

## Paediatric Journal Watch March 2006

The Paediatric Journal Watch is a review of paediatric titles from the following journals

### Journal range:

Acta Paediatrica  
Annals of Pharmacotherapy  
American Journal of Health Systems Pharmacy  
Archives of Disease in Childhood (including the Fetal and Neonatal edition)  
British Journal of Intensive Care  
British Medical Journal  
Care of the Critically Ill  
Drug and Therapeutics Bulletin  
Drug and Therapy Perspectives  
Journal of Pediatric Pharmacy Practice  
Journal of Pediatrics  
The Lancet  
MeReC Bulletin  
New England Journal of Medicine  
Pediatrics  
Pediatric Critical Care Medicine  
Pediatric Drugs  
Pediatrics Today  
Paediatric and Perinatal Drug Therapy  
Pharmacy in Practice  
Prescriber  
Prescribers Journal

### Editors:

Susan Wileman Medicines Information Technician, Royal Liverpool Children's Hospital.  
Updated Monthly.

## Clinical

### BLOOD AND LYMPHATIC SYSTEM

### CARDIOVASCULAR SYSTEM

- (1) Influence of IV sildenafil on cerebral oxygenation measured by near-infrared spectroscopy in infants after cardiac surgery  
Pediatr Res Mar 2006; 59(3): 432-465
- (2) Cardiac effects of a single course of antenatal betamethasone in preterm infants  
Arch. Dis. Child – Feta and Neonatal Ed 2006; 91: F118-F122
- (3) Avoiding transfusions in children undergoing cardiac surgery: A meta-analysis of randomized trials of aprotinin  
Anesth Analg 2006; 102: 731-737
- (4) Sildenafil as treatment for human immunodeficiency virus-related pulmonary hypertension in a child  
Journal of Paediatrics & Child Health Mar 2006; 42(3):147

## **DERMATOLOGY**

### **ENDOCRINE SYSTEM**

- (1) Mini-dose glucagon rescue for mild hypoglycaemia in children with type 1 diabetes: The Brisbane experience  
Journal of Paediatrics & Child Health Mar 2006; 42(3): 108
- (2) Randomized placebo controlled trial of metformin for adolescents with polycystic ovary syndrome  
Arch. Pediatr. Adolesc Med 2006; 160(3): 241 -246

### **EAR, NOSE AND THROAT**

- (1) Pneumococcal capsular polysaccharides conjugated to protein D for prevention of acute otitis media caused by both streptococcus pneumoniae and non-typable, haemophilus influenzae: a randomised double-blind efficacy study  
The Lancet Mar 2006; 367(9512): 740-748
- (2) Effect of combined pneumococcal conjugate and polysaccharide vaccination on recurrent otitis media with effusion  
Pediatrics Mar 06; 117(3): 603-608

### **FOETUS AND NEONATE**

- (1) A randomised, double-blind, placebo controlled trial of the effect of theophylline in prevention of vasomotor nephropathy in very preterm neonates with respiratory distress syndrome  
Arch. Dis. Child. Fetal Neonatal Ed 2006; 91: F80-F84
- (2) Cardiac effects of a single course of antenatal betamethasone in preterm infants  
Arch. Dis. Child. Fetal Neonatal Ed 2006; 91: F118-F122
- (3) More and earlier surfactant for preterm infants  
Arch. Dis. Child. Fetal Neonatal Ed 2006; 91: F125-F126
- (4) Neonatal effects of exposure to selective serotonin reuptake inhibitors during pregnancy  
Arch. Dis. Child. Fetal Neonatal Ed 2006; 91:F153
- (5) Morphine and topical tetracaine help neonates face the pain  
Paediatrics Today Mar 2006 No.87

### **GASTRO-INTESTINAL SYSTEM**

- (1) Isotonic is better than hypotonic saline for intravenous rehydration of children with gastroenteritis: a prospective randomised study.  
Archives of Disease in Childhood 2006; 91: 226-232
- (2) Treatment of active crohn's disease in children using partial enteral nutrition with liquid formula. A randomised controlled trial.  
Gut 2006; 55:356-361
- (3) Outpatient PEG 3350 eases paed's constipation burden  
Paediatrics Today Mar 2006; No. 87
- (4) Tap-water enema for children with myelomeningocele and neurogenic bowel dysfunction  
Acta Paediatrica Mar 2006; 95(3): 369-374

