1. **NICE Guidance**

There were no new NICE guidelines for Neonatal May 2013.

2. **New and Updated Cochrane Systematic Reviews**

1) **Lung lavage for meconium aspiration syndrome in newborn infants**

**Authors’ conclusions:** In infants with meconium aspiration syndrome, lung lavage with diluted surfactant may be beneficial, but additional controlled clinical trials of lavage therapy should be conducted to confirm the treatment effect, to refine the method of lavage treatment, and to compare lavage treatment with other approaches, including surfactant bolus therapy. Long-term outcomes should be evaluated in further clinical trials.

3. **Good Quality Systematic Reviews**

2) **Lower versus higher oxygen concentration for delivery room stabilisation of preterm neonates: systematic review**

3) **Early sucking and swallowing problems as predictors of neurodevelopmental outcome in children with neonatal brain injury: a systematic review**

4) **Treatment of myocardial damage with creatine phosphate following neonatal asphyxia: a meta-analysis**

5) **Molecular assays in the diagnosis of neonatal sepsis: a systematic review and meta-analysis**
6) **A review of Candida prophylaxis in the neonatal intensive care population**

7) **The safety and efficacy of red cell transfusions in neonates: a systematic review of randomized controlled trials**

8) **Comparison of the T-piece resuscitator with other neonatal manual ventilation devices: a qualitative review**

9) **Efficacy of pulmonary surfactant therapy in neonates with meconium aspiration syndrome: a meta-analysis**

10) **Prognostic tests in term neonates with hypoxic-ischemic encephalopathy: a systematic review**

11) **Clofibrate for unconjugated hyperbilirubinemia in neonates: a systematic review**

12) **Music therapy research in the NICU: an updated meta-analysis**

13) **Comforting touch in the very preterm hospitalized infant: an integrative review**

14) **Oral ibuprofen versus intravenous ibuprofen or intravenous indomethacin for the treatment of patent ductus arteriosus in preterm infants: a systematic review and meta-analysis**

15) **Parenteral lipid administration to very-low-birth-weight infants: early introduction of lipids and use of new lipid emulsions - a systematic review and meta-analysis**

16) **A systematic mapping review of effective interventions for communicating with, supporting and providing information to parents of preterm infants**

17) **Ambroxol for the prevention of respiratory distress syndrome in preterm infants: a meta analysis**

18) **Probiotics, prebiotics infant formula use in preterm or low birth weight infants: a systematic review**

19) **Evidence regarding an effect of marine n-3 fatty acids on preterm birth: a systematic review and meta-analysis**

20) **Efficacy of early physiotherapy intervention in preterm infant motor development — a systematic review**

**4. Economic Evaluations**

21) **A randomised trial of granulocyte-macrophage colony-stimulating factor for neonatal sepsis: outcomes at 2 years**

22) **Utility of intramuscular antibiotics for secondary prevention of early onset, asymptomatic suspected neonatal sepsis**

23) **Active surveillance and decolonization of methicillin-resistant staphylococcus aureus on admission to neonatal intensive care units in Hong Kong: a cost-effectiveness analysis**

24) **Costs and effectiveness of neonatal male circumcision**
25) Extending total parenteral nutrition hang time in the neonatal intensive care unit: is it safe and cost effective?

26) The cost efficiency of HPV vaccines is significantly underestimated due to omission of conization-associated prematurity with neonatal mortality and morbidity

27) Comparison of maximum vasoactive inotropic score and low cardiac output syndrome as markers of early postoperative outcomes after neonatal cardiac surgery

28) Effect of breast milk on hospital costs and length of stay among very low-birth-weight infants in the NICU

29) Economic evaluation of the use of exogenous pulmonary surfactants in preterm newborns in a Mexican population

30) Cost-effectiveness analysis of the use of palivizumab in the prophylaxis of preterm patients in Mexico

31) Respiratory syncytial virus prophylaxis in preterm infants: a cost-effectiveness study from Turkey

32) Antenatal corticosteroids for late-preterm infants: a decision-analytic and economic analysis

33) Nifedipine versus fenoterol in the management of preterm labor: a randomized, multicenter clinical study

5. Practice changing research, sourced from Dynamed

34) Practice changing updates for Neonatal May 2013

6. NHS Behind the Headlines

35) Can music help premature infants sleep and feed?

36) High UK child death rates unfairly blamed on GPs

37) Sharing a bed with your baby ups risk of cot death

7. Latest Journal Table of Contents

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38) Advances in Neonatal Care

39) Archives of Disease in Childhood - Fetal and Neonatal Edition

40) Journal of Maternal-Fetal & Neonatal Medicine
41) Journal of Neonatal Nursing

42) Journal of Obstetric Gynecologic and Neonatal Nursing

43) Neonatal Network

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