



LKS Current Awareness Bulletin Neonatal March 2019

A current awareness update service from Library and Knowledge Services. If you know anyone who could benefit from receiving this please ask them to sign up by emailing

judith.aquino@elht.nhs.uk or library.blackburn@elht.nhs.uk

SIGN UP TO
OTHER BULLETINS

UpToDate® What's New

[No benefit of lactoferrin in preterm infants](#) (February 2019)

[Postnatal hydrocortisone in ventilator-dependent very preterm infants](#) (February 2019)

NICE National Institute for
Health and Care Excellence

Evidence Summaries

Signal: Brain scan may predict long-term disabilities in babies with brain injury

Source: [NIHR Dissemination Centre](#) - 12 March 2019

followed up 190 babies in a prospective cohort study (MARBLE) involving eight neonatal units in the UK and US. All were full term or...

[Read Summary](#)

C-reactive protein is not useful in diagnosing late-onset infection in newborns

Source: [NIHR Dissemination Centre](#) - 20 March 2019

risk are often given antibiotics until given the all clear. Late-onset neonatal infection is common, especially in children needing...

[Read Summary](#)

Specialist neonatal respiratory care for babies born preterm

NICE guideline [NG124] has been released - it covers specific aspects of respiratory support (for example, oxygen supplementation, assisted ventilation, treatment of some respiratory disorders, and aspects of monitoring) for preterm babies in hospital.



[Late erythropoiesis-stimulating agents to prevent red blood cell transfusion in preterm or low birth weight infants](#)

Sanjay M Aher, Arne Ohlsson

[Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn](#)

Matteo Bruschetti, Olga Romantsik, Simona Zappettini, Colm PF O'Donnell, Maria Grazia Calevo

[Education of family members to support weaning to solids and nutrition in infants born preterm](#)

Zenab Elfzani, T'ng Chang Kwok, Shalini Ojha, Jon Dorling

[Antibiotic treatment for newborns with congenital syphilis](#)

Godfrey JA Walker, Damian Walker, Daniel Molano Franco, Carlos F Grillo-Ardila

[Positive end-expiratory pressure for preterm infants requiring conventional mechanical ventilation for respiratory distress syndrome or bronchopulmonary dysplasia](#)

Nicolas Bamat, Julie Fierro, Yifei Wang, David Millar, Haresh Kirpalani



If you are accessing any link outside of the ELHT network you may need an ELHT [Open Athens](#) username and password.

[Neonatal gastric perforation: when to expect and how to manage](#)

Wael Elzeneini, Charlotte Woodward, Mohamed S Shalaby

British Journal of Hospital Medicine Volume 80, Issue 302 Mar 2019

[Maternal and neonatal outcome of reverse breech extraction of an impacted fetal head during caesarean section in advanced stage of labour: a retrospective cohort study.](#)

Author(s) Lenz, Franziska; Kimmich, Nina; Zimmermann, Roland; Kreft, Martina

BMC Pregnancy & Childbirth; Mar 2019; vol. 19 (no. 1)

[Delivery Room Resuscitation of Extremely Preterm Infants.](#)

Author(s) Perlman, Jeffrey

JAMA: Journal of the American Medical Association; Mar 2019; vol. 321 (no. 12); p. 1161-1162

[Randomized controlled trial protocol to improve multisensory neural processing, language and motor outcomes in preterm infants](#)

Author(s) Neel, Mary Lauren; Yoder, Paul; Matusz, Pawel J.; Murray, Micah M.; Miller, shley

BMC Pediatrics; Mar 2019; vol. 19 (no. 1)

[Prognostic models need to look beyond fetal size](#)

Author(s) Allotey, J; Thangaratinam, S

BJOG: An International Journal of Obstetrics & Gynaecology; Mar 2019; vol. 126 (no. 4); p. 485-485

[Evaluation of risk factors' importance on adverse pregnancy and neonatal outcomes in women aged 40 years or older](#)

