shriver National Institute of Child Health, and Human Development Neonatal Research Network. Weaning of Moderately Preterm Infants from the Incubator to the Crib: A Randomized Clinical Trial. *J Pediatr.* 2019 Jan;204:96-102.e4. doi: 10.1016/j.jpeds.2018.08.079. Epub 2018 Oct 15. PMID: 30337189. PMCID: PMC6326364.
- Shankaran S, Fanaroff AA, Wright LL, Stevenson DK, Donovan EF, Ehrenkranz RA, Langer JC, Korones SB, Stoll BJ, Tyson JE, Bauer CR, Lemons JA, Oh W, Papile LA. Risk factors for early death among extremely low-birth-weight infants. *Am J Obstet Gynecol.* 2002 Apr;186(4):796-802. PMID11967510.
- Shankaran S, Johnson Y, Langer JC, Vohr BR, Fanaroff AA, Wright LL, Poole WK. Outcome of Extremely Low Birth Weight Infants at Highest Risk: Gestational Age ≤ 24 Weeks, Birth Weight ≤ 750 g and 1 Minute Apgar ≤ 3 . *Am J Obstet Gynecol.* 2004 Oct;191(4):1084-91. PMID15507925.
- Shankaran S, Langer JC, Kazzi SN, Lupton AR, Walsh M. Cumulative index of exposure to hypocarbia and hyperoxia as risk factors for periventricular leukomalacia in low birth weight infants. *Pediatrics.* 2006 Oct;118(4):1654-9. PMID17015558.
- Shankaran S, Lupton A. Challenge of conducting trials of neuroprotection in the asphyxiated term infant. *Semin Perinatol.* 2003 Aug;27(4):320-32. PMID14510323.
- Shankaran S, Lupton AR, Ehrenkranz RA, Tyson JE, McDonald SA, Donovan EF, Fanaroff AA, Poole WK, Wright LL, Higgins RD, Finer NN, Carlo WA, Duara S, Oh W, Cotten CM, Stevenson DK, Stoll BJ, Lemons JA, Guillet R, Jobe AH, NICHD Neonatal Research Network. Whole-body hypothermia for neonates with hypoxic-ischemic encephalopathy. *N Engl J Med.* 2005 Oct 13;353(15):1574-84. PMID16221780.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Shankaran S, Laptook AR, McDonald SA, Higgins RD, Tyson JE, Ehrenkranz RA, Das A, Sant'Anna G, Goldberg RN, Walsh MC for the NICHD Neonatal Research Network. Temperature Profile of Neonates Undergoing Whole Body Hypothermia for Hypoxic-Ischemic Encephalopathy (HIE). *Pediatr Crit Care Med*. 2011 Apr 14. [Epub ahead of print]. PMID21499182. PMCID: PMC3161166.
- Shankaran S, Laptook AR, McDonald SA, Hintz SR, Barnes P, Das A, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health, and Human Development Neonatal Research Network. Acute Perinatal Sentinel Events, Neonatal Brain Injury Pattern and Outcome of Infants Undergoing a Trial of Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. *J Pediatr*. 2017 Jan;180:275-278.e2. doi: 10.1016/j.jpeds.2016.09.026. Epub 2016 Oct 21. PMID27776752. PMCID: PMC5183477.
- Shankaran S, Laptook AR, Pappas A, McDonald SA, Das A, Tyson JE, Poindexter BB, Schibler K, Bell EF, Heyne RJ, Pedroza C, Bara R, Van Meurs K,, Huitema CMP, Grisby C, Devaskar U, Ehrenkranz RA, Harmon HM, Chalak LF, DeMauro SB, Garg M, Hartley-McAndrew ME, Khan AM, Walsh MC, Ambalavanan N, Brumbaugh JE, Watterberg KL, Shepherd EG, Hamrick SEG, Barks J, Cotten CM, Kilbride HW, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effect of Depth and Duration of Cooling on Death or Disability at Age 18 Months Among Neonates With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial. *JAMA*. 2017 Jul 4;318(1):57-67. doi: 10.1001/jama.2017.7218. PMID: 28672318. PMCID: PMC5793705.
- Shankaran S, Laptook AR, Pappas A, McDonald SA, Das A, Tyson JE, Poindexter BB, Schibler K, Bell EF, Heyne RJ, Pedroza C, Bara R, Van Meurs KP, Grisby C, Huitema CM, Garg M, Ehrenkranz RA, Shepherd EG, Chalak LF, Hamrick SE, Khan AM, Reynolds AM, Laughon MM, Truog WE, Dysart KC, Carlo WA, Walsh MC, Watterberg KL, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effect of depth and duration of cooling on deaths in the NICU among neonates with hypoxic ischemic encephalopathy: a randomized clinical trial. *JAMA*. 2014 Dec 24-31;312(24):2629-39. doi: 10.1001/jama.2014.16058. PMID25536254. PMCID: PMC4335311.
- Shankaran S, Laptook AR, Tyson J, Ehrenkranz RA, Bann C, Das A, Higgins RD, and NICHD Neonatal Research Network. Evolution of Encephalopathy with Whole Body Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy (HIE). *J Pediatr*. 2012 Apr;160(4):567-572.e3. Epub 2011 Nov 1. PMID22050871. PMCID: PMC329986.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Shankaran S, Laptook AR, Wright LL, Ehrenkranz RA, Donovan EF, Fanaroff AA, Stark AR, Tyson JE, Poole WK, Carlo WA, Lemons JA, Oh W, Stoll BJ, Papile LA, Bauer C, Stevenson DK, Korones SB, McDonald S. Whole body hypothermia for hypoxic-ischemic encephalopathy: Animal observations as a basis for a randomized controlled pilot study in term infants. *Pediatrics*. 2002 Aug;110(2 Pt 1):377-85. PMID12165594.
- Shankaran S, McDonald SA, Laptook AR, Hintz SR, Barnes PD, Das A, Pappas A, Higgins RD, for the NICHD Neonatal Research Network (NRN). Neonatal Magnetic Resonance Imaging Pattern of Brain Injury as a Biomarker of Childhood Outcomes following a Trial of Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. *J Pediatr*. 2015 Sep 16. pii: S0022-3476(15)00869-0. doi: 10.1016/j.jpeds.2015.08.013. [Epub ahead of print]. PMID26387012. PMCID: PMC4700815.
- Shankaran S, Natarajan G, Chalak L, Pappas A, McDonald SA, Laptook AR. Hypothermia for neonatal hypoxic-ischemic encephalopathy: NICHD Neonatal Research Network contribution to the field. *Semin Perinatol*. 2016 Oct;40(6):385-390. doi: 10.1053/j.semperi.2016.05.009. Epub 2016 Jun 23. PMID27345952. PMCID: PMC5065734.
- Shankaran S, Papile LA, Wright LL, Ehrenkranz RA, Mele L, Lemons JA, Korones SB, Stevenson DK, Donovan EF, Stoll BJ, Fanaroff AA, Oh W, Verter J. Neurodevelopmental outcome of premature infants after antenatal phenobarbital exposure. *Am J Obstet Gynecol*. 2002 Jul;187(1):171-7. PMID12114906.
- Shankaran S, Papile LA, Wright LL, Ehrenkranz RA, Mele L, Lemons JA, Korones SB, Stevenson DK, Donovan EF, Stoll BJ, Fanaroff AA, Oh W. The effect of antenatal phenobarbital therapy on neonatal intracranial hemorrhage in preterm infants. *N Engl J Med*. 1997 Aug 14;337(7):466-71. PMID9250849.
