

Centre for Research Excellence (CRE) in Respiratory Health of Aboriginal and Torres Strait Islander Children

PUBLICATIONS 2013

Peer reviewed publications

- Anderson-James S, Marchant JM, Acworth JP, Turner C and Chang AB (2013). Inhaled corticosteroids for subacute cough in children. *Cochrane Database Syst Rev* 2: CD008888.
- Chang AB (2013). Specialty grand challenge - pediatric pulmonology. *Front Pediatr* 1: 14.
- Chang AB, Grimwood K, Wilson AC, van Asperen PP, Byrnes CA, O'Grady KA, Sloots TP, Robertson CF, Torzillo PJ, McCallum GB, Masters IB, Buntain HM, Mackay IM, Ungerer J, Tuppin J and Morris PS (2013). Bronchiectasis exacerbation study on azithromycin and amoxycillin-clavulanate for respiratory exacerbations in children (BEST-2): study protocol for a randomized controlled trial. *Trials* 14: 53.
- Chang AB, Ooi MH, Perera D and Grimwood K (2013). Improving the Diagnosis, Management, and Outcomes of Children with Pneumonia: Where are the Gaps? *Front Pediatr* 1: 29.
- Chang AB, Robertson CF, van Asperen PP, Glasgow NJ, Masters IB, Teoh L, Mellis CM, Landau LI, Marchant JM and Morris PS (2013). A cough algorithm for chronic cough in children: a multicenter, randomized controlled study. *Pediatrics* 131(5): e1576-1583.
- Drescher BJ, Chang AB, Phillips N, Acworth J, Marchant J, Sloots TP, David M and KA OG (2013). The development of chronic cough in children following presentation to a tertiary paediatric emergency department with acute respiratory illness: study protocol for a prospective cohort study. *BMC Pediatr* 13(1): 125.
- Dunne EM, Smith-Vaughan HC, Robins-Browne RM, Mulholland EK and Satzke C (2013). Nasopharyngeal microbial interactions in the era of pneumococcal conjugate vaccination. *Vaccine* 31(19): 2333-2342.
- Frakking TT, Chang AB, O'Grady KA, Walker-Smith K and Weir KA (2013). Cervical auscultation in the diagnosis of oropharyngeal aspiration in children: a study protocol for a randomised controlled trial. *Trials* 14: 377.
- Hare KM, Marsh RL, Binks MJ, Grimwood K, Pizzutto SJ, Leach AJ, Chang AB and Smith-Vaughan HC (2013). Quantitative PCR confirms culture as the gold standard for detection of lower airway infection by nontypeable *Haemophilus influenzae* in Australian Indigenous children with bronchiectasis. *J Microbiol Methods* 92(3): 270-272.
- Hare KM, Singleton RJ, Grimwood K, Valery PC, Cheng AC, Morris PS, Leach AJ, Smith-Vaughan HC, Chatfield M, Redding G, Reasonover AL, McCallum GB, Chikoyak L, McDonald MI, Brown N, Torzillo PJ and Chang AB (2013). Longitudinal nasopharyngeal carriage and antibiotic resistance of respiratory bacteria in indigenous Australian and alaska native children with bronchiectasis. *PLoS One* 8(8): e70478.
- Lai JY, Cook H, Yip TW, Berthelsen J, Gourley S, Krause V, Smith H, Leach AJ and Smith-Vaughan H (2013). Surveillance of pneumococcal serotype 1 carriage during an

outbreak of serotype 1 invasive pneumococcal disease in central Australia 2010-2012. *BMC Infect Dis* 13(1): 409.

Madhi SA, De Wals P, Grijalva CG, Grimwood K, Grossman R, Ishiwada N, Lee PI, Nascimento-Carvalho C, Nohynek H, O'Brien KL, Vergison A and Wolter J (2013). The burden of childhood pneumonia in the developed world: a review of the literature. *Pediatr Infect Dis J* 32(3): e119-127.

McCallum GB, Morris PS and Chang AB (2012). Antibiotics for persistent cough or wheeze following acute bronchiolitis in children. *Cochrane Database Syst Rev* 12: CD009834.

