

## PEER REVIEWED JOURNAL ARTICLES:

### Refereed research publications 1 January to 31 December 2016:

1. School-Age Outcomes of Early Intervention for Preterm Infants and Their Parents: A Randomized Trial. Spittle AJ, Barton S, Treyvaud K, Molloy CS, Doyle LW, Anderson PJ. *Pediatrics*. 2016 Dec; 138(6). pii: e20161363. PMID: 27940686
2. Tingay DG, Rajapaksa AE, Zannin E, Pereira-Fantini PM, Dellacà R, Perkins E, Zonneveld CE, Adler A, Black D, Frerichs I, Lavizzari A, Sourial M, Grychtol B, Mosca F, Davis PG. Effectiveness of Individualised Lung Recruitment Strategies at Birth: An Experimental Study in Preterm Lambs. *Am J Physiol Lung Cell Mol Physiol*. 2016 Nov 23:ajplung.00416.2016. doi: 10.1152/ajplung.00416.2016. [Epub ahead of print]. PMID: 27881405
3. Roehr CC, Yoder BA, Davis PG, Ives K. Evidence Support and Guidelines for Using Heated, Humidified, High-Flow Nasal Cannulae in Neonatology: Oxford Nasal High-Flow Therapy Meeting, 2015. *Clin Perinatol*. 2016 Dec;43(4):693-705. doi: 10.1016/j.clp.2016.07.006. Review. PubMed PMID: 27837753.
4. Lemyre B, Laughon M, Bose C, Davis PG. Early nasal intermittent positive pressure ventilation (NIPPV) versus early nasal continuous positive airway pressure (NCPAP) for preterm infants. *Cochrane Database Syst Rev*. 2016 Dec 15;12:CD005384. doi: 10.1002/14651858.CD005384.pub2. Review. PubMed PMID: 27976361.
5. Roberts CT, Owen LS, Davis PG, Yoder BA, Manley BJ. Chicken or egg? Dangers in the interpretation of retrospective studies. *J Pediatr*. 2016 Nov;178:309. doi: 10.1016/j.jpeds.2016.07.033. PubMed PMID: 27522445.
6. Ferguson KN, Roberts CT, Manley BJ, Davis PG. Interventions to Improve Rates of Successful Extubation in Preterm Infants: A Systematic Review and Meta-analysis. *JAMA Pediatr*. 2016 Dec 5. doi: 10.1001/jamapediatrics.2016.3015. [Epub ahead of print] PubMed PMID: 27918754.
7. BOOST-II Australia and United Kingdom Collaborative Groups. Outcomes of Two Trials of Oxygen-Saturation Targets in Preterm Infants. *N Engl J Med*. 2016 Feb 10. [Epub ahead of print]. PMID: 26863265
8. Kowalski RR, Beare R, Doyle LW, Smolich JJ4, Cheung MM; Victorian Infant Collaborative Study Group Elevated Blood Pressure with Reduced Left Ventricular and Aortic Dimensions in Adolescents Born Extremely Preterm *J Pediatr*. 2016 Feb 9. pii: S0022-3476(16)00022-6. doi: 10.1016/j.jpeds.2016.01.020. [Epub ahead of print]. PMID: 26873655
9. Roberts CT, Owen LS, Manley BJ, Froisland DH, Donath SM, Dalziel KM, Pritchard MA, Cartwright DW, Collins CL, Malhotra A, Davis PG, Investigators, HT, Nasal High-Flow Therapy for Primary Respiratory Support in Preterm Infants, *New England Journal of Medicine*, 2016 Vol 375 Issue 12 pp 1142-1151, PMID: 27653564
10. Roberts, CT; Owen, LS; Manley, BJ; Davis, PG, High-flow support in very preterm infants in Australia and New Zealand, *Archives of Disease in Childhood, Fetal and Neonatal Edition*, 2016 Vol 101 Issue 5 pp F401-F403, PMID: 26678879