- Shankaran S, Pappas A, Laptook AR, McDonald SA, Ehrenkranz RA, Tyson JE, Walsh MC, Goldberg RN, Higgins RD, Das A, for the NICHD Neonatal Research Network. Outcomes of safety and effectiveness in a multicenter randomized, controlled trial of whole-body hypothermia for neonatal hypoxic-ischemic encephalopathy. *Pediatrics*. 2008 Oct;122(4):e791-8. PMID18829776. PMCID: PMC2819143.
- Shankaran S, Pappas A, McDonald SA, Laptook AR, Bara R, Ehrenkranz RA, Tyson JE, Goldberg RN, Donovan EF, Fanaroff AA, Das A, Poole WK, Walsh MC, Higgins RD, Welsh C, Salhab WA, Carlo WA, Poindexter BB, Stoll BJ, Guillet R, Finer NN, Stevenson DK, Bauer CR, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Predictive Value of an Early Amplitude Integrated Electroencephalogram and Neurologic Examination. *Pediatrics*. 2011 Jul;128(1):e112-e120. Epub 2011 Jun 13. PMID21669899. PMCID: PMC3124102.

BIBLIOGRAPHY

- Shankaran S, Pappas A, McDonald SA, Vohr BR, Hintz SR, Yolton K, Gustafson KE, Leach TM, Green C, Bara R, Petrie Huitema CM, Ehrenkranz RA, Tyson JE, Das A, Hammond J, Peralta-Carcelen M, Evans PW, Heyne RJ, Wilson-Costello DE, Vaucher YE, Bauer CR, Dusick AM, Adams-Chapman I, Goldstein RF, Guillet R, Papile L-A, Higgins RD. Childhood outcomes after hypothermia for neonatal encephalopathy. *N Engl J Med*. 2012 May 31;366(22):2085-92. PMID22646631. PMCID: PMC3459579.
- Shankaran S. Neonatal encephalopathy: treatment with hypothermia. *J Neurotrauma*. 2009 Mar;26(3):437-43. PMID19281415. PMCID: PMC2828322.
- Shukla V, Rysavy MA, Das A, Tyson JE, Bell EF, Ambalavanan N, Carlo WA. Outcome prediction in newborn infants: past, present, and future. *Semin Perinatol*. 2022 Nov;46(7):151641. doi: 10.1016/j.semperi.2022.151641. Epub 2022 Jun 10. PMID: 35850743; PMCID in Process.
- Shukla VV, Bann CM, Ramani M, Ambalavanan N, Peralta-Carcelen M, Hintz SR, Higgins RD, Natarajan G, Laptok R, Shankaran S, Carlo WA. Predictive Ability of 10-Minute Apgar Scores for Mortality and Neurodevelopmental Disability. *Pediatrics*. 2022 Apr 1;149(4):e2021054992. doi: 10.1542/peds.2021-054992. PMID: 35296895. PMCID in Process.
- Singh R, Visintainer PF, Frantz ID III, Shah BL, Meyer KM, Favila SA, Thomas MS, Kent DM. Association of necrotizing enterocolitis with anemia and packed red blood cell transfusions in preterm infants. *J Perinatol*. 2011 Mar;31(3):176-82. Epub 2011 Jan 27. PMID21273983. PMCID: PMC3234132.
- Smith PB, Ambalavanan N, Li L, Cotten CM, Laughon MM, Walsh MC, Das A, Bell EF, Carlo WA, Stoll BJ, Shankaran S, Laptok AR, Higgins RD, Goldberg RN, on behalf of the GDB Subcommittee for the NICHD Neonatal Research Network. Approach to Infants Born at 22 to 24 Weeks' Gestation: Relationship to Outcomes of More-Mature Infants. *Pediatrics*. 2012 Jun;129(6):e1508-e1516. Epub 2012 May 28. PMID22641761. PMCID: PMC3362905.
- Sokol GM, Ehrenkranz RA. Inhaled nitric oxide therapy in neonatal hypoxic respiratory failure: insights beyond primary outcomes. *Semin Perinatol*. 2003 Aug;27(4):311-9. PMID14510322.
- Sokol GM, Fineberg NS, Wright LL, Ehrenkranz RA. Changes in arterial oxygen tension when weaning neonates from inhaled nitric oxide. *Pediatr Pulmonol*. 2001 Jul;32(1):14-9. PMID11416871.
- Sokol GM, Konduri GG, Van Meurs KP. Inhaled nitric oxide therapy for pulmonary disorders of the term and preterm infant. *Semin Perinatol*. 2016 Oct;40(6):356-369. doi: 10.1053/j.semperi.2016.05.007. PMID27480246. PMCID: PMC5065760.
- Sokol GM, Van Meurs KP, Wright LL, Rivera O, Thorn WJ, Chu PM, Sams RL. Nitrogen dioxide formation during inhaled nitric oxide therapy. *Clin Chem*. 1999 Mar;45(3):382-7. PMID10053039.

BIBLIOGRAPHY

- Sood B, Madan A, Saha S, Shankaran S, Carlo WA. Perinatal Systemic Inflammatory Response Syndrome and Retinopathy of Prematurity. *Pediatr Res*. 2010 Apr;67(4):394-400. PMID20032809. PMCID: PMC2873779.
- Sood BG, Keszler M, Garg M, Klein JM, Ohls R, Ambalavanan N, Cotten CM, Malian M, Sanchez PJ, Lakshminrusimha S, Nelin LD, Van Meurs KP, Bara R, Saha S, Das A, Wallace D, Higgins RD, Shankaran S. Inhaled PGE1 in neonates with hypoxemic respiratory failure: two pilot feasibility randomized clinical trials. *Trials*. 2014 Dec 12;15:486. doi: 10.1186/1745-6215-15-486. PMID25496504. PMCID: PMC4414424.
- Sood BG, Shankaran S, Schelonka RL, Saha S, Benjamin Dk Jr., Sanchez PJ, Adams-Chapman I, Stoll BJ, Schendel S, Thorsen PS, Skogstrand K, Hougaard D, Das A, Higgins RD, Carlo WA. Cytokine Profiles of Preterm Neonates with Fungal and Bacterial Sepsis. *Pediatr Res*. 2012 Aug;72(2):212-20. PMID22562288. PMCID: PMC3629907.
- Srinivasan L, Page G, Kirpalani H, Murray JC, Cotten CM. Genome-wide association study of sepsis in extremely premature infants. *Arch Dis Child Fetal Neonatal Ed*. 2017 Sep;102(5):F439-F445. doi: 10.1136/archdischild-2016-311545. Epub 2017 Mar 10. PMID28283553. PMCID: PMC5563277 .
- St John EB, Carlo WA. Respiratory distress syndrome in VLBW infants: changes in management and outcomes observed by the NICHD Neonatal Research Network. *Semin Perinatol*. 2003 Aug;27(4):288-92. PMID14510319.
- Stark AR, Carlo WA, Tyson JE, Papile L-A, Wright LL, Shankaran S, Donovan EF, Oh W, Bauer CR, Saha S, Poole WK, Stoll BJ, Fanaroff AA, Ehrenkranz RA, Korones SB, Stevenson DK, for the NICHD Neonatal Research Network. Adverse effects of early dexamethasone in extremely-low-birth-weight infants. *National Institute of Child Health and Human Development Neonatal Research Network*. *N Engl J Med*. 2001 Jan 11;344(2):95-101. PMID11150359.
