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Books can be searched for using SWIMS our online catalogue at www.swims.nhs.uk. Books and journals that are not available on site or electronically may be requested from other locations. Please email requests to: thomas.osborne@uhbristol.nhs.uk
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# Tables of Contents from Paediatrics journals

If you require full articles please email me @ Thomas.Osborne@UHBristol.nhs.uk

**Archives of Disease of Childhood** February 2015, Volume 100, Issue 2

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Assessing Parenting Behaviors to Improve Child Outcomes
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Addressing Social Determinants of Health at Well Child Care Visits: A Cluster RCT
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Morphine or Ibuprofen for Post-Tonsillectomy Analgesia: A Randomized Trial
Lauren E. Kelly,
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Diagnosing Significant PDA Using Natriuretic Peptides in Preterm Neonates: A Systematic Review
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Recognizing the Importance of the Social Determinates of Health
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Quality Improvement Initiative to Increase Influenza Vaccination in Pediatric Cancer Patients
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The Recommendation To Not Use Bronchodilators Is Not Supported by the Evidence
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Clinical Report: Guidance for the Clinician in Rendering Pediatric Care: Promoting Optimal Development: Screening for Behavioral and Emotional Problems
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Policy Statement: Recommended Childhood and Adolescent Immunization Schedule—United States, 2015
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Policy Statement: AAP Publications Reaffirmed or Retired
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Current Opinion in Pediatrics  February - Volume 27 - Issue 1 pp: v-viii, 1-144
Introduction and overview to issue on new developments in pediatric hematology/oncology

Local control of metastatic sarcoma

Advances in unrelated and alternative donor hematopoietic cell transplantation for nonmalignant disorders

New developments in pediatric venous thromboembolism and anticoagulation, including the target-specific oral anticoagulants

Neurofibromatosis-related tumors: emerging biology and therapies

Translating genomic discoveries to the clinic in pediatric oncology

Update on biology and treatment of T-cell acute lymphoblastic leukaemia

The tibial eminence fracture in skeletally immature patients

Medial epicondyle fractures in children

Foot deformities in children with cerebral palsy

Considerations and intervention in congenital muscular torticollis

Surgical options for anterior cruciate ligament reconstruction in the young child

Pelvic inflammatory disease in the adolescent: a poignant, perplexing, potentially preventable problem for patients and physicians

Update on persistent symptoms associated with Lyme disease
Developments in understanding acquired immunity and innate susceptibility to norovirus and rotavirus gastroenteritis in children

Importance of viruses in acute otitis media

Controlling acute rheumatic fever and rheumatic heart disease in developing countries: are we getting closer?

The contribution of extended-spectrum β-lactamases to multidrug-resistant infections in children

Health risk behaviors in adolescents and young adults with special health care needs

Current Opinion on Critical Care  February 2015 - Volume 21 - Issue 1

Editorial introductions

Noninvasive ventilation for acute respiratory failure

Hypercapnia: clinical relevance and mechanisms of action

Extracorporeal life support for severe acute respiratory distress syndrome

Novel approaches to minimize ventilator-induced lung injury

Balancing neuromuscular blockade versus preserved muscle activity

Monitoring and preventing diaphragm injury

Stem cells for respiratory failure

Selecting the ‘right’ positive end-expiratory pressure level

Neurally adjusted ventilatory assist

How to ventilate patients without acute respiratory distress syndrome?

Discontinuation of ventilatory support: new solutions to old dilemmas

Prevention of acute respiratory distress syndrome
PCCM 2014: Extracorporeal Support and More
Care of the Child With Ebola Virus Disease*

Bacteremia and Pneumonia in a Tertiary PICU: An 11-Year Study

Low Thiamine Levels in Children With Type 1 Diabetes and Diabetic Ketoacidosis: A Pilot Study

A Multicenter Outcomes Analysis of Children With Severe Rhino/Enteroviral Respiratory Infection*

Comparison Between Noninvasive Mechanical Ventilation and Standard Oxygen Therapy in Children Up to 3 Years Old With Respiratory Failure After Extubation: A Pilot Prospective...

