

Paediatric Journal Watch, September 2002

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
Critical Care Medicine
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 Drugs
Pediatrics Today
Paediatric and Perinatal Drug Therapy
Pharmacy in Practice
Prescriber
Prescribers Journal

Editors:

Anita Aindow, Senior Pharmacist Medicines information, Royal Liverpool Children's Hospital.
Updated Monthly.

Clinical

BLOOD AND LYMPHATIC SYSTEM

(1) Prophylactic granulocyte colony-stimulating factor in the critically ill: carefully balancing the benefits and risks
Crit Care Med, 2002; 30(9): 2162

CARDIOVASCULAR SYSTEM

(1) Erythromelalgia: an endothelial disorder responsive to sodium nitroprusside
ADCH, 2002; 87: 229-230
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/229.pdf>

DERMATOLOGY

(1) Infantile hemangioma: clinical resolution with 5% imiquimod cream.
Arch Dermatol, 2002; 138: 881-884

ENDOCRINE SYSTEM

- (1) Insulin glargine: a new basal insulin
Ann Pharmacother, 2002; 36: 1019-1027
<http://www.theannals.com/>

EAR, NOSE AND THROAT

FOETUS AND NEONATE

GASTRO-INTESTINAL SYSTEM

- (1) Oral beclometasone dipropionate in the treatment of active ulcerative colitis: a double-blind placebo-controlled study
Alimentary Pharmacology and Therapeutics, 2002; 16: 1109-1116
- (2) Tegaserod relieves global symptoms of irritable bowel syndrome
Inpharma, 10 Aug 2002; 1350: 13-14
- (3) Dose response of PEG 3350 for the treatment of childhood faecal impaction
J Pediatrics, 2002; 141(3): 410-414

GENITOURINARY TRACT

HEPATIC

IMMUNOLOGY

- (1) Treatment with cyclosporin A in a patient with Omenn's syndrome
ADCH, 2002; 87: 231-234
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/231.pdf>
- (2) A randomised trial demonstrating successful boosting responses following simultaneous aerosols of measles and rubella vaccines in school age children
Vaccine, 2002; 20: 2790-2795
- (3) **Pneumococcal conjugate vaccine – a review of its use in the prevention of Strep pneumoniae infection**
Paediatr Drugs, 2002; 4(9): 609-630
- (4) **Conjugated heptavalent pneumococcal vaccine**
Ann Pharmacother, 2002; 36: 1403-1413
<http://www.theannals.com/>
- (5) **Improved efficacy of basiliximab over ALG induction therapy in paediatric renal transplantation**
Nephrology Dialysis Transplantation, 2002; 17: 1304-1309
- (6) **Induction and maintenance of clinical remission by interferon-B in patients with steroid-refractory active ulcerative colitis – an open long-term pilot trial**
Alimen Pharmacol and Therapeutics, 2002; 16: 1233-1239
- (7) **Daclizumab had a definite role in preventing acute rejection in renal transplants and may be beneficial in other solid organ transplants**
Drug and Therapy Perspectives, 2002; 18(9): 1-4

INFECTION

- (1) Empiric carbapenem monotherapy in pediatric BMT recipients
Ann Pharmacother, Sep 2002; 36(9): 1360-65
<http://www.theannals.com/>
- (2) The role of protease inhibitor therapy in children with HIV infection
Paediatr Drugs, 2002; 4(9): 581-607
- (3) Practice guidelines for the diagnosis and management of Group A streptococcal pharyngitis
Clinical Infectious Diseases, 2002; 35: 113-125

- (4) Ciprofloxacin plus piperacillin compared with tobramycin plus piperacillin as empirical therapy in febrile neutropenic patients: a randomised, double-blind trial
Annals of Internal Medicine, 2002; 137: 77-86
- (5) Fever, neutropenia and the second law of thermodynamics
Annals of Internal Medicine, 2002; 137: 123-124
- (6) Recombinant human activated protein C for use in severe sepsis
Ann Pharmacother, 2002; 36: 1424-1429
<http://www.theannals.com/>
- (7) Combination of quinupristin/dalfopristin and glycopeptide in severe methicillin-resistant staph infections failing previous glycopeptide regimens
Infection, 2002; 30: 161-163
- (8) Aerosolised ceftazidime for prevention of ventilator-associated pneumonia and drug effects on the proinflammatory response in critically ill trauma patients
Pharmacotherapy, 2002; 22: 972-982
- (9) Quinupristin/dalfopristin and linezolid have important roles in the treatment of infections due to vancomycin-resistant enterococci
Drug and Therapy Perspectives, 2002; 18(9): 14-17
- (10) Clinical efficacy of 3 days versus 5 days of oral amoxicillin for treatment of childhood pneumonia: a multicentre double-blind trial
Lancet, Sep 2002; 360: 835-841
http://pdf.thelancet.com/pdfdownload?uid=llan.360.9336.original_research.22438.1&x=x.pdf
- (11) Long term azithromycin in children with cystic fibrosis: a randomised, placebo-controlled crossover trial
Lancet, 2002; 360: 978-984
http://pdf.thelancet.com/pdfdownload?uid=llan.360.9338.original_research.22577.1&x=x.pdf

