Paediatric Nurse Education
Current Awareness Newsletter

March 2015
Outreach

Your Outreach Librarian can help facilitate evidence-based practise for all members of staff, as well as assisting with academic study and research. We can help with literature searching, obtaining journal articles and books, and setting up individual current awareness alerts.

Literature Searching

We provide a literature searching service for any library member. For those embarking on their own research it is advisable to book some time with one of the librarians for a 1 to 1 session where we can guide you through the process of creating a well-focused literature research and introduce you to the health databases access via NHS Evidence.

Critical Appraisal Training

We also offer one-to-one or small group training in literature searching, accessing electronic journals, and critical appraisal/Statistics. These are essential courses that teach how to interpret clinical papers.

Books

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
Contents

1: Tables of Contents from March’s Paediatric Nurse Education journals

2: New NICE Guidance

3: Latest relevant Systematic Reviews from the Cochrane Library.

4: NHS Behind the Headlines

5: Quick Exercise
Tables of Contents from Nurse Education journals

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

Nurse Educator March/April Vol 40 Issue 2

Critical-Thinking Challenge Games and Teaching Outside of the Box

Simulation Gone Wild: SIM OUT

How a Heart-Centered Approach Can Make You a More Persuasive Educator

Letter to the Editor and Response: Guidelines for Response to Student Requests for Academic Consideration: Support Versus Enabling Response From Authors

Incorporating Quality and Safety Education in Nursing Into Nursing Curriculum via Implementation of Student-Led Pediatric Health and Safety Fair Resources at Nurse Educator Web Site

Digital Storytelling: An Innovative Technological Approach to Nursing Education

Flipping the Classroom With Team-Based Learning in Undergraduate Nursing Education

Time to Adjust: Team-Based Learning 2 Years Later

Technology-Based Strategies for Promoting Clinical Reasoning Skills in Nursing Education

Using an Eye Tracker During Medication Administration to Identify Gaps in Nursing Students’ Contextual Knowledge: An Observational Study

Implementing High-Fidelity Simulations With Large Groups of Nursing Students Request Permissions

Should We Prelab? A Student-Centered Look at the Time-Honored Tradition of Prelab in Clinical Nursing Education

Implementing the Standards of Best Practice for Simulation

Use of a Problem-Based Learning Exercise to Teach the Lean 8-Step Problem-Solving Method

Peer Coaching: An Overlooked Resource

Using High-fidelity Simulation as a Learning Strategy in an Undergraduate Intensive Care Course
Liminality in preregistration mental health nurse education: A review of the literature
The effect of social interaction on mental health nurse student learning
The impact of multiuser virtual environments on student engagement
An education intervention to improve nurses' understanding of medication safety
Nurse Competence Scale – Psychometric testing in a Norwegian context
Increasing the health literacy of learning disability and mental health nurses in physical care skills: A pre and post-test evaluation of a workshop on diabetes care
Skills for nursing practice: Development of clinical skills in pre-registration nurse education
Obstetrical staff nurses experiences of clinical learning
Nursing education: Preparing for the inevitability of disasters and emergencies
Virtual reality disaster training: Translation to practice
“Skip the infection, get the injection”: A case study in emergency preparedness education
Development, implementation and evaluation of a disaster training programme for nurses: A Switching Replications randomized controlled trial
Strengthening and preparing: Enhancing nursing research for disaster management
Chinese nurses' relief experiences following two earthquakes: Implications for disaster education and policy development
Preparing for disasters: Education and management strategies explored

New NICE Guidance

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

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

Videolaryngoscopy versus direct laryngoscopy for tracheal intubation in neonates
Krithika Lingappan, Jennifer L Arnold, Thomas L Shaw, Caraciolo J Fernandes and Mohan Pammi
Online Publication Date: February 2015
Pressure-controlled versus volume-controlled ventilation for acute respiratory failure due to acute lung injury (ALI) or acute respiratory distress syndrome (ARDS)
Binila Chacko , John V Peter , Prathap Tharyan , George John and Lakshmanan Jeyaseelan
Online Publication Date: January 2015

Early versus late tracheostomy for critically ill patients
Brenda NG Andriolo , Régis B Andriolo , Humberto Saconato , Álvaro N Atallah and Orsine Valente
Online Publication Date: January 2015

Single induction dose of etomidate versus other induction agents for endotracheal intubation in critically ill patients
Eric A Bruder , Ian M Ball , Stacy Ridi , William Pickett and Corinne Hohl
Online Publication Date: January 2015

Protocol-directed sedation versus non-protocol-directed sedation to reduce duration of mechanical ventilation in mechanically ventilated intensive care patients
Leanne M Aitken , Tracey Bucknall , Bridie Kent , Marion Mitchell , Elizabeth Burmeister and Samantha J Keogh
Online Publication Date: January 2015

Continuous positive airway pressure (CPAP) for acute bronchiolitis in children
Kana R Jat and Joseph L Mathew
Online Publication Date: January 2015

NHS Behind the Headlines

Over two hours screen time a day may raise a child’s blood pressure
Thursday Feb 26 2015

"Watching TV for more than two hours a day increases the risk of raised blood pressure in children," The Daily Telegraph reports. A large study, involving more than 5,000 children who were followed up over two years…
Peanut butter for non-allergic babies may reduce later allergies

Tuesday Feb 24 2015

"The cure for peanut allergy – peanuts, from the age of four months," says The Guardian. This is bad advice...