- Stark AR, Carlo WA, Vohr BR, Papile L-A, Bauer CR, Donovan E, Oh W, Shankaran S, Tyson JE, Wright LL, Saha S, Poole WK, Stoll BJ, Fanaroff AA, Korones SB, Ehrenkranz RA, Stevenson DK. Death or Neurodevelopmental Impairment At 18 To 22 Months In a Randomized Trial Of Early Dexamethasone To Prevent Death Or Chronic Lung Disease In Extremely Low Birth Weight Infants. *J Pediatr*. 2014 Jan;164(1):34-39.e2. doi: 10.1016/j.jpeds.2013.07.027. Epub 2013 Aug 27. PMID23992673. PMCID: PMC4120744.
- Stark AR, Tyson JE, Hibberd PL. Variation among institutional review boards in evaluating the design of a multicenter randomized trial. *J Perinatol*. 2010 Mar;30(3):163-9. Epub 2009 Oct 1. PMID19798046. PMCID: PMC2924664.

BIBLIOGRAPHY

- Stephens BE, Bann CM, Poole WK, Vohr BR for the NICHD Neonatal Research Network. Neurodevelopmental impairment: Predictors of its impact on the families of extremely low birth weight infants at 18 months. *Infant Mental Hlth J.* 2008 Nov-Dec; 29(6): 570-587. PMID19779585. PMCID: PMC2749276.
- Stephens BE, Bann CM, Watson VE, Sheinkopf SJ, Peralta-Carcelen M, Bodnar A, Yolton K, Goldstein RF, Dusick AM, Wilson-Costello DE, Acarregui MJ, Pappas A, Adams-Chapman I, McGowan EC, Heyne RJ, Hintz SR, Ehrenkranz RE, Fuller J, Vaucher YE, Das A, Higgins RD, Vohr BR. Screening for Autism Spectrum Disorders in Extremely Preterm Infants. *J Dev Behav Pediatr.* 2012 Sep;33(7):535-541. PMID22926660. PMCID: PMC3434239.
- Stevens TP, Finer NN, Carlo WA, Szilagyi PG, Walsh MC, Gantz MG, Laptook AR, Yoder BA, Faix RG, Newman JE, Das A, Do BT, Schibler K, Rich W, Newman NS, Ehrenkranz RA, Peralta-Carcelen M, Vohr BR, Wilson-Costello DE, Yolton K, Heyne RJ, Dusick AM, Evans PW, Vaucher YE, Adams-Chapman I, McGowan EC, Bodnar A, Pappas A, Hintz SR, Acarregui MJ, Fuller J, Goldstein RF, Bauer CR, O'Shea TM, Myers GJ, Higgins RD. Respiratory Outcomes of the Surfactant Positive Pressure and Oximetry Randomized Trial (SUPPORT). *J Pediatr.* 2014 Aug;165(2):240-249.e4. doi: 10.1016/j.jpeds.2014.02.054. Epub 2014 Apr 13. PMID24725582. PMCID: PMC4111960.
- Stevenson D, Verter J, Fanaroff AA, Oh W, Ehrenkranz RA, Shankaran S, Donovan E, Wright LL, Lemons JA, Tyson JE, Korones S, Bauer CR, Stoll BJ, Papile LA. Sex differences in outcomes of very low birthweight infants: the newborn male disadvantage. *Arch Dis Child Fetal Neonatal Ed.* 2000 Nov;83(3):F182-5. PMID11040165. PMCID: PMC1721180.
- Stevenson DK, Vreman HJ, Oh W, Fanaroff AA, Wright LL, Lemons JA, Verter J, Shankaran S, Tyson JE, Korones SB, Bauer CR, Stoll BJ, Papile LA, Okah F, Ehrenkranz RA for the NICHD Neonatal Research Network. Bilirubin production in healthy term infants as measured by carbon monoxide in breath. *Clin Chem.* 1994 Oct;40(10):1934-9. PMID7923775.
- Stevenson DK, Wright LL, Lemons JA, Oh W, Korones SB, Papile LA, Bauer CR, Stoll BJ, Tyson JE, Shankaran S, Fanaroff AA, Donovan EF, Ehrenkranz RA, Verter J. Very-low-birth-weight outcomes of the NICHD Neonatal Research Network, January 1993 through December 1994. *Am J Obstet Gynecol.* 1998 Dec;179(6 Pt 1):1632-9. PMID9855609.
- Stoll BJ, Gordon T, Korones SB, Shankaran S, Tyson JE, Bauer CR, Fanaroff AA, Lemons JA, Donovan EF, Oh W, Stevenson DK, Ehrenkranz RA, Papile LA, Verter J, Wright LL. Early-onset sepsis in very low birthweight neonates: A report from the NICHD Neonatal Research Network. *J Pediatr.* 1996 Jul;129(1):72-80. PMID8757565.

***Eunice Kennedy Shriver* National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Stoll BJ, Gordon T, Korones SB, Shankaran S, Tyson JE, Bauer CR, Fanaroff AA, Lemons JA, Donovan EF, Oh W, Stevenson DK, Ehrenkranz RA, Papile LA, Verter J, Wright LL. Late-onset sepsis in very low birthweight neonates: A report from the NICHD Neonatal Research Network. *J Pediatr*. 1996 Jul;129(1):63-71. PMID8757564.
- Stoll BJ, Hansen N, Fanaroff AA, Lemons JA. *Enterobacter Sakazakii* is a Rare Cause of Neonatal Sepsis/Meningitis in VLBW Infants. *J Pediatr*. 2004 Jun;144(6):821-3. PMID15192634.
- Stoll BJ, Hansen N, Fanaroff AA, Wright LL, Carlo WA, Ehrenkranz RA, Lemons JA, Donovan EF, Stark AR, Tyson JE, Oh W, Bauer CR, Korones SB, Shankaran S, Laptook AR, Stevenson DK, Papile L, Poole WK. To tap or not to tap: high likelihood of meningitis without sepsis among very low birth weight infants. *Pediatrics*. 2004 May;113(5):1181-6. PMID15121927.
- Stoll BJ, Hansen N, Fanaroff AA, Wright LL, Carlo WA, Ehrenkranz RA, Lemons JA, Donovan EF, Stark AR, Tyson JE, Oh W, Bauer CR, Korones SB, Shankaran S, Laptook AR, Stevenson DK, Papile LA, Poole WK. Changes in pathogens causing early-onset sepsis in very-low-birth-weight infants. *N Engl J Med*. 2002 Jul 25;347(4):240-7. PMID12140299.
- Stoll BJ, Hansen N, Fanaroff AA, Wright LL, Carlo WA, Ehrenkranz RA, Lemons JA, Donovan EF, Stark AR, Tyson JE, Oh W, Bauer CR, Korones SB, Shankaran S, Laptook AR, Stevenson DK, Papile LA, Poole WK. Late-Onset sepsis in VLBW neonates: The experience of the NICHD Neonatal Research Network. *Pediatrics*. 2002 Aug;110(2 Pt 1):285-91. PMID12165580.
- Stoll BJ, Hansen N. Infections in VLBW infants: studies from the NICHD Neonatal Research Network. *Semin Perinatol*. 2003 Aug;27(4):293-301. PMID14510320.
- Stoll BJ, Hansen NI, Adams-Chapman I, Fanaroff AA, Hintz SR, Vohr B, Higgins RD. Neurodevelopmental and growth impairment among extremely low-birth-weight infants with neonatal infection. *JAMA*. 2004 Nov 17;292(19):2357-65. PMID15547163.