Author(s) Sydsjö, Gunilla; Lindell Pettersson, Malin; Bladh, Marie; Skoog Svanberg, Agneta; Lampic, Claudia

BMC Pregnancy & Childbirth; Mar 2019; vol. 19 (no. 1)

[PROBIOTICS FOR PRETERM NEONATES - A PROSPECTIVE OBSERVATIONAL STUDY \(POP-STUDY\)](#)

Source Journal of Paediatrics & Child Health; Mar 2019; vol. 55 ; p. 17-17

[SEPSIS CALCULATOR FOR NEONATAL EARLY ONSET SEPSIS - A SYSTEMATIC REVIEW AND META-ANALYSIS](#)

Source Journal of Paediatrics & Child Health; Mar 2019; vol. 55 ; p. 17-17

[The DESiGN trial \(DEtection of Small for Gestational age Neonate\), evaluating the effect of the Growth Assessment Protocol \(GAP\): study protocol for a randomised controlled trial](#)

Author(s) Vieira, Matias C.; Relph, Sophie; Copas, Andrew; Healey, Andrew; Coxon, Kirstie [et al.](#)

Trials; Mar 2019; vol. 20 (no. 1)

[Association of adverse perinatal outcomes of intrahepatic cholestasis of pregnancy with biochemical markers: results of aggregate and individual patient data meta-analyses](#)

Author(s) Ovadia, Caroline; Seed, Paul T.; Sklavounos, Alexandras; Geenes, Victoria; Dillio, Chiara [et al.](#)

Source Lancet; Mar 2019; vol. 393 (no. 10174); p. 899-909

[Canadian and UK/Ireland practice patterns in lumbar puncture performance in febrile neonates with bronchiolitis.](#)

Author(s) Simone, Laura; Lyttle, Mark D.; Roland, Damian; Stephens, Derek; Schuh, Suzanne
Emergency Medicine Journal; Mar 2019; vol. 36 (no. 3); p. 148-153

Other News

[Measuring safety culture in maternal and neonatal services — using safety culture insight to support quality improvement](#)

This document gives insight from safety culture surveys of maternal and neonatal staff at 87 provider trusts across England, carried out as part of the maternal and neonatal health safety collaborative.

NHS Improvement

[Improving category 1 caesarean section 'decision to delivery' interval](#)

This is a case study of the quality improvement project delivered by Heart of England NHS Foundation Trust (now part of University Hospitals Birmingham NHS Foundation Trust) as part of their participation in the Maternal and neonatal health safety collaborative.

NHS Improvement

[Improving transitional care \(TC\) and keeping mothers and babies together](#)

This is a case study of the quality improvement project delivered by East Kent Hospitals University NHS

Foundation Trust as part of their participation in the Maternal and neonatal health safety collaborative.

NHS Improvement

[Increasing reporting of reduced fetal movement](#)

This is a case study of the quality improvement project delivered by Bradford Teaching Hospitals NHS Foundation Trust, as part of their participation in the Maternal and neonatal health safety collaborative.

NHS Improvement

[Maternal and neonatal health safety collaborative case study](#)

This is a case study of the quality improvement project delivered by North Tees and Hartlepool NHS Foundation Trust as part of their participation in the Maternal and neonatal health safety collaborative.

NHS Improvement

[Cross-site maternity safety huddles: delivering world class care at the right time in the right place](#)

The Royal Free London NHS Foundation Trust have tested and adopted cross-site maternity huddles to improve communication, situational awareness, and care for women and babies with the Maternal and neonatal health safety collaborative.