Impact of daytime naps on children’s sleep quality uncertain

Wednesday Feb 18 2015

“Daytime naps ‘should stop at the age of two’: Children have poorer quality sleep if they rest during the afternoon,” is the inaccurate headline on the Mail Online…

Teen screen time linked to less sleep

Tuesday Feb 3 2015

"Teenagers sleep less when they have more computer screen time says study," The Guardian reports. A Norwegian study found an association between the use of any type of electronic screen device in the evening and disrupted sleep patterns…

Quick Exercise

Calculate the Relative Risk for these two groups of patients in this RCT. For more information on how to do this please email library@uhbristol.nhs.uk

<table>
<thead>
<tr>
<th>HIGH RISK</th>
<th>Heart attack over 10 yrs (event)</th>
<th>No Heart attack (no event)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment group</td>
<td>60</td>
<td>40</td>
<td>100</td>
</tr>
<tr>
<td>Control group</td>
<td>90</td>
<td>10</td>
<td>100</td>
</tr>
</tbody>
</table>

\[
RR = \frac{60}{90} = 0.67
\]

\[
RRR = \frac{0.67}{1} = 0.67
\]

The relative risk was 33% lower for new drug than the control group for high risk patients

<table>
<thead>
<tr>
<th>LOW RISK</th>
<th>Heart attack over 10 yrs (event)</th>
<th>No Heart attack (no event)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment group</td>
<td>2</td>
<td>98</td>
<td>100</td>
</tr>
<tr>
<td>Control group</td>
<td>3</td>
<td>97</td>
<td>100</td>
</tr>
</tbody>
</table>

\[
RR = \frac{2}{3} = 0.67
\]

\[
RRR = \frac{0.67}{1} = 0.67
\]

The relative risk was 33% lower for new drug than the control group for low risk patients
Current Awareness Database Articles

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

Title: Paediatric nurses attitudes towards the promotion of healthy eating.

Citation: British Journal of Nursing, 15 January 2015, vol./is. 24/2(108-112), 09660461

Author(s): Blake, Holly, Patterson, Joanna

Abstract: This study assessed paediatric nurses attitudes towards promoting healthy eating and their opinions regarding nurses as role models for health. In all, 67 nurses from 14 wards at an acute hospital trust completed questionnaires on weight, diet, physical activity, self-efficacy and attitudes towards nurses as role models for health. Forty-eight percent felt that they could incorporate health promotion into their patient care better, and 84% believed that nurses should present themselves as role models for health. Nurses felt that their own health behaviours influenced the quality of their care: 77% reported that patients and families would heed advice better from those who appeared to follow it themselves, and 48% reported difficulties in promoting health behaviours they did not adhere to themselves. These views were inconsistent with their own lifestyle choices, since one third of respondents did not meet physical-activity guidelines, almost half were an unhealthy weight, and the majority did not consume five portions of fruits/vegetables per day. Paediatric nurses identified barriers and facilitators to promoting healthy eating. Education, training and access to evidence-based resources may help to increase paediatric nurses confidence to promote healthy eating to children and their families. Hospital workplaces should make provision to support nurses who seek to improve their own health.

Title: Cervical Cancer Screening in Adolescents: An Evidence-Based Internet Education Program for Practice Improvement Among Advanced Practice Nurses.

Citation: Worldviews on Evidence-Based Nursing, 01 February 2015, vol./is. 12/1(51-60), 1545102X

Author(s): Choma, Kim, McKeever, Amy E.

Abstract: ABSTRACT Background The literature reports great variation in the knowledge levels and application of the recent changes of cervical cancer screening guidelines into clinical practice. Evidence-based screening guidelines for the prevention and early detection of cervical cancer offers healthcare providers the opportunity to improve practice patterns among female adolescents by decreasing psychological distress as well as reducing healthcare costs and morbidities associated with over-screening. Purpose The purpose of this pilot intervention study was to determine the effects of a Web-based continuing education unit (CEU) program on advanced practice nurses’ (APNs) knowledge of current cervical cancer screening evidence-based recommendations and their application in practice.