- Stoll BJ, Hansen NI, Bell EF, Shankaran S, Laptook AR, Walsh MC, Hale EC, Newman NS, Schibler K, Carlo WA, Tyson JE, Poindexter BB, Finer NN, Ehrenkranz RA, Duara S, Sánchez PJ, O'Shea TM, Goldberg RN, Van Meurs KP, Faix RG, Phelps DL, Frantz ID, Watterberg KL, Saha, S, Das A, Higgins RD, for the NICHD Neonatal Research Network. Neonatal Outcomes of Extremely Preterm Infants from the NICHD Neonatal Research Network. *Pediatrics*. 2010 Sep;126(3):443-56. Epub 2010 Aug 23. PMID20732945. PMCID: PMC2982806.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Stoll BJ, Hansen NI, Bell EF, Walsh MC, Carlo WA, Shankaran S, Laptook AR, Sánchez PJ, Van Meurs KP, Wyckoff M, Das A, Hale EC, Ball MB, Newman NS, Schibler K, Poindexter BB, Kennedy KA, Cotten CM, Watterberg KL, D'Angio CT, DeMauro SB, Truog WE, Devaskar U, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Trends in Care Practices, Morbidity, and Mortality of Extremely Preterm Neonates, 1993-2012. *JAMA*. 2015 Sep 8;314(10):1039-51. doi: 10.1001/jama.2015.10244. PMID26348753. PMCID: PMC4787615 .
- Stoll BJ, Hansen NI, Higgins RD, Fanaroff AA, Duara S, Goldberg R, Laptook A, Walsh M, Oh W, Hale E, National Institute of Child Health and Human Development. Very low birth weight preterm infants with early onset neonatal sepsis: the predominance of gram-negative infections continues in the National Institute of Child Health and Human Development Neonatal Research Network, 2002-2003. *Pediatr Infect Dis J*. 2005 Jul;24(7):635-9. PMID15999007.
- Stoll BJ, Hansen NI, Sánchez PJ, Faix RG, Poindexter BB, Van Meurs KP, Bizzarro MJ, Goldberg RN, Frantz ID 3rd, Hale EC, Shankaran S, Kennedy KA, Carlo WA, Watterberg KL, Bell EF, Walsh MC, Schibler K, Laptook AR, Shane AL, Schrag SJ, Das A, Higgins RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Early Onset Neonatal Sepsis: The Burden of Group B Streptococcal and E. coli Disease Continues. *Pediatrics*. 2011 May;127(5):817-826. Epub 2011 Apr 25. PMID21518717. PMCID: PMC3081183.
- Stoll BJ, Puopolo KM, Hansen NI, Sánchez PJ, Bell EF, Carlo WA, Cotten CM, D'Angio CT, Kazzi SNJ, Poindexter BB, Van Meurs KP, Hale EC, Collins MV, Das A, Baker CJ, Wyckoff MH, Yoder BA, Watterberg KL, Walsh MC, Devaskar U, Laptook AR, Sokol GM, Schrag SJ, Higgins RD, and the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Early-Onset Neonatal Sepsis 2015 to 2017, the Rise of Escherichia Coli, and the Need for Novel Prevention Strategies. *JAMA Pediatr*. 2020 May 4;e200593. doi: 10.1001/jamapediatrics.2020.0593. PMID: 32364598; PMCID: PMC7199167.
- Stoll BJ, Temprosa M, Tyson JE, Papile LA, Wright LL, Bauer CR, Donovan EF, Korones SB, Lemons JA, Fanaroff AA, Stevenson DK, Oh W, Ehrenkranz RA, Shankaran S, Verter J. Dexamethasone therapy increases infection in very low birth weight infants. *Pediatrics*. 1999 Nov;104(5):e63. PMID10545589.
- Strand M, Jobe AH. The multiple negative randomized controlled trials in perinatology--why? *Semin Perinatol*. 2003 Aug;27(4):343-50. PMID14510325.
- Supplemental Therapeutic Oxygen for Prethreshold Retinopathy of Prematurity (STOP-ROP) Multicenter Study Group. Supplemental Therapeutic Oxygen for Prethreshold Retinopathy of Prematurity (STOP-ROP), a randomized, controlled trial. I: Primary outcomes. *Pediatrics*. 2000 Feb;105(2):295-310. PMID10654946.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- SUPPORT Study Group of the Eunice Kennedy Shriver NICHD Neonatal Research Network, Carlo WA, Finer NN, Walsh MC, Rich W, Gantz MG, Lupton AR, Yoder BA, Faix RG, Das A, Poole WK, Schibler K, Newman NS, Ambalavanan N, Frantz ID 3rd, Piazza AJ, Sánchez PJ, Morris BH, Laroia N, Phelps DL, Poindexter BB, Cotten CM, Van Meurs KP, Duara S, Narendran V, Sood BG, O'Shea TM, Bell EF, Ehrenkranz RA, Watterberg KL, Higgins RD. Target ranges of oxygen saturation in extremely preterm infants. *N Engl J Med*. 2010 May 27;362(21):1959-69. Epub 2010 May 16. PMID2047293. PMCID: PMC289197.
- SUPPORT Study Group of the Eunice Kennedy Shriver NICHD Neonatal Research Network, Finer NN, Carlo WA, Walsh MC, Rich W, Gantz MG, Lupton AR, Yoder BA, Faix RG, Das A, Poole WK, Donovan EF, Newman NS, Ambalavanan N, Frantz ID 3rd, Buchter S, Sánchez PJ, Kennedy KA, Laroia N, Poindexter BB, Cotten CM, Van Meurs KP, Duara S, Narendran V, Sood BG, O'Shea TM, Bell EF, Bhandari V, Watterberg KL, Higgins RD. Early CPAP versus surfactant in extremely preterm infants. *N Engl J Med*. 2010 May 27;362(21):1970-9. Epub 2010 May 16. PMID20472939. PMCID: PMC3071534.
- Thomas CW, Meinen-Derr J, Hoath SB, Narendran V. Neurodevelopmental Outcomes of Extremely Low Birth Weight Infants Ventilated with Continuous Positive Airway Pressure vs. Mechanical Ventilation. *Indian J Pediatr*. 2012 Feb;79(2):218-23. Epub 2011 Aug 19. PMID21853318. PMCID: PMC3498084.
- Thornburg CD, Erickson SW, Page GP, Clark EAS, DeAngelis MM, Hartnett ME, Goldstein RF, Dagle JM, Murray JC, Poindexter BB, Das A, Cotten CM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Genetic predictors of severe intraventricular hemorrhage in extremely low-birthweight infants. *J Perinatol*. 2021 Feb;41(2):286-294. doi: 10.1038/s41372-020-00821-w. Epub 2020 Sep 25. Erratum in: *J Perinatol*. 2020 Oct 12;: PMID: 32978526; PMCID: PMC7889697.
- Travers CP, Ambalavanan N, Carlo WA, Goldberg RN, Stoll BJ, Walsh MC, Bell EF, Lupton AR, Shankaran S, Van Meurs KP, Peralta-Carcelen M, Wyckoff M, Newman N, Ball MB, Sánchez P, Collins M, Das A, Higgins RD for the GDB subcommittee. Racial/Ethnic Disparities Among Extremely Preterm Infants in the United States From 2002 to 2016. *JAMA Netw Open*. 2020 Jun 1;3(6):e206757. doi: 10.1001/jamanetworkopen.2020.6757. PMID: 32520359; PMCID: PMC7287569.