Retention of Pediatric Resuscitation Performance After a Simulation-Based Mastery Learning Session: A Multicenter Randomized Trial

Evaluation of the Relationship Between Plasma Transfusion and Nosocomial Infection After Cardiac Surgery in Children Younger Than 1 Year*

Association of Left Ventricular Systolic Function and Vasopressor Support With Survival Following Pediatric Out-of-Hospital Cardiac Arrest*

Unplanned Admissions to a Pediatric Cardiac Critical Care Unit: A Review of 2 Years’ Experience

Association of Bleeding and Thrombosis With Outcome in Extracorporeal Life Support*

A Place at the Table for Children in the Ebola Virus Disease Discussion*

Rhino/Enteroviral Infections in the PICU: The Uncertainty of Diagnosis and Interpretation of Clinical Significance*

Primum Non Nocere*

The Clinical Relevance of Pediatric Post–Cardiac Arrest Myocardial Dysfunction and Hemodynamic Instability*

Extracorporeal Membrane Oxygenation, Dialysis, and Mortality: Let’s Agree to Agree*

Complications During Extracorporeal Membrane Oxygenation: Why Collaboration Is Key*

Opioid and Benzodiazepine Withdrawal Syndrome: Can We Predict and Prevent It?*

Pediatric Burn Injury in Iraq and Afghanistan*
Determination of the 95% effective dose of remifentanil for the prevention of coughing during extubation in children undergoing tonsillectomy (with or without adenoidectomy)
Normothermic CPB for pediatric cardiac surgery, not ready for prime time (pages 111–112)
Cardiac output assessment in children: playing catch-up (pages 113–114)
Clinical utility of B-type natriuretic peptide (NP) in pediatric cardiac surgery – a systematic review (pages 115–126)
Anesthesia and the pediatric cardiac catheterization suite: a review (pages 127–134)
Systematic Review and Meta-Analysis of benefits and risks between normothermia and hypothermia during cardiopulmonary bypass in pediatric cardiac surgery (pages 135–142)
Pressure recording analytical method and bioreactance for stroke volume index monitoring during pediatric cardiac surgery (pages 143–149)
Continuous noninvasive cardiac output in children: is this the next generation of operating room monitors?
Initial experience in 402 pediatric patients (pages 150–159)
Noninvasive cardiac output measurement using bioreactance in postoperative pediatric patients (pages 160–166)
Noninvasive cardiac output monitoring using bioreactance-based technique in pediatric patients with or without ventricular septal defect during anesthesia: in comparison with echocardiography (pages 167–173)
Comparison of actual oxygen delivery kinetics to those predicted by mathematical modeling following stage 1 palliation just prior to superior cavopulmonary anastomosis (pages 174–179)
Sevoflurane anesthesia and brain perfusion (pages 180–185)
Neurosurgical conditions and procedures in infancy are associated with mortality and academic performances in adolescence: a nationwide cohort study (pages 186–192)
Intraoperative apnea in children after buffered 5% povidone-iodine site sterilization for strabismus surgery (pages 193–195)
Blood transfusion in patients treated with surgery for necrotizing enterocolitis (pages 196–199)
Electroencephalography for children with autistic spectrum disorder: a sedation protocol (pages 200–205)
Lumbar punctures in thrombocytopenic children with cancer (pages 206–210)
Development of an optimal sampling schedule for children receiving ketamine for short-term procedural sedation and analgesia (pages 211–216)
Comparing intubation performance of Bonfils fiberscope and fiberoptic bronchoscope in difficult pediatric airways (page 217)
Response to Dr. Murphy and Dr. Ferguson regarding comment on our paper: retrospective evaluation of antimicrobial prophylaxis in prevention of surgical site infection in the pediatric population (page 218)
We can’t tell emergence agitation from pain, yet. Reply to: Stucke and Weisman ‘Can we tell emergence agitation from pain?’ (pages 218–220)
Double-lumen central venous catheter for pediatric airway management in laryngeal papillomatosis: an old technique reborn? (page 220)
New NICE Guidance

Gastro-oesophageal reflux disease: recognition, diagnosis and management in children and young people (NG1) January 2015

Antibiotics for neonatal infection (QS75) December 2014

In development

- Bipolar disorder, psychosis and schizophrenia in children and young people (GID-QSD102), October 2015 Quality standards
- Bronchiolitis in children (GID-CGWAVE136), May 2015 NICE guidelines
- Child abuse and neglect, (GID-SCWave0708), TBC NICE guidelines
- Children’s attachment (GID-CGWAVE0675), October 2015 NICE guidelines
- Depression in children and young people (update), (GID-CGWAVE0731), March 2015 NICE guidelines
- Diabetes in children and young people (GID-CGWAVE118)
  - Guideline consultation in progress 10 December 2014 - 04 March 2015, August 2015 NICE guidelines
- End of life care for infants, children and young people (GID-CGWAVE0730), TBC NICE guidelines
- Excess winter deaths and illnesses, (GID-PHG70), March 2015 NICE guidelines
- Extra corporeal membrane oxygenation for acute heart failure in children, (GID-IP1153), TBC Interventional procedures
- Gastrooesophageal reflux in children (GID-QSD117), January 2016 Quality standards
- Harmful sexual behaviour among children and young people (GID-PHG66), September 2016 NICE guidelines
- Hypophosphatasia (paediatric-onset) - asfotase alfa [ID758], (GID-HYPOPHOSPHATASIAASFOTASEALFAID758), October 2015
- Intravenous fluids therapy in children (GID-CGWAVE0655), October 2015 NICE guidelines
- Kidney transplantation (children, adolescents) - immunosuppressive regimens (review of TA99) [ID346], (GID-TAG255), January 2016 Technology appraisal
- Maternal and child nutrition - improving nutritional status (GID-QSD104), July 2015 Quality standards
- Obesity - prevention and lifestyle weight management in children (GID-QSD80), July 2015 Quality standards
- School based interventions to prevent smoking (partial update), (GID-PHG81), TBC NICE guidelines
- Social and emotional wellbeing in primary and secondary education (update), (GID-PHG82), TBC NICE guidelines
Latest relevant Systematic Reviews from the Cochrane Library