### **GENITOURINARY TRACT**

- (1) Clinical Significance of Primary Vesicoureteral Reflux and Urinary Antibiotic Prophylaxis After Acute Pyelonephritis: A Multicenter, Randomized, Controlled Study  
Pediatrics Mar 2006; 117 (3): 626-632
- (2) Vascular endothelial growth factor in children with nephritic syndrome treated with cyclosporin A  
Acta Paediatrica Mar 2006; 95(3):291-296

## **HEPATIC**

### **IMMUNOLOGY**

- (1) Long-term experience with combination anti-retroviral therapy that contains nelfinavir for up to 7 years in a pediatric cohort.  
Pediatrics 2006; 115:812-815

### **INFECTION**

- (1) Severe and protracted hypoglycaemia associated with co-trimoxazole use  
The Lancet Infectious Diseases 2006; 6:178-182
- (2) Parenteral penicillin for children with meningococcal disease before hospital admission: Case-control study  
BMJ published early online 24/3/06
- (3) Does Antibiotic Exposure During Infancy Lead to Development of Asthma?: A Systematic Review and Met analysis  
Chest 2006 129: 610-618
- (4) Oral Amphotericin B for the prevention of candida bloodstream infection in critically ill children  
Pediatr Crit Care Med 2006; 7(2): 115-118

## **METABOLIC**

### **MUSCULOSKELETAL SYSTEM**

- (1) Osteogenesis imperfecta: Anthropometric, skeletal and mineral metabolic effects of long-term intravenous pamidronate therapy  
Act Paediatr Mar 2006; 95(3): 332-339

## **NEOPLASMS**

### **NEUROLOGY**

- (1) Experience with Gabapentin for neuropathic pain in adolescents: report of 5 cases  
Paediatr Anaesth Mar 2006; 16(3): 325-329

## **NUTRITION AND METABOLISM**

### **OPHTHALMOLOGY**

### **PSYCHOLOGY AND PSYCHIATRY**

- (1) Long-term safety and efficacy of Risperidone in children with disruptive behaviour disorders. Results of a 2-year extension study.  
Eur. Child. Adolesc. Psychiatry Mar 2006; 15(2): 97-104

### **RESPIRATORY TRACT**

- (1) A randomised, double-blind placebo controlled trial of the effect of theophylline in prevention of vasomotor nephropathy in very preterm neonates with respiratory distress syndrome  
Archives of Disease in Childhood- Fetal and Neonatal Ed 2006; 91: F80-F84
- (2) Fluticasone beats montelukast in asthma  
Paediatrics Today Mar 2006; No 87

## Practice topics

### DRUG ADMINISTRATION

- (1) Continuous Epidural block versus continuous popliteal nerve block for postoperative pain relief after major pediatric surgery in children: A prospective; comparative randomized study  
Anesth Analg 2006; 102: 744-749

### EDUCATION AND TRAINING

### ENVIRONMENT, PUBLIC HEALTH AND TOXICOLOGY

- (1) Influenza vax cost effective in 2-5 year olds  
Paediatrics Today Mar 2006 No. 87
- (2) Inhaled Tobramycin-associated hearing loss in an adolescent with renal failure.  
Pediatric Infectious Disease Journal Mar 2006; 25(3): 276-278

### HEALTH CARE SERVICES

### PHARMACEUTICAL SCIENCES

### PHARMACY AND MEDICAL PRACTICE

- (1) Prophylaxis with acetaminophen or ibuprofen for prevention of local reaction to the fifth diphtheria-tetanus toxoids-acellular pertussis vaccination: A randomized, controlled trial.  
Pediatrics 2006; 117: 620-625
- (2) Pharmacokinetics and Pharmacodynamics of a 0.1mg/kg dose of cisatracurium besylate in children during N2O/O2 Propofol anesthesia  
Anesth Analg 2006; 102: 738-743
- (3) The NSF for children aims to improve service delivery  
Pharmacy in Practice Mar 2006; 16(2):56-59
- (4) Dopamine is not an independent risk factor for reduced amikacin clearance in extremely low-birth-weight infants  
Pediatr. Crit Care Med 2006; 7(2): 143-146