- Travers CP, Carlo WA, McDonald SA, Das A, Bell EF, Ambalavanan N, Jobe AH, Goldberg RN, D'Angio CT, Stoll BJ, Shankaran S, Lupton AR, Schmidt B, Walsh MC, Sánchez PJ, Ball MB, Hale EC, Newman NS, Higgins RD, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Mortality and Pulmonary Outcomes of Extremely Preterm Infants Exposed to Antenatal Corticosteroids. *Am J Obstet Gynecol*. 2018 Jan;218(1):130.e1-130.e13. doi: 10.1016/j.ajog.2017.11.554. Epub 2017 Nov 11. PMID: 29138031. PMCID: PMC5842434.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Travers CP, Hansen NI, Das A, Rysavy MA, Bell EF, Ambalavanan N, Peralta-Carcelen M, Tita AT, Van Meurs KP, Carlo WA, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Potential missed opportunities for antenatal corticosteroid exposure and outcomes among periviable births: observational cohort study. *BJOG*. 2022 May 24. doi: 10.1111/1471-0528.17230. Online ahead of print. PMID: 35611472; PMCID in Process.
- Trembath AN, Payne AH, Colaizy TT, Bell EF, Walsh MC. The Problems of Moderate Preterm Infants. *Semin Perinatol*. 2016 Oct;40(6):370-373. doi: 10.1053/j.semperi.2016.05.008. Epub 2016 Sep 13. PMID27637133. PMCID: PMC5065732.
- Truog WE, Nelin LD, Das A, Kendrick DE, Bell EF, Carlo WA, Higgins RD, Laptook AR, Sanchez PJ, Shankaran S, Stoll BJ, Van Meurs KP, Walsh MC, the NICHD Neonatal Research Network. Inhaled Nitric Oxide Usage in Preterm Infants in the NICHD Neonatal Research Network: Inter-site Variation and Propensity Evaluation. *J Perinatol*. 2014 Nov;34(11):842-6. doi: 10.1038/jp.2014.105. Epub 2014 Jun 5 . PMID24901452. PMCID: PMC4323079.
- Tsai AJ, Lasky RE, John SD, Evans PW, Kennedy KA. Predictors of Neurodevelopmental Outcomes in Preterm Infants with Intraparenchymal Hemorrhage. *J Perinatol*. 2014 Feb 20. doi: 10.1038/jp.2014.21. [Epub ahead of print]. PMID24556980. PMCID: PMC4139114.
- Tyson JE, Parikh NA, Langer J, Green C, Higgins RD, NICHD Neonatal Research Network. Intensive care for extreme prematurity--moving beyond gestational age. *N Engl J Med*. 2008 Apr 17;358(16):1672-81. PMID18420500. PMCID: PMC2597069.
- Tyson JE, Pedroza C, Langer J, Green C, Morris B, Stevenson D, Van Meurs KP, Oh W, Phelps D, O'Shea M, McDavid GE, Grisby C, Higgins RD. Does aggressive phototherapy increase mortality while decreasing profound impairment among the smallest and sickest newborns? *J Perinatol*. 2012 Sep;32(9):677-84. doi: 10.1038/jp.2012.64. Epub 2012 May 31. PMID22652561. PMCID: PMC3558278.
- Tyson JE, Stoll BJ. Evidence-based ethics and the care and outcome of extremely premature infants. *Clin Perinatol*. 2003 Jun;30(2):363-87. PMID12875360.
- Tyson JE, Wright LL, Oh W, Kennedy KA, Mele L, Ehrenkranz RA, Stoll BJ, Lemons JA, Stevenson DK, Bauer CR, Korones SB, Fanaroff AA, Donovan EF, Carlo WA, Shankaran S, Stark AR, Papile L, Jobe A, Stacewicz-Sapuntzakis M, Verter J for the NICHD Neonatal Research Network. Vitamin A Supplementation for Extremely-Low-Birth-Weight Infants. *N Engl J Med*. 1999 Jun 24;340(25):1962-8. PMID10379020.
- Tyson JE, Younes N, Verter J, Wright LL. Viability, morbidity and resource use among newborns of 501-800 g birth weight. *JAMA*. 1996 Nov 27;276(20):1645-51. PMID8922450.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Uauy RD, Fanaroff AA, Korones SB, Phillips EA, Phillips JB, and Wright LL and the NICHD Neonatal Research Network. Necrotizing enterocolitis in very low birth weight infants: Biodemographic and clinical correlates. *J Pediatr.* 1991 Oct;119(4):630-8. PMID1919897.
- Van Meurs KP, Hintz SR, Ehrenkranz RA, Lemons JA, Ball MB, Poole WK, Perritt R, Das A, Higgins RD, Stevenson DK. Inhaled nitric oxide in infants >1500 g and <34 weeks gestation with severe respiratory failure. *J Perinatol.* 2007 Jun;27(6):347-52. Epub 2007 Apr 19. PMID17443204.
- Van Meurs KP, Wright LL, Ehrenkranz RA, Lemons JA, Ball MB, Poole WK, Perritt R, Higgins RD, Oh W, Hudak ML, Lupton AR, Shankaran S, Finer NN, Carlo WA, Kennedy KA, Fridriksson JH, Steinhorn RH, Sokol GM, Konduri GG, Aschner JL, Stoll BJ, D'Angio CT, Stevenson DK, Premie Inhaled Nitric Oxide Study. Inhaled Nitric Oxide for Premature Infants with Severe Respiratory Failure. *N Engl J Med.* 2005 Jul 7;353(1):13-22. PMID16000352.
- Vaucher YE, Peralta-Carcelen M, Finer NN, Carlo WA, Walsh MC, Gantz MG, Lupton AR, Yoder BA, Faix RG, Das A, Schibler K, Rich W, Newman NS, Wilson-Costello DE, Vohr BR, McGowan EC, Adams-Chapman I, Heyne RJ, Evans PW, Myers GJ, Poindexter BB, Goldstein RF, Hintz SR, Bauer CR, Yolton K, Pappas A, Dillard RG, Bodnar A, Acarregui MJ, Ehrenkranz RA, Fuller J, Higgins RD. Neurodevelopmental Outcomes in the Early CPAP and Pulse Oximetry Trial. *N Engl J Med.* 2012 Dec 27;367(26):2495-504. doi: 10.1056/NEJMoa1208506. PMID23268664. PMCID: PMC4140695.
- Vohr BR, Heyne R, Bann C, Das A, Higgins RD, Hintz SR, Eunice Kennedy Shriver National Institute of Child Health Development Neonatal Research Network. High Blood Pressure at Early School Age Among Extreme Preterms. *Pediatrics.* 2018 Aug;142(2). pii: e20180269. doi: 10.1542/peds.2018-0269. PMID: 30054344. PMCID: PMC6317552.
- Vohr BR, Heyne R, Bann CM, Das A, Higgins RD, Hintz SR, Eunice Kennedy Shriver National Institute of Child Health, and Development Neonatal Research Network. Extreme Preterm Infant Rates of Overweight and Obesity at School Age in the SUPPORT Neuroimaging and Neurodevelopmental Outcomes Cohort. *J Pediatr.* 2018 May 21. pii: S0022-3476(18)30627-9. doi: 10.1016/j.jpeds.2018.04.073. [Epub ahead of print]. PMID: 29793869. PMCID: PMC6109599.
- Vohr BR, McGowan EC, Bann CM, Das A, Higgins RD; Hintz SR; for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Association of High Screen-Time Use With School-age Cognitive, Executive Function, and Behavior Outcomes in Extremely Preterm Children. *JAMA Pediatr.* 2021 Oct 1;175(10):1025-1034. doi: 10.1001/jamapediatrics.2021.2041. PMID: 34251406; PMCID: PMC8276120.
