



# The 6<sup>th</sup> Congress of Asian Society for Pediatric Research & 51<sup>st</sup> Annual Meeting of Taiwan Pediatric Association

April 15-18, 2010 Taipei, Taiwan



## SANJAY PATOLE

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### CURRENT POSITION :

- ◆ Clinical Associate Professor and Senior Neonatologist:: Department of Neonatal Paediatrics

### EDUCATIONAL BACKGROUND :

- ◆ MBBS, MD, DCH, FRACP, DrPH, DCT

### RESEARCH INTERESTS :

- ◆ Prevention of feed intolerance and necrotising enterocolitis in preterm neonates
- ◆ Nutrition in preterm neonates
- ◆ Probiotics, Prebiotics, and Synbiotics
- ◆ Clinical trials and Systematic reviews

### PUBLISHED WORKS : (Selected publications over last 5 years)

- Harris E, Schulzke S, Patole S. Systematic review of pentoxifylline in preterm neonates. *In print* Pediatric Drugs.
- Holder GL, Doherty DA, Patole SK. Elective red cell transfusions and necrotising enterocolitis in previously well preterm neonates. *In print* Journal of Neonatal Perinatal Medicine, Sept 2009, 2 (3): 181-186.
- Rao S, Srinivasjois R, Patole S. Systematic review of prebiotic oligosaccharide for term neonates. Archives of Pediatrics and Adolescent Med Dec 2009 Aug; 163(8):755-64.
- Srinivasjois R, Rao S, Patole S. Systematic review of prebiotic oligosaccharide for preterm neonates. J Clinical nutrition 2009 Jun; 28(3):237-42.
- Simmer K, Patole S, Rao S. Longchain polyunsaturated fatty acid supplementation in term infants. Cochrane Database Syst Rev. 2008 Jan 23; (1):CD000376.
- Simmer K, Schulzke S, Patole SK. Longchain polyunsaturated fatty acid supplementation in preterm infants. Cochrane Database Syst Rev 2008 Jan 23; (1):CD000375.
- Patole SK. Prevention and treatment of necrotising enterocolitis in preterm neonates. Early Hum Dev Oct 2007; 83(13): 635-42 (*Invited review: Clinical Practice Guidelines*)
- Deshpande G, Rao S, Patole S. Probiotics for prevention of necrotising enterocolitis in preterm neonates with very low birth weight- A systematic review of randomised controlled trials. The Lancet May 2007; 369 (9573):1614-20.
- Schulzke SM, Rao S, Patole SK. A systematic review of cooling for neuroprotection in neonates with hypoxic ischemic encephalopathy - are we there yet? BMC Pediatr. 2007 Sep 5; 7:30.
- Schulzke S, Deshpande GC, Patole SK Neurodevelopmental outcome of very low birth weight infants with necrotizing enterocolitis - A systematic review of observational studies. Arch Pediatr Adolesc Med. 2007 Jun; 161(6):583-90.
- Schulzke S, Trachsel D, Patole S. Physical activity programs for promoting bone mineralization and growth in preterm infants. Cochrane Database Syst Rev. 2007 Apr 18; (2):CD005387.



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- Travadi J, Patole S, Thonell S, Simmer K. A survey of the current practice for neonatal gastrointestinal contrast studies in Australia. *Australasian Radiology* Aug 2007. 51(5): 437-9.
  - Travadi J, Patole S, Charles A, Doherty D, Dvorak B, Simmer K. Pentoxifylline reduces the incidence of necrotising enterocolitis in a neonatal rat model. *Ped Res* Aug 2006; 60 (2): 185-189
  - Patole SK, Kumaran VS, Travadi JN, Brooks JM, Doherty DA. Does patent ductus arteriosus affect feed tolerance in preterm neonates? *Arch Dis Child Fetal Neonatal Ed.* 2006 Jun 29; 2007 Jan; 92(1):F53-5. (Published ADC Online First)
  - Patole S. Association of H2 receptor blocker therapy with increased incidence of necrotising enterocolitis – A case of excessive collateral damage? *Pediatrics* Feb 2006; 117(2):531-2. (*Invited commentary*)
  - Raghavan K, Thomas E, Patole SK, Muller R. Is phototherapy a risk factor for ileus in high-risk neonates? *J Matern Fetal Neonatal Med.* 2005 Aug; 18(2):129-31.
  - Patole S. Strategies for prevention of feed intolerance in preterm neonates: A systematic review. *J Matern Fetal Neonatal Med.* 2005 Jul; 18(1):67-76.
  - Patole s, Rao S, Doherty D. Erythromycin as a prokinetic agent in preterm neonates - A systematic review. *Arch Dis Child Fetal Neonatal Ed.* *Arch Dis Child Fetal Neonatal Ed.* 2005 Jul; 90(4):F301-6.
  - Patole SK, Muller R. Does carboxymethylcellulose have a role in reducing time to full enteral feeds in preterm neonates? *Int J Clin Pract*, May 2005, 59(5): 544-548
  - Patole SK, de Klerk N. Impact of standardised feeding regimens on incidence of neonatal necrotising enterocolitis-a systematic review and meta analysis of observational studies. *Arch Dis Child Fetal Neonatal Ed.* 2005 Mar; 90(2):F147-51.
  - Patole SK. Prevention of Necrotizing Enterocolitis-Year 2004 and beyond. *J Matern Fetal Neonatal Med.* 2005 Jan; 17(1):69-80.
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