METABOLIC

MUSCULOSKELETAL SYSTEM

NEOPLASMS

- (1) Controversies and advances in the management of Wilms tumour
ADCH, 2002; 87: 241-244
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/241.pdf>

NEUROLOGY

- (1) Discontinuing anticonvulsant medication in children
ADCH, 2002; 87: 259-260
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/259.pdf>
- (2) Is melatonin likely to help children with neurodevelopmental delay and chronic, severe sleep problems
ADCH, 2002; 87: 260
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/259.pdf>
- (3) Routine sucrose analgesia during the first week of life in neonates younger than 31 weeks postconceptional age
Pediatrics, Sep 2002; 110(2): 523-528
<http://www.pediatrics.org/cgi/reprint/110/3/523.pdf>
- (3) Intrathecal morphine after cardiac surgery
Ann Pharmacother, Sep 2002; 36(9): 1337-1343
<http://www.theannals.com/>
- (4) Combination spinal analgesic chemotherapy – a systematic review
Anesth Analg, 2002; 95: 674-715
- (5) The use of magnesium sulphate to prevent pain on injection of propofol
Anesth Analg, 2002; 95: 606-608
- (6) Intrathecal magnesium prolongs fentanyl analgesia: a prospective randomised controlled trial

- Anesth Analg, 2002; 95: 661-666
(7) The influence of parecoxib, a parenteral COX-2 specific inhibitor on the pharmacokinetics and clinical effects of midazolam
Anesth Analg, 2002; 95: 667-673
(8) Topiramate therapeutic monitoring in patients with epilepsy: effect of concomitant antiepileptic drugs
Therapeutic Drug Monitoring, 2002; 24: 332-337

NUTRITION AND METABOLISM

- (1) Glutamine supplementation in serious illness: a systematic review of the evidence
Crit Care Med, 2002; 30(9): 2022-29
(2) Parenteral L-alanyl-L-glutamine improves 6-month outcome in critically ill patients
Crit Care Med, 2002; 30(9): 2032-2037
(3) Glutamine supplementation in critically ill and elective surgical patients: does the evidence warrant its use?
Crit Care Med, 2002; 30(9): 2152

OPHTHALMOLOGY

- (1) Systemic effects of ocular drugs
ADR Bulletin, Aug 2002; 215: 823-826

POISONING

PSYCHOLOGY AND PSYCHIATRY

- (1) Long term safety and efficacy of risperidone for the treatment of disruptive behaviour disorders in children with subaverage IQs
Pediatrics, Sep 2002; 110(2): e34
<http://www.pediatrics.org/cgi/reprint/110/3/e34.pdf>
(2) Effects of risperidone on conduct and disruptive behaviour disorders in children with subaverage IQs
J Am Acad Child Adolesc Psychiatry, 2002; 41(9): 1026-1036
(3) Sertraline pharmacokinetics and dynamics in adolescents
J Am Acad Child Adolesc Psychiatry, 2002; 41(9): 1037-1044
(4) Adolescent depression
NEJM, 2002; 347: 667-671

RESPIRATORY TRACT

- (1) Nebulised morphine as a treatment for dyspnoea in a child with cystic fibrosis
Pediatrics, Sep 2002; 110(2): e38
<http://www.pediatrics.org/cgi/reprint/110/3/e38.pdf>
(2) Seretide and Symbicort in asthma management
DTB, 2002; 40(8): 62-64

Practice topics

DRUG ADMINISTRATION

- (1) Pharmacodynamics of high-dose methotrexate in pediatric patients
Ann Pharmacother, Sep 2002; 36(9): 1344-50
<http://www.theannals.com/>

EDUCATION AND TRAINING

ENVIRONMENT, PUBLIC HEALTH AND TOXICOLOGY

- (1) Respiratory depression in the acute management of seizures
ADCH, 2002; 87: 225-226
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/225.pdf>
- (2) Hospital admissions resulting from preventable ADRs
Ann Pharmacother, Sep 2002; 36(9): 1331-36
<http://www.pediatrics.org/cgi/reprint/110/3/553.pdf>
- (3) LMWH and thrombocytosis
Ann Pharmacother, Sep 2002; 36(9): 1351-54
<http://www.theannals.com/>
- (4) Propofol infusion syndrome in critically ill patients
Ann Pharmacother, 2002; 36: 1453-1456
<http://www.theannals.com/>
- (5) Topiramate and metabolic acidosis in infants and toddlers
Epilepsia, 2002; 43: 744-747
- (6) Clinicians must remain alert for interactions between herbal medicines and prescribed drugs
Drugs and Therapy Perspectives, 2002; 18(9): 17-21

HEALTH CARE SERVICES

PHARMACEUTICAL SCIENCES

PHARMACY AND MEDICAL PRACTICE

- (1) Towards evidence based medicine for paediatricians
ADCH, 2002; 87: 258-262
<http://adc.bmjournals.com/cgi/reprint/archdischild%3b87/3/258.pdf>
- (2) Ontogeny of hepatic and renal systemic clearance pathways in infants. Part 1
Clinical Pharmacokinetics, 2002; 41: 959-998