If you require full articles, or a more enhanced search of any of the below topics please email me @ Thomas.Osborne@UHBristol.nhs.uk

Homeopathic Oscillococcinum® for preventing and treating influenza and influenza-like illness
Robert T Mathie, Joyce Frye and Peter Fisher

Pneumococcal vaccination during pregnancy for preventing infant infection
Surasith Chaithongwongwatthana, Waralak Yamasmit, Sompop Limponsanurak, Pisake Lumbiganon and Jorge E Tolosa

Procalcitonin, C-reactive protein, and erythrocyte sedimentation rate for the diagnosis of acute pyelonephritis in children
Nader Shaikh, Jessica L Borrell, Josh Evron and Mariska MG Leeflang

House dust mite reduction and avoidance measures for treating eczema
Helen Nankervis, Emma V Pynn, Robert J Boyle, Lesley Rushton, Hywel C Williams, Deanne M Hewson and Thomas Platts-Mills

Vitamin K supplementation for cystic fibrosis
Vanitha A Jagannath, Zbys Fedorowicz, Vidhu Thaker and Anne B Chang

Adjunctive hyperbaric oxygen for necrotizing fasciitis
Denny Levett, Michael H Bennett and Ian Millar

Intermittent preventive antimalarial treatment for children with anaemia
Mwaka Athuman, Abdunoor M Kabanywanyi and Anke C Rohwer

Ultrasound guidance versus anatomical landmarks for internal jugular vein catheterization
Patrick Brass, Martin Hellmich, Laurentius Kolodziej, Guido Schick and Andrew F Smith

Antibiotics for community-acquired lower respiratory tract infections secondary to Mycoplasma pneumoniae in children
Samantha J Gardiner, John B Gavranich and Anne B Chang

Parent-infant psychotherapy for improving parental and infant mental health
Jane Barlow, Cathy Bennett, Nick Midgley, Soili K Larkin and Yinghui Wei

Continuous positive airway pressure (CPAP) for acute bronchiolitis in children
Kana R Jat and Joseph L Mathew

Alpha-2 agonists for long-term sedation during mechanical ventilation in critically ill patients
Ken Chen, Zhijun Lu, Yi Chun Xin, Yong Cai, Yi Chen and Shu Ming Pan
Minimally invasive surgery versus open surgery for the treatment of solid abdominal and thoracic neoplasms in children
Elvira C van Dalen, Manou S de Lijster, Lieve GJ Leijssen, Erna MC Michiels, Leontien CM Kremer, Huib N Caron and Daniel C Aronson

Chemotherapy for children with medulloblastoma
Erna MC Michiels, Antoinette YN Schouten-Van Meeteren, François Doz, Geert O Janssens and Elvira C van Dalen

NHS Behind the Headlines

Sugary soft drinks linked to earlier periods in girls

Wednesday Jan 28 2015

"Sugary drinks may cause menstruation to start earlier, study suggests," The Guardian reports. A US study found that girls drinking more than one and a half drinks a day had their period around three months earlier than girls drinking two or less a week

Napping 'key' to babies' memory and learning

Tuesday Jan 13 2015

"The key to learning and memory in early life is a lengthy nap, say scientists," BBC News reports. The scientists were interested in babies' abilities to remember activities and events. They carried out a study…

How 'baby talk' may give infants a cognitive boost

Friday Jan 9 2015

"Say 'mama'! Talking to babies boosts their ability to make friends and learn," the Mail Online reports. In a review, two American psychologists argue that even very young infants respond to speech, and that "baby talk" is essential for their development…

New activity in Uptodate/DynaMed
Bronchodilators not routinely recommended for bronchiolitis in infants and children (January 2015)

In November 2014, the American Academy of Pediatrics released updated guidelines for the diagnosis, management, and prevention of bronchiolitis [1]. The 2014 guideline recommends against the administration of inhaled albuterol or epinephrine in the treatment of bronchiolitis; the previous guideline (2006) included a trial of bronchodilators as an option. We agree that bronchodilators should not be used routinely in the treatment of bronchiolitis and no longer suggest a trial of bronchodilators. Although bronchodilators may provide modest short-term clinical improvement, they do not affect overall outcome, may have adverse effects, and increase the cost of care.