11. Lorenz L, Maxfield DA, Dawson JA, Kamlin CO, McGrory L, Thio M, Donath SM, Davis PG. A new suction mask to reduce leak during neonatal resuscitation: a manikin study. *Arch Dis Child Fetal Neonatal Ed* 2016 Feb 4. pii: fetal neonatal-2015-309772. doi: 10.1136/archdischild-2015-309772. [Epub ahead of print]. PMID: 26847369
12. Stenke E, Kieran EA, McCarthy LK, Dawson JA, Van Vonderen JJ, Kamlin CO, Davis PG, Te Pas AB, O'Donnell CP. A randomised trial of placing preterm infants on their back or left side after birth. *Arch Dis Child Fetal Neonatal Ed*. 2016 Feb 4. pii: fetalneonatal-2015-309842. doi: 10.1136/archdischild-2015-309842. [Epub ahead of print]. PMID: 26847368
13. Manley BJ, Kuschel CA, Elder JE, Doyle LW, Davis PG. Higher Rates of Retinopathy of Prematurity after Increasing Oxygen Saturation Targets for Very Preterm Infants: Experience in a Single Center *The Journal of Pediatrics*, 2016 Vol. 168, p242–244. PMID: 26548746
14. Cheong JL, Bainbridge A, Anderson PJ, Lee KJ, Burnett AC, Thompson DK, Roberts G, Wood SJ, Doyle LW, Robertson NJ. Altered posterior cingulate brain metabolites and cognitive dysfunction in preterm adolescents. *Pediatr Res*. 2016 Jan 28. doi: 10.1038/pr.2015.272. [Epub ahead of print]. PMID: 26821169
15. Prentice T, Janvier A, Gillam L, Davis PG. Moral distress within neonatal and paediatric intensive care units: a systematic review. *Arch Dis Child*. 2016 Aug; 101(8):701-8. doi: 10.1136/archdischild-2015-309410. PMID: 26801075
16. Manley BJ, Owen LS. High-flow nasal cannula: Mechanisms, evidence and recommendations. *Semin Fetal Neonatal Med*. 2016 Feb 8. pii: S1744-165X(16)00003-2. doi: 10.1016/j.siny.2016.01.002. [Epub ahead of print]. PMID: 26869581
17. Tingay DG, Rajapaksa A, McCall K, Zonneveld CE, Black D, Perkins E, Sourial M, Lavizzari A, Davis PG. The Interrelationship of Recruitment Manoeuvre at Birth, Antenatal Steroids and Exogenous Surfactant on Compliance and Oxygenation in Preterm Lambs. *Pediatr Res*. 2016 Feb 11. doi: 10.1038/pr.2016.25. [Epub ahead of print]. PMID: 26866905
18. Biggs SN, Meltzer LJ, Tapia IE, Traylor J, Nixon GM, Horne RS, Doyle LW, Asztalos E, Mindell JA, Marcus CL. Sleep/Wake Patterns and Parental Perceptions of Sleep in Children Born Preterm. *J Clin Sleep Med*. 2016 Feb 1. pii: jc-00374-15. [Epub ahead of print] PMID: 26857057
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20. Owen LS, Manley BJ. Nasal intermittent positive pressure ventilation in preterm infants: Equipment, evidence and synchronization. *Semin Fetal Neonatal Med*. 2016 Feb 24. Pii: S1744-165X(16)00004-4. Doi: 10.1016/j.siny.2016.01.003. [Epub ahead of print], PMID: 26922562

21. Boland RA, Davis PG, Dawson JA, Doyle LW. What are we telling the parents of extremely preterm babies? *Aust N Z J Obstet Gynaecol*. 2016 Feb 24. doi: 10.1111/ajo.12448. [Epub ahead of print]. PMID: 26914811
22. Fathabadi OS, Gale T, Wheeler K, Plottier G, Owen LS, Olivier JC, Dargaville PA. Hypoxic events and concomitant factors in preterm infants on non-invasive ventilation. *J Clin Monit Comput*. 2016 Feb 20 [Epub ahead of print]. PMID: 26897033
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24. Spittle AJ, Walsh J, Olsen JE, McInnes E, Eeles AL, Brown NC, Anderson PJ, Doyle LW, Cheong JL. Neurobehaviour and neurological development in the first month after birth for infants born between 32-42 weeks' gestation. *Early Hum Dev*. 2016 Mar 7; 96:7-14. doi: 10.1016/j.earlhumdev.2016.02.006 [Epub ahead of print]. PMID: 26964011
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27. Collins CT, Gibson RA, Makrides M, McPhee AJ, Sullivan TR, Davis PG, Thio M, Simmer K, Rajadurai VS, The N3RO trial: a randomised controlled trial of docosahexaenoic acid to reduce bronchopulmonary dysplasia in preterm infants < 29 weeks' gestation, *BMC Paediatrics*, 2016, Vol 16, PMID: 27250120
28. Biggs, SN; Meltzer, LJ; Tapia, IE; Traylor, J; Nixon, GM; Horne, RSC; Doyle, LW; Asztalos, E; Mindell, JA; Marcus, CL, Sleep/Wake Patterns and Parental Perceptions of Sleep in Children Born Preterm, *Journal of Clinical Sleep Medicine*, 2016 Vol 12 Issue 5 pp 711-717, PMID: 26857057
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