- Vohr BR, Msall ME, Wilson D, Wright LL, McDonald S, Poole WK. Spectrum of gross motor function in extremely low birth weight children with cerebral palsy at 18 months of age. *Pediatrics.* 2005 Jul;116(1):123-9. PMID15995042.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Vohr BR, O'Shea M, Wright LL. Longitudinal multicenter follow-up of high-risk infants: why, who, when, and what to assess. *Semin Perinatol*. 2003 Aug;27(4):333-42. PMID14510324.
- Vohr BR, Poindexter BB, Dusick AM, McKinley LT, Higgins RD, Langer JC, Poole WK, NICHD Neonatal Research Network. Persistent Beneficial Effects of Breast Milk Ingested in the Neonatal Intensive Care Unit on Outcomes of Extremely Low Birth Weight Infants at 30 Months of Age. *Pediatrics*. 2007 Oct;120(4):e953-9. PMID17908750.
- Vohr BR, Poindexter BB, Dusick AM, McKinley LT, Wright LL, Langer JC, Poole WK. Beneficial effects of breast milk in the neonatal intensive care unit on the developmental outcome of extremely low birth weight infants at 18 months of age. *Pediatrics*. 2006 Jul;118(1):e115-23. PMID16818526.
- Vohr BR, Stephens BE, Higgins RD, Bann CM, Hintz SR, Das A, Newman JE, Peralta-Carcelen M, Yolton K, Dusick AM, Evans PW, Goldstein RF, Ehrenkranz RA, Pappas A, Adams-Chapman I, Wilson-Costello DE, Bauer CR, Bodnar A, Heyne RJ, Vaucher YE, Dillard RG, Acarregui MJ, McGowan EC, Myers GJ, Fuller J, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Are Outcomes of Extremely Preterm Infants Improving? Impact of Bayley Assessment on Outcomes. *J Pediatr*. 2012 Aug;161(2):222-228.e3. Epub 2012 Mar 14. PMID22421261. PMCID: PMC3796892.
- Vohr BR, Stephens BS, McDonald SA, Ehrenkranz RA, Laptook AR, Das A, Higgins RD, Shankaran S, on behalf of the Extended Hypothermia Follow-up Committee of the NICHD Neonatal Research Network. Cerebral Palsy and Growth Failure at 6 to 7 Years. *Pediatrics*. 2013 Oct;132(4):e905-14. doi: 10.1542/peds.2012-3915. Epub 2013 Sep 9. PMID24019415. PMCID: PMC3784290.
- Vohr BR, Tyson JE, Wright LL, Perritt RL, Li L, Poole WK for the NICHD Neonatal Research Network. Maternal Age, Multiple Birth, and Extremely Low Birth Weight Infants. *J Pediatr*. 2009 Apr;154(4):498-503.e2. Epub 2008 Dec 25. PMID19111322. PMCID: PMC2834530.
- Vohr BR, Wright LL, Dusick AM, Mele L, Verter J, Steichen JJ, Simon NP, Wilson DC, Broyles S, Bauer CR, Delaney-Black V, Yolton KA, Fleisher BE, Papile L, Kaplan MD. Neurodevelopmental and functional outcomes of extremely low birth weight infants in the National Institute of Child Health and Human Development Neonatal Research Network, 1993-1994. *Pediatrics*. 2000 Jun;105(6):1216-26. PMID10835060.
- Vohr BR, Wright LL, Dusick AM, Perritt R, Poole WK, Tyson JE, Steichen JJ, Bauer CR, Wilson-Costello DE, Mayes LC. Center differences and outcomes of extremely low birth weight infants. *Pediatrics*. 2004 Apr;113(4):781-9. PMID15060228.
- Vohr BR, Wright LL, Poole WK, McDonald S. Neurodevelopmental outcomes of extremely low birth weight infants <32 weeks gestation between 1993-1998. *Pediatrics*. 2005 Sep;116(3):635-43. PMID16143580.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Vreman HJ, Stevenson DK, Oh W, Fanaroff AA, Wright LL, Lemons JA, Wright EC, Shankaran S, Tyson JE, Korones SB, Bauer CR, Stoll BJ, Papile LA, Donovan EF, Ehrenkranz RA for the NICHD Neonatal Research Network. Semiportable electrochemical instrument for determining carbon monoxide in breath. *Clin Chem*. 1994 Oct;40(10):1927-33. PMID7923774.
- Vreman HJ, Verter J, Oh W, Fanaroff AA, Wright LL, Lemons JA, Shankaran S, Tyson JE, Korones SB, Bauer CR, Stoll BJ, Papile LA, Donovan EF, Ehrenkranz RA, Stevenson DK for the NICHD Neonatal Research Network. Interlaboratory variability of bilirubin measurements. *Clin Chem*. 1996 Jun;42(6 Pt 1):869-73. PMID8665677.
- Wadhawan R, Oh W, Hintz SR, Blakely ML, Das A, Bell EF, Saha S, Lupton AR, Shankaran S, Stoll BJ, Walsh MC, Higgins RD. Neurodevelopmental outcomes of extremely low birth weight infants with spontaneous intestinal perforation or surgical necrotizing enterocolitis. *J Perinatol*. 2014 Jan;34(1):64-70. doi: 10.1038/jp.2013.128. Epub 2013 Oct 17. PMID24135709. PMCID: PMC3877158.
- Wadhawan R, Oh W, Perritt R, Lupton AR, Poole K, Wright LL, Fanaroff AA, Duara S, Stoll BJ, Goldberg R. Association between early postnatal weight loss and death or BPD in small and appropriate for gestational age extremely low-birth-weight infants. *J Perinatol*. 2007 Apr 19. PMID17443198.
- Wadhawan R, Oh W, Perritt RL, McDonald SA, Das A, Poole WK, Vohr BR, Higgins RD. Twin gestation and neurodevelopmental outcome in extremely low birth weight infants. *Pediatrics*. 2009 Feb;123(2):e220-7. Epub 2009 Jan 12. PMID19139085. PMCID: PMC2842087.
- Wadhawan R, Oh W, Saha S, Das A, Bell E, Lupton AR, Shankaran S, Stoll BJ, Walsh MC, Higgins RD. Spontaneous intestinal perforation in extremely low birth weight infants: association with indometacin therapy and effects on neurodevelopmental outcomes at 18-22 months corrected age. *Arch Dis Child Fetal Neonatal Ed*. 2013 Mar;98(2):F127-32. doi: 10.1136/archdischild-2011-300659. Epub 2012 Jun 9. PMID22684157. PMCID: PMC3753803.
- Wadhawan R, Oh W, Wraga LA, Das A, Bell E, Lupton AR, Shankaran S, Stoll BJ, Walsh MC, Higgins RD. Neurodevelopmental Outcomes of Triplets or Higher-Order Extremely Low Birth Weight Infants. *Pediatrics*. 2011 Mar;127(3):e654-60. Epub 2011 Feb 28. PMID21357334. PMCID: PMC3304548.
