

PUBLICATIONS

- Dargaville P, Mills J, McDougall P, Loughnan P. Comparison of different fluids for therapeutic pulmonary lavage in meconium aspiration syndrome (MAS). *Pediatric Research* (1999); DOI: 10.1203/00006450-199904020-01782
- Davis C, Mazzolini A, Mills J, Dargaville P. A new sensor for monitoring chest wall motion during high-frequency oscillatory ventilation. *Medical Engineering & Physics* 1999; **21**: 619-23.
- Mills JF, Tudehope D. Fibre optic phototherapy for neonatal jaundice (Cochrane Protocol). In: *The Cochrane Library*, April 2000, Issue 2, 2000.
- Mills JF. Volume expansion in newborn infants. *Asian Journal of Paediatric Practice*. 2000; **4**: 38-42.
- Mills JF, Dargaville PA, Coleman LT, Rosenfeld JV, Ekert PG. Upper cervical spinal cord injury in neonates: The use of magnetic resonance imaging. *Journal of Pediatrics*. 2001; **138**: 105-8.
- Mills JF, Dargaville PA. Economic evaluation of prophylaxis against respiratory syncytial virus infection in at-risk infants (letter). *Journal of Paediatrics and Child Health*. 2001; **37**: 317-8.
- Mills JF, Tudehope D. Fibre optic phototherapy for neonatal jaundice (Cochrane Review). In: *The Cochrane Library*, January 2001, Issue 1, 2001.
- Dargaville PA, Mills JF, Soll RF. Therapeutic lung lavage for meconium aspiration in newborn infants (Cochrane Protocol). In: *The Cochrane Library*, January 2002, Issue 1, 2002.
- Mills JF, Woodgate P. Exchange blood transfusion for neonatal jaundice (Cochrane Protocol). In: *The Cochrane Library*, January 2002, Issue 1, 2002.
- Dargaville PA, Mills JF, Headley BM, Chan Y, Coleman L, Loughnan PM, Morley CJ. Therapeutic lung lavage in the piglet model of meconium aspiration syndrome. *American Journal of Respiratory and Critical Care Medicine*. 2003; **168**: 456-63.
- Faber B, Mills JF. Early intravenous nutrition for the prevention of neonatal jaundice (Cochrane Protocol). In: *The Cochrane Library*, July 2003, Issue 3, 2003.
- Filan PM, Mills JF, Clarnette TD, Ekert H, Ekert PG. Spontaneous liver hemorrhage during laparotomy for necrotizing enterocolitis: a potential role for recombinant factor VIIa. *Journal of Paediatrics*. 2005; **147**: 857-9.
- Dargaville PA, Mills JF. Surfactant therapy for meconium aspiration syndrome: current status. *Drugs*. 2005; **65**: 2569-2591
- Wilkinson DJ, Fitzsimons J, Dargaville PA, Campbell NT, Loughnan PM, McDougall PN, Mills JF. Death in the neonatal intensive care unit: changing patterns of end of life care over two decades. *Archives of Disease in Childhood Fetal and Neonatal Edition*. 2006; **91**: F268-71.
- Dargaville PA, Mills JF, Soll RF. Therapeutic lung lavage for meconium aspiration in newborn infants (Cochrane Review). In: *The Cochrane Library*, January 2006, Issue 1, 2006.
- Tingay DG, Mills JF, Morley CJ, Pellicano A, Dargaville PA. The deflation limb of the pressure volume relationship in infants during high-frequency ventilation. *American Journal of Respiratory and Critical Care Medicine*. 2006; **173**: 414-20.
- Tingay DG, Mills JF, Morley CJ, Pellicano A, Dargaville PA. Targeting the inflation limb does not result in optimum ventilation (letter). *Archives of Disease in Childhood Fetal and Neonatal Edition*. 2006; <http://fn.bmj.com/cgi/eletters/91/3/F226#833>.
- Tingay DG, Mills JF, Morley CJ, Pellicano A, Dargaville PA. Oxygenation as an indicator for the optimal lung volume in ventilated newborn infants: useful or useless? *American Journal of Respiratory and Critical Care Medicine*. 2006; **174**: 229a-230.

Tingay DG, Mills JF, Morley CJ, Pellicano A, Dargaville PA. Trends in use and outcome of newborn infants treated with high frequency ventilation in Australia and New Zealand, 1996-2003. *Journal of Paediatrics and Child Health*. 2007; **43**: 160-6.

Tingay DG, Copnell B, Mills JF, Morley CJ, Dargaville PA. Effects of open endotracheal suction on lung volume in infants receiving HFOV. *Intensive Care Medicine*. 2007; **33**: 689-93.

Copnell B, Tingay DG, Kiraly N, Sourial M, Gordon MJ, Mills JF, Morley CJ, Dargaville PA. A comparison of the effectiveness of open and closed endotracheal suction techniques. *Intensive Care Medicine*. 2007; **33**: 1655-62.