While we no longer routinely suggest inhaled bronchodilators for infants and children with bronchiolitis, a one-time trial of inhaled bronchodilators may be warranted for infants and children with bronchiolitis and severe disease (eg, nasal flaring; retractions; grunting; respiratory rate >70 breaths per minute; dyspnea; or cyanosis) or respiratory failure. (See "Bronchiolitis in infants and children: Treatment; outcome; and prevention", section on 'Inhaled bronchodilators'.)

No association between HPV vaccination and multiple sclerosis (January 2015)

Although anecdotal and sporadic case reports had fueled concerns about a potential causal relationship between human papillomavirus (HPV) vaccination and development of multiple sclerosis and other demyelinating disorders, larger studies have refuted this. In a study of nearly four million Swedish and Danish females aged 10 to 44 years, receipt of the quadrivalent HPV vaccine was not associated with demyelinating diseases, including multiple sclerosis, optic neuritis, transverse myelitis, and acute disseminated encephalomyelitis [37]. This study adds to the abundance of data demonstrating the overall safety of HPV vaccination. (See "Recommendations for the use of human papillomavirus vaccines", section on 'Postlicensure data'.)

Rapid nucleic acid amplification test for seasonal influenza (January 2015)

A rapid nucleic acid amplification test for influenza, the Alere i influenza A & B test, is available in several countries in Europe. In January 2015, the US Food and Drug Administration allowed use of the test in non-traditional laboratory sites, including physicians' offices, emergency rooms, health department clinics, and other healthcare facilities [38]. This test uses a nasal swab sample and provides results (reports influenza A or B, but not subtypes) in as few as 15 minutes. It is performed on a small proprietary machine. Nucleic acid amplification tests are generally more sensitive than antigen and immunofluorescence techniques, which most other rapid influenza tests utilize. (See "Diagnosis of seasonal influenza in adults", section on 'Nucleic acid tests'.)
hypoparathyroidism to control hypocalcemia (FDA Press Release 2015 Jan 23)

International Quality Improvement Collaborative for Congenital Heart Surgery in Developing World Countries report on reducing mortality and infections after congenital heart surgery (Pediatrics 2014 Nov)

Congenital heart disease

evolocumab may reduce LDL cholesterol in adults and adolescents with homozygous familial hypercholesterolemia (Lancet 2014 Jan 24)

Familial hypercholesterolemia

reminder letters may increase HPV vaccine series completion in girls and young women (J Adolesc Health 2015 Jan)

Human Papillomavirus Vaccine

therapeutic hypothermia with lower temperature and longer duration of cooling does not appear to decrease mortality compared to hypothermia at 33.5 degrees C (92.3 degrees F) for 72 hours in neonates with hypoxic ischemic encephalopathy (JAMA 2014 Dec 24)

Perinatal asphyxia

isotonic IV fluid with sodium concentration 140 mmol/L may decrease hyponatremia compared to hypotonic fluid in children requiring IV maintenance hydration (Lancet 2014 Nov 28 early online)

Rehydration therapy in children

vitamin K supplementation has insufficient evidence to evaluate benefits and adverse effects in patients with CF (Cochrane Database Syst Rev 2015 Jan 18)

Cystic fibrosis (CF)

review of vesicoureteric reflux in children (Lancet 2014 Aug 22 early online)

Vesicoureteral reflux
**Molluscum contagiosum** pulsed dye laser reported to effectively clear molluscum contagiosum in children (Laser Ther 2013)

**Down syndrome** review of role of family physician in care of children with down syndrome (Am Fam Physician 2014 Dec 15)

**Bronchiolitis** Cochrane review evaluating CPAP for acute bronchiolitis in children (Cochrane Database Syst Rev 2015 Jan 7)

**Henoch-Schonlein purpura** montelukast may reduce duration of hospital stay, symptom severity, and relapse rate while on montelukast in children with Henoch-Schonlein purpura (Pediatr Int 2014 Jun)

**Antibiotics for pediatric inpatients with community-acquired pneumonia** antibiotics for community-acquired lower respiratory tract infections secondary to Mycoplasma pneumoniae in children have insufficient evidence to evaluate efficacy and adverse effects (Cochrane Database Syst Rev 2015 Jan 8)
Quick Exercise

Is the P Value significant at the below cut off points?

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