- Wadhawan R, Vohr BR, Fanaroff AA, Perritt RL, Duara S, Stoll BJ, Goldberg R, Lupton A, Poole WK, Wright LL, Oh W. Does labor influence neonatal and neurodevelopmental outcomes of extremely-low-birth-weight infants who are born by cesarean delivery? *Am J Obstet Gynecol*. 2003 Aug;189(2):501-6. PMID14520225.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Walden RV, Taylor SC, Hansen NI, Poole WK, Stoll BJ, Abuelo D, Vohr BR, for the NICHD Neonatal Research Network. Major Congenital Anomalies Place Extremely Low Birth Weight Infants at Higher Risk for Poor Growth and Developmental Outcomes. *Pediatrics*. 2007 Dec;120(6):e1512-9. Epub 2007 Nov 5. PMID17984212.
- Walsh M, Engle W, Lupton A, Kazzi SN, Buchter S, Rasmussen M, Yao Q, NICHD Neonatal Research Network. Oxygen delivery through nasal cannulae to preterm infants: can practice be improved? *Pediatrics*. 2005 Oct;116(4):857-61. PMID16199694.
- Walsh M, Lupton A, Kazzi SN, Engle WA, Yao Q, Rasmussen M, Buchter S, Heldt G, Rhine W, Higgins R, Poole K, National Institute of Child Health and Human Development Neonatal Research Network. A cluster-randomized trial of benchmarking and multimodal quality improvement to improve rates of survival free of bronchopulmonary dysplasia for infants with birth weights of less than 1250 grams. *Pediatrics*. 2007 May;119(5):876-90. PMID17473087.
- Walsh MC, Bell EF, Kandefer S, Saha S, Carlo WA, D'Angio CT, Lupton AR, Sanchez PJ, Stoll BJ, Shankaran S, Van Meurs KP, Cook N, Higgins RD, Das A, Newman NS, Schibler K, Schmidt B, Cotten CM, Poindexter BB, Watterberg KL, Truog WE, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Neonatal outcomes of moderately preterm infants compared to extremely preterm infants. *Pediatr Res*. 2017 Aug;82(2):297-304. doi: 10.1038/pr.2017.46. Epub 2017 May 24. PMID28419085. PMCID: PMC5552426.
- Walsh MC, Di Fiore JM, Martin RJ, Gantz MG, Carlo WA, Finer NF. Association of Oxygen Target and Growth Status With Increased Mortality in Small for Gestational Age Infants: Further Analysis of the Surfactant, Positive Pressure and Pulse Oximetry Randomized Trial. *JAMA Pediatr*. 2016 Mar 1;170(3):292-4. doi: 10.1001/jamapediatrics.2015.3794. PMID2674614. PMCID: PMC5292772 .
- Walsh MC, Morris BH, Wrage L, Vohr BR, Poole WK, Tyson JE, Wright LL, Ehrenkranz RA, Stoll BJ, Fanaroff AA. Extremely low birthweight neonates with protracted ventilation: mortality and 18-month neurodevelopmental outcomes. *J Pediatr*. 2005 Jun;146(6):798-804. PMID15973322.
- Walsh MC, Yao Q, Gettner P, Hale E, Collins M, Hensman A, Everett R, Peters N, Miller N, Muran G, Auten K, Newman N, Rowan G, Grisby C, Arnell K, Miller L, Ball B, McDavid G. Impact of a Physiologic Definition on Bronchopulmonary Dysplasia Rates. *Pediatrics*. 2004 Nov;114(5):1305-11. PMID15520112.
- Walsh MC, Yao Q, Horbar JD, Carpenter JH, Lee S, Ohlsson A. Changes in the use of postnatal steroids for bronchopulmonary dysplasia in 3 large neonatal networks. *Pediatrics*. 2006 Nov;118(5):e1328-35. PMID17079534.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Walsh-Sukys MC, Fanaroff AA, Bauer CR, Korones SB, Stevenson DK, Tyson JE, Verter J, Wright LL, Stoll BJ, Lemons JA, Papile LA, Donovan EF, Shankaran S, Oh W, Ehrenkranz RA for the NICHD Neonatal Research Network. Persistent pulmonary hypertension of the newborn (PPHN) in the era before nitric oxide: Practice variation and outcomes. *Pediatrics*. 2000 Jan;105(1 Pt 1):14-20. PMID10617698.
- Wang K, Difiore JM, Martin RJ, Rosen CL, Hibbs AM. Markers for severity of illness associated with decreased snoring in toddlers born ELGA. *Acta Paediatr*. 2013 Jan;102(1):e39-43. doi: 10.1111/apa.12033. Epub 2012 Nov 1. PMID23009601. PMCID: PMC3650629.
- Warren MG, Do B, Das A, Smith PB, Adams-Chapman I, Jadcherla S, Jensen EA, Goldstein RF, Goldberg RN, Cotten CM, Bell EF, Malcolm WF, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Gastrostomy Tube Feeding in Extremely Low Birthweight Infants: Frequency, Associated Comorbidities, and Long-term Outcomes. *J Pediatr*. 2019 Nov;214:41-46.e5. doi: 10.1016/j.jpeds.2019.06.066. Epub 2019 Aug 16. PMID: 31427096. PMCID: PMC6815700.
- Watterberg KL, Carlo Wa, Brion LP, Cotten CM, Higgins RD. Overview of the neonatal research network: History, contributions, challenges, and future. *Semin Perinatol*. 2022 Nov;46(7):151634. doi: 10.1016/j.semperi.2022.151634. Epub 2022 Jun 10. PMID: 35786518; PMCID in Process.
- Watterberg KL, Fernandez E, Walsh MC, Truog WE, Stoll BJ, Sokol GM, Kennedy KA, Fraga MV, Beauman SS, Carper B, Das A, Duncan AF, Buss WF, Gauldin C, Lacy CB, Sanchez PJ, Chawla S, Lakshminrusimha S, Cotten CM, Van Meurs KP, Poindexter BB, Bell EF, Carlo WA, Devaskar U, Wyckoff MH, Higgins RD. Barriers to enrollment in a randomized controlled trial of hydrocortisone for cardiovascular insufficiency in term and late preterm newborn infants. *J Perinatol*. 2017 Nov;37(11):1220-1223. doi: 10.1038/jp.2017.131. Epub 2017 Sep 7. PMID: 28880260. PMCID: PMC5688018.
- Watterberg KL, Hintz SR, Do B, Vohr BR, Lowe J, Newman JE, Wallace D, Lacy CB, Davis EP, Granger DA, Shankaran S, Payne A, Higgins RD, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Adrenal function links to early postnatal growth and blood pressure at age 6 in children born extremely preterm. *Pediatr Res*. 2018 Dec 12. doi: 10.1038/s41390-018-0243-1. [Epub ahead of print]. PMID: 30631138. PMCID: PMC6561840.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Watterberg KL; Walsh MC; Li L; Chawla S; D'Angio CT; Goldberg RN; Hintz SR; Laughon MM; Yoder BA; Kennedy KA; McDavid GE; Backstrom-Lacy C; Das A; Crawford MM; Keszler M; Sokol GM; Poindexter BB; Ambalavanan N; Hibbs AM; Truog WE; Schmidt B; Wyckoff MH; Khan AM; Garg M; Chess PR; Reynolds AM; Moallem M; Bell EF; Meyer LR; Patel RM; Van Meurs KP; Cotten CM; McGowan EC; Hines AC; Merhar S; Peralta-Carcelen M; Wilson-Costello DE; Kilbride HW; DeMauro SB; Heyne RJ; Mosquera RA; Natarajan G; Purdy IB; Lowe JR; Maitre NL; Harmon HM; Hogden LA; Adams-Chapman I; Winter S; Malcolm WF; Higgins RD; Eunice Kennedy Shriver NICHD Neonatal Research Network. Hydrocortisone to Improve Survival without Bronchopulmonary Dysplasia. *N Engl J Med*. 2022 Mar 24;386(12):1121-1131. doi: 10.1056/NEJMoa2114897. PMID: 35320643. PMCID: 9107291.