Patel N, Mills JF, Cheung MM, Loughnan PM. Systemic haemodynamics in infants with vein of Galen malformation: assessment and basis for therapy. *Journal of Perinatology*. 2007; **27**: 460-3.

Dargaville PA, Mills JF, Copnell B, Loughnan PM, McDougall PN, Morley CJ. Therapeutic lung lavage in meconium aspiration syndrome: a preliminary report. *Journal of Paediatrics and Child Health*. 2007; **43**: 539-45.

Hoellering AB, Copnell B, Dargaville PA, Mills JF, Morley CJ, Tingay DG. Lung volume and cardiorespiratory changes during open and closed endotracheal suction in ventilated newborn infants. *Archives of Disease in Childhood Fetal and Neonatal Edition*. 2008; **93**: F436-41.

Kiraly NJ, Tingay DG, Mills JF, Morley CJ, Copnell B. Negative tracheal pressure during neonatal endotracheal suction. *Pediatric Research*. 2008; **64**: 29-33.

Dargaville PA, Copnell B, Tingay DG, Gordon MJ, Mills JF, Morley CJ. Refining the method of therapeutic lung lavage in meconium aspiration syndrome. *Neonatology*. 2008; **9**: 160-3.

Patel N, Mills JF, Cheung MMH. Use of the myocardial performance index to assess right ventricular function in infants with pulmonary hypertension. *Pediatric Cardiology*. 2009; **30**: 133-7.

Patel N, Mills JF, Cheung MMH. Assessment of right ventricular function using tissue Doppler imaging in infants with pulmonary hypertension. *Neonatology*. 2009; **96**: 193-9.

Copnell B, Dargaville P, Ryan E, Kiraly N, Chin L, Mills J, Tingay D. The effect of suction method, catheter size and suction pressure on lung volume changes during endotracheal suction in piglets. *Pediatric Research*. 2009; **66**: 405-10.

Copnell B, Tingay DG, Mills JF, Dargaville PA. Endotracheal suction techniques that effectively remove secretions do not preserve lung volume. *Australian Critical Care*. 2009; **22**: 61.

Kiraly NJ, Tingay DG, Mills JF, Morley CJ, Dargaville PA, Copnell B. The effects of closed endotracheal suction on ventilation during conventional and high frequency oscillatory ventilation. *Pediatric Research*. 2009; **66**: 400-4.

Pellicano A, Tingay DG, Mills JF, Fasoulakis S, Morley CJ, Dargaville PA. Comparison of four methods of lung volume recruitment during high frequency oscillatory ventilation. *Intensive Care Medicine*. 2009; **35**: 1990-8.

Kiraly NJ, Tingay DG, Mills JF, Dargaville PA, Copnell B. Volume not guaranteed; Closed endotracheal suction compromises ventilation in volume-targeted mode. *Neonatology*. 2011; **99**: 78-82.

Patel N, Dodsworth M, Mills JF. Cardiac output measurement in newborn infants using the ultrasonic cardiac output monitor: an assessment of agreement with conventional echocardiography, repeatability and new user experience. *Archives of Disease in Childhood Fetal and Neonatal Edition*. 2011; **96**: F206-F211.

Dargaville PA, Copnell B, Mills JF, Haron I, Lee JK, Tingay DG, Rohana J, Mildenhall LF, Jeng MJ, Narayanan A, Battin MR, Kuschel CA, Sadowsky JL, Patel H, Kilburn CJ, Carlin JB, Morley CJ; lessMAS Trial Study Group. Randomized controlled trial of lung lavage with dilute surfactant for meconium

aspiration syndrome. *Journal of Pediatrics*. 2011; **158**: 382-9.

Dargaville PA, Copnell B, Mills JF, Haron I, Lee JK, Tingay DG, Rohana J, Mildenhall LF, Jeng MJ, Narayanan A, Battin MR, Kuschel CA, Sadowsky JL, Patel H, Kilburn CJ, Carlin JB, Morley CJ; lessMAS Trial Study Group. Fluid recovery during lung lavage in meconium aspiration syndrome. *Acta Paediatrica* (2012); DOI: 10.1111/apa.12070.

Tingay DG, Mills JF, Morley CJ, Pellicano A, Dargaville PA. Indicators of optimum lung volume during high-frequency oscillatory ventilation in infants. *Critical Care Medicine*. 2013; **41**; 237-44.

Chow CW, Massie J, Ng J, Mills J, Baker M. Acinar dysplasia of the lungs: variation in the extent of involvement and clinical features. *Pathology*. 2013; **45**: 38-43.

Tingay DG, John J, Harcourt ER, Black D, Dargaville PA, Mills, Davis PG. Are all oscillators created equal? In vitro performance characteristics of eight high-frequency oscillators. *Neonatology*. 2015; **108**: 220-228.

Tingay DG, Kiraly N, Mills JF, Dargaville PA. Time to lung volume stability after pressure change during high-frequency oscillatory ventilation. *Critical Care Explorations*. 2021; **3**: e0432.