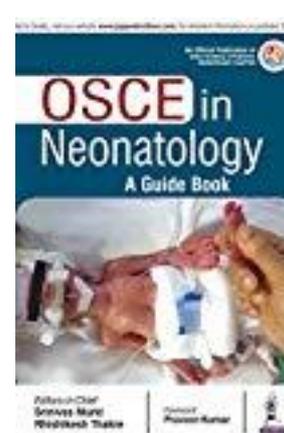
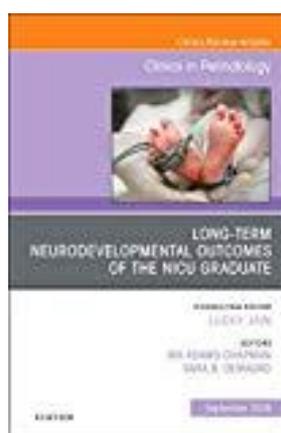
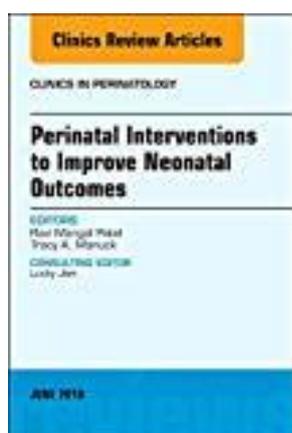
NHS Improvement

[Saving Babies' Lives Care Bundle](#)

Version two of the Saving Babies' Lives Care Bundle (SBLCBv2), has been produced to build on the achievements of version one and address the issues identified in the its evaluation. This version aims to provide detailed information for providers and commissioners of maternity care on how to reduce perinatal mortality across England.

Source: NHS England

New Books



For a full list of all the books we hold on neonatology click [here](#)

Online Resources for Neonatology



[Oxford Handbook of Neonatology \(2 ed.\)](#)

Grenville Fox, Timothy Watts, and Nicholas Hoque

Career: Doctor, Qualified, early specialism training, Qualified, late specialism training

Now in its second edition, the *Oxford Handbook of Neonatology* is a user-friendly guide for all healthcare professionals involved in the care of newborns. Accessible, practical, and updated with the latest evidence, this new addition to the bestselling Oxford Medical Handbook series is a key resource designed for use at the cot-side. Using guidance from the Royal College of Paediatrics and Child Health and including the most up-to-date NICE guidelines, the second edition of this handbook uses diagrams and an easy-to-assimilate format to cover good communication practice, neonatal emergencies, and technical procedures. With a new chapter on endocrinology, and fully updated and expanded sections covering therapeutic hypothermia and developmental care, amongst other advances in the field, the *Oxford Handbook of Neonatology* addresses post-natal and antenatal care and commonly encountered problems. It includes specific sections on cardiology, neurology, and haematology alongside other key areas needed for the clinician working with newborns.



Neonatal Knowledge Centre

[A dedicated page on our library website for your speciality](#)

*Did you know... that we have staff who can help support you in finding the evidence for **General Interest and Personal Development**, **Writing for Publication and Presentation**, **Research or Assignment**, **Education and Training**, **Evidence Based Practice for Patient Care**, **Service Management**, **Up-to-date Protocols and Guidelines**. If you require a literature search, then please do ask us. We can save you the time. Please share with your colleagues.*

Disclaimer: The Library cannot guarantee the correctness or completeness of the information in this bulletin. The information is subject to change and we cannot guarantee it will remain up-to-date. It is your responsibility to check the accuracy and validity of the information.

Library and Knowledge and Services Team



Abbas Bismillah

Head of Library & Knowledge Services

abbas.bismillah@elht.nhs.uk

01254 734308 or Ext. 84308

Clare Morton

Library Operational Services Manager

clare.morton@elht.nhs.uk

01254 734066 or Ext 84066

01282 804073 or Ext 14073

Judith Aquino

E-Resources Librarian

judith.aquino@elht.nhs.uk

01282 804073 or Ext. 14073

01254 732813 or Ext 82813

Sarah Glover

Library Services Officer

Lauren Kay

Library Services Officer

Charlotte Holden

Library Services Officer

library.blackburn@elht.nhs.uk

01254 734312 or Ext. 84312

library.burnley@elht.nhs.uk

01282 803114 or Ext 13114

www.ehub.elht.nhs.uk