- Weissman SJ, Hansen NI, Zaterka-Baxter K, Higgins RD, Stoll BJ. Emergence of Antibiotic Resistance-Associated Clones among *Escherichia coli* Recovered from Newborns with Early-Onset Sepsis and Meningitis in the United States, 2008-2009. *J Pediatric Infect Dis Soc*. 2016 Sep;5(3):269-76. doi: 10.1093/jpids/piv013. Epub 2015 Mar 31. PMID26407251. PMCID: PMC5125450.
- Weston EJ, Pondo T, Lewis MM, Martell-Cleary P, Morin C, Jewell B, Daily P, Apostol M, Petit S, Farley M, Lynfield R, Reingold A, Cartter M, Hansen NI, Stoll BJ, Shane AL, Zell E, Schrag SJ. The Burden of Invasive Early-onset Neonatal Sepsis in the United States, 2005-2008. *Pediatr Infect Dis J*. 2011 Nov;30(11):937-941. PMID21654548. PMCID: PMC3193564.
- Wilson-Costello D, Walsh MC, Langer JC, Guillet R, Laptook AR, Stoll BJ, Shankaran S, Finer NN, Van Meurs KP, Engle WA, Das A, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Impact of postnatal corticosteroid use on neurodevelopment at 18 to 22 months' adjusted age: effects of dose, timing, and risk of bronchopulmonary dysplasia in extremely low birth weight infants. *Pediatrics*. 2009 Mar;123(3):e430-7. Epub 2009 Feb 9. PMID19204058. PMCID: PMC2846831.
- Worley G, Erickson SW, Gustafson KE, Nikolova YS, Ashley-Koch AE, Belsky DW, Goldstein RF, Page GP, Cotten CM, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Genetic variation associated with diminished dopamine neurotransmission predicts worse motor development at 18-22 months corrected age in extremely low birth weight infants. *Dev Med Child Neurol*. 2019 Nov 6. doi: 10.1111/dmcn.14383. [Epub ahead of print]. PMID: 31691959; PMCID: PMC7200269.
- Wortham JM, Hansen NI, Schrag SJ, Hale E, Van Meurs KP, Sánchez PJ, Cantey JB, Faix R, Poindexter B, Goldberg R, Bizzarro M, Frantz I, Das A, Benitz WE, Shane AL, Higgins R, Stoll BJ, Eunice Kennedy Shriver NICHD Neonatal Research Network. Chorioamnionitis and Culture-Confirmed, Early-Onset Neonatal Infections. *Pediatrics*. 2016 Jan;137(1). doi: 10.1542/peds.2015-2323. Epub 2015 Dec 30. PMID26719293. PMCID: PMC4702021.

**Eunice Kennedy Shriver National Institute of Child Health and Human Development
Neonatal Research Network**

BIBLIOGRAPHY

- Wright LL, Horbar JD, Gunkel H, Verter J, Younes N, Andrews E, Long W. Evidence from multicenter networks on the current use and effectiveness of antenatal corticosteroids in low birthweight infants. *Am J Obstet Gynecol* 1995;173:263-269. (ancillary publication). PMID7631701.
- Wright LL, McNellis D. National Institute of Child Health and Human Development (NICHD)-Sponsored Perinatal Research Networks. *Semin Perinatol*. 1995 Apr;19(2):112-23. PMID7604302.
- Wright LL, Papile LA. U.S. neonatal databases: methods and uses. *Semin Neonatal* 1997;2:159-69. (ancillary publication).
- Wright LL, Verter J, Younes N, Stevenson D, Fanaroff AA, Shankaran S, Ehrenkranz RA, Donovan EF. Antenatal corticosteroid administration and neonatal outcome in very low birth weight infants: the NICHD Neonatal Research Network. *Am J Obstet Gynecol*. 1995 Jul;173(1):269-74. PMID7631702.
- Wright LL, Verter J, Younes N, Stevenson DK, Fanaroff AA, Shankaran S, Ehrenkranz RA, Donovan EF. Antenatal corticosteroid administration and neonatal outcome in very low birthweight infants: The NICHD Neonatal Research Network. *Am J Obstet Gynecol*. 1995 Jul;173(1):269-74. PMID7631702.
- Wright LL. How to develop and manage a successful research network. *Semin Pediatr Surg*. 2002 Aug;11(3):175-80; discussion 180. PMID12145760.
- Wyckoff MH, Salhab WA, Heyne RJ, Kendrick DE, Stoll BJ, Laptook AR. Outcome of Extremely Low Birth Weight Infants Who Received Delivery Room Cardiopulmonary Resuscitation. *J Pediatr*. 2012 Feb;160(2):239-244.e2. Epub 2011 Sep 17. PMID21930284. PMCID: PMC3258355.
- Wynn JL, Hansen NI, Cotten CM, Goldberg RN, Benjamin Jr DK, Stoll BJ. Early Sepsis Does Not Increase the Risk of Late Sepsis in Very Low Birth Weight Neonates. *J Pediatr*. 2013 May;162(5):942-8.e1-3. doi: 10.1016/j.jpeds.2012.11.027. Epub 2013 Jan 5. PMID23295144. PMCID: PMC3622770.
- Wynn JL, Li L, Cotten CM, Phelps DL, Shankaran S, Goldberg RN, Carlo Wa, Van Meurs KP, Das A, Vohr BR, Higgins RD, Stoll BJ, D'Angio CT. Blood stream infection is associated with altered heptavalent pneumococcal conjugate vaccine immune responses in very low birth weight infants. *J Perinatol*. 2013 Aug;33(8):613-8. doi: 10.1038/jp.2013.5. Epub 2013 Jan 31. PMID23370608. PMCID: PMC3722279.
- Wynn JL, Tan S, Gantz MG, Das A, Goldberg RN, Adams-Chapman I, Stoll BJ, Shankaran S, Walsh MC, Auten KJ, Miller NA, Sánchez PJ, Higgins RD, Cotten CM, Smith PB, Benjamin DK Jr, the NICHD Neonatal Research Network. Outcomes Following Candiduria in Extremely Low Birth Weight Infants. *Clin Infect Dis*. 2012 Feb 1;54(3):331-9. doi: 10.1093/cid/cir800. Epub 2011 Dec 5. PMID22144537. PMCID: PMC3258271.

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Neonatal Research Network**

BIBLIOGRAPHY

Younge N, Goldstein RF, Bann CM, Hintz SR, Patel RM, Smith PB, Bell EF, Rysavy MA, Duncan AF, Vohr BR, Das A, Goldberg RN, Higgins RD, Cotten CM, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Survival and Neurodevelopmental Outcomes among Periviable Infants. *N Engl J Med*. 2017 Feb 16;376(7):617-628. doi: 10.1056/NEJMoa1605566. PMID28199816. PMCID: PMC5456289.

Zhang H, Dysart K, Kendrick DE, Li L, Das A, Hintz SR, Vohr BR, Stoll BJ, Higgins RD, Nelin L, Carlton DP, Walsh MC, Kirpalani H, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Prolonged respiratory support of any type impacts outcomes of extremely low birth weight infants. *Pediatr Pulmonol*. 2018 Oct;53(10):1447-1455. doi: 10.1002/ppul.24124. Epub 2018 Jul 30. PMID: 30062831. PMCID: PMC6599180.