Title: Improving the quality of documentation of paediatric post-take ward rounds: The impact of an acrostic

Citation: Postgraduate Medical Journal, January 2015, vol./is. 91/1071(22-25), 0032-5473;1469-0756 (01 Jan 2015)

Author(s): Newnham A.L., Hine C., Rogers C., Agwu J.C.
**Abstract:** Study design The acronym, 'Please Verify Information For Doctors, Please Note Every Plan,' was developed in 2010 to make it easy to remember the important aspects of post-take ward round, which are: Problem; Vital signs; Investigations; Fluids; Drugs; Patient/Parental concerns; Nursing concerns; Examination; Plan. The acronym was introduced to doctors at a teaching session and included in the mandatory induction programme for all new doctors. Impact of use of the acronym was evaluated in 2011 by audit of case notes before and after its introduction, with re-audit 2 years later. A survey of junior doctors on their attitude to its use was carried out in 2014. Background Review of patients' notes while investigating clinical incidents showed a recurring problem of poor documentation of important aspects of the paediatric post-take ward round. Purpose of the study To evaluate the impact of an acronym (type of mnemonic), created to reflect the aspects of care that should be documented after every ward round, on the completeness of note keeping.

**Title:** Identification of Pediatric Oral Health Core Competencies through Interprofessional Education and Practice.

**Citation:** Nursing Research and Practice, 2015, vol./is. 2015/(360523), 2090-1429;2090-1429 (2015)

**Author(s):** Hallas D, Fernandez JB, Herman NG, Moursi A

**Abstract:** Over the past seven years, the Department of Pediatric Dentistry at New York University College of Dentistry (NYUCD) and the Advanced Practice: Pediatrics and the Pediatric Nurse Practitioner (PNP) program at New York University College of Nursing (NYUCN) have engaged in a program of formal educational activities with the specific goals of advancing interprofessional education, evidence-based practice, and interprofessional strategies to improve the oral-systemic health of infants and young children. Mentoring interprofessional students in all health care professions to collaboratively assess, analyze, and care-manage patients demands that faculty reflect on current practices and determine ways to enhance the curriculum to include evidence-based scholarly activities, opportunities for interprofessional education and practice, and interprofessional socialization. Through the processes of interprofessional education and practice, the pediatric nursing and dental faculty identified interprofessional performance and affective oral health core competencies for all dental and pediatric primary care providers. Students demonstrated achievement of interprofessional core competencies, after completing the interprofessional educational clinical practice activities at Head Start programs that included interprofessional evidence-based collaborative practice, case analyses, and presentations with scholarly discussions that explored ways to improve the oral health of diverse pediatric populations. The goal of improving the oral health of all children begins with interprofessional education that lays the foundations for interprofessional practice.

**Articles Recommended by Caroline Haines**

HEIKKILA P, Forma L, Korppi M.
Hospitalisation costs for infant bronchiolitis are up to 20 times higher if intensive care is needed.
PubMed: [www.amedeo.com/p2.php?id=25431309&s=crc&pm=9b8c17ade50e84f](http://www.amedeo.com/p2.php?id=25431309&s=crc&pm=9b8c17ade50e84f)
ABSTRACT available
Share: [http://m.amedeo.com/25431309](http://m.amedeo.com/25431309)

**Implementation of the Bedside Paediatric Early Warning System (BedsidePEWS) for nurse identification of deteriorating patients (pages 339-349)**
Molly Kaul, Julia Snethen, Sheryl T. Kelber, Kim Zimmanck, Kristin Maletta and
Who are the children using hospice care? (pages 308-315)
Lisa C. Lindley and Shih-Lung Shaw
Article first published online: 17 AUG 2014 | DOI: 10.1111/jspn.12085
Journal for Specialists in Pediatri… Content Alert: 19, 4 (October 2014)

O’BRIEN R.
Expressions of hope in paediatric intensive care: a reflection on their meaning.
PubMed: www.amedeo.com/p2.php?id=25493306&s=crc&pm=9b8c17ade50e84f
ABSTRACT available
Share: http://m.amedeo.com/25493306

Burnout and traumatic stress in staff working in paediatric intensive care: associations with resilience and coping strategies.
Intensive Care Med. 2014.
PubMed: www.amedeo.com/p2.php?id=25403756&s=crc&pm=9b8c17ade50e84f

Nursing - Intensive Care and Paediatric Emergency Care Medicine
PO-0866 Assessing The Validity And Reliability Of The Comfort-behaviour Scale In Children Three Years Of Age And Over
• DM Hughes, C Breathnach, M van Dijk, C Magner, G Paul

An evaluation of the implementation of Advanced Nurse Practitioner (ANP) roles in an acute hospital setting
Ann McDonnell, Emma Goodwin, Fiona Kennedy, Kay Hawley, Kate Gerrish and Christine Smith
Article first published online: 22 OCT 2014 | DOI: 10.1111/jan.12558
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Swipe Access 7.00 am—23.00pm
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