McCallum GB, Morris PS, Chatfield MD, MacLennan C, White AV, Sloots TP, Mackay IM and Chang AB (2013). A single dose of azithromycin does not improve clinical outcomes of children hospitalised with bronchiolitis: a randomised, placebo-controlled trial. *PLoS One* 8(9): e74316.

McCallum GB, Morris PS, Wilson CC, Versteegh LA, Ward LM, Chatfield MD and Chang AB (2013). Severity scoring systems: are they internally valid, reliable and predictive of oxygen use in children with acute bronchiolitis? *Pediatr Pulmonol* 48(8): 797-803.

McDonald EL, Bailie R and Michel T (2013). Development and trialling of a tool to support a systems approach to improve social determinants of health in rural and remote Australian communities: the healthy community assessment tool. *Int J Equity Health* 12(1): 15.

Medlin L (2012). Twinkle, twinkle little star. *Aboriginal Islander Health Worker J* 36(2): 6-7.

Morey MJ, Cheng AC, McCallum GB and Chang AB (2013). Accuracy of cough reporting by carers of Indigenous children. *J Paediatr Child Health* 49(3): E199-203.

Newcombe PA, Sheffield JK and Chang AB (2013). Parent cough-specific quality of life: development and validation of a short form. *J Allergy Clin Immunol* 131(4): 1069-1074.

O'Grady KA, Grimwood K, Cripps A, Mulholland EK, Morris P, Torzillo PJ, Wood N, Smith-Vaughan H, Revell A, Wilson A, Van Asperen P, Richmond P, Thornton R, Rablin S and Chang AB (2013). Does a 10-valent pneumococcal-Haemophilus influenzae protein D conjugate vaccine prevent respiratory exacerbations in children with recurrent protracted bacterial bronchitis, chronic suppurative lung disease and bronchiectasis: protocol for a randomised controlled trial. *Trials* 14(1): 282.

O'Grady KA, Whiley DM, Torzillo PJ, Sloots TP and Lambert SB (2013). Mailed versus frozen transport of nasal swabs for surveillance of respiratory bacteria in remote Indigenous communities in Australia. *BMC Infect Dis* 13: 543.

Petsky HL, Kynaston JA, McElrea M, Turner C, Isles A and Chang AB (2013). Cough and exhaled nitric oxide levels: what happens with exercise? *Front Pediatr* 1: 30.

Pizzutto SJ, Grimwood K, Bauert P, Schutz KL, Yerkovich ST, Upham JW and Chang AB (2013). Bronchoscopy contributes to the clinical management of indigenous children newly diagnosed with bronchiectasis. *Pediatr Pulmonol* 48(1): 67-73.

Swarnkar V, Abeyratne UR, Chang AB, Amrulloh YA, Setyati A and Triasih R (2013). Automatic identification of wet and dry cough in pediatric patients with respiratory diseases. *Ann Biomed Eng* 41(5): 1016-1028.

Valery PC, Morris PS, Byrnes CA, Grimwood K, Torzillo PJ, Bauert PA, Masters IB, Diaz A, McCallum GB, Mobberley C, Tjhung I, Hare KM, Ware RS and Chang AB (2013). Long-term azithromycin for Indigenous children with non-cystic-fibrosis bronchiectasis or

chronic suppurative lung disease (Bronchiectasis Intervention Study): a multicentre, double-blind, randomised controlled trial. *Lancet Respir Med* 1(8): 610-620.

Wurzel DF, Marchant JM, Clark JE, Mackay IM, Wang CY, Sloots TP, Upham JW, Yerkovich ST, Masters IB, Baker PJ, Anderson-James S and Chang AB (2013). Respiratory virus detection in nasopharyngeal aspirate versus bronchoalveolar lavage is dependent on virus type in children with chronic respiratory symptoms. *J Clin Virol* 58(4): 683-688.

Reports

Hardie-Boys N, Carter M, Barnes C, Matheson D, McDonald EL and Davies P (2013). Evaluation of the Northern Territory Continuous Quality Improvement (CQI) Investment Strategy. Canberra, Department of Health.

McDonald EL (2013). Evaluation of implementation of best practice models of care based on the updated Recommendations for Clinical Care Guidelines on the Management of Otitis Media in Aboriginal and Torres Strait Islander Populations, Australian Medicare Local Alliance.

