Check out what's new in the Cochrane Neonatal Review Group.

Cochrane Neonatal Review Group Newsletter, October 2013

Mission Statement

The Cochrane Neonatal Review Group (CNRG) is one of over 50 collaborative review groups of the Cochrane Collaboration. The Cochrane Collaboration is an international not-for-profit and independent organization, dedicated to making up-to-date, accurate information about the effects of healthcare readily available worldwide. It produces and disseminates systematic reviews of healthcare interventions and promotes the search for evidence in the form of clinical trials and other studies of interventions.

As the Neonatal Review Group, we prepare and disseminate evidence-based, regularly updated reviews of the effects of therapies in neonatal-perinatal medicine.

Funding from The National Institute of Child Health and Human Development (USA) supports the infrastructure of the Neonatal Review Group and allows the preparation and continuous updating of a classified bibliography of virtually all reports of randomized trials in the field of neonatology, and of systematic reviews (incorporating meta-analysis) of the results of this body of research.
Editorial Staff

Click [here](#) for an introduction to our team.

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**Announcements**

**New Staff**

- Maria Ximena Rojas-Reyes, from Pontificia Universidad Javeriana joined the CNRG team. Maria is assisting authors who wish to include Summary of Findings Tables (SoFTs) in their reviews.
- Colleen Ovelman is our new Trials Search Coordinator. She assumed this position in May 2013. She is located in the Burlington, VT CNRG office.

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**Commentaries in Neonatology**

Click [here](#) to read Dr. Roger Soll’s most recent commentary in *Neonatology* on: Cooling for Newborns with Hypoxic Ischemic Encephalopathy, an updated review by Jacobs SE, Berg M, Hunt R, Tarnow-Mordi WO, Inder TE, Davis PG.

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**Who's Talking About Us**

**National Geographic**

The National Geographic cites [relevant Cochrane evidence](#) in a recent report on Kangaroo Mother Care. Click [here](#) to read the article.

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**Upcoming Events**

**October 30, 2013**

Free Webinar: Prebiotics and Probiotics

12:00 pm EST

Click [here](#) to register.

**November 4-6, 2013**

Cochrane Standard Author Training Course

Vancouver, BC, Canada

Click [here](#) for more information.

**December 2-4, 2013**

Cochrane Standard Author Training Course

Toronto, ON, Canada

Click [here](#) for more information.
Two of our reviews are included in the following UK Cochrane Centre blog, concerning delayed cord clamping and IV immunoglobulin for suspected or proven infection in neonates.

**2012 Impact Factor**

The top five most cited reviews from the Neonatal Group contributing to the 2012 impact factor are:

- Sucrose for analgesia in newborn infants undergoing painful procedures
- Prophylactic intravenous indomethacin for preventing mortality and morbidity in preterm infants
- Ibuprofen for the treatment of patent ductus arteriosus in preterm and/or low birth weight infants
- Probiotics for prevention of necrotizing enterocolitis in preterm infants
- Kangaroo mother care to reduce morbidity and mortality in low birthweight infants

**Web Seminars**

The CNRG offers semiannual, free web seminars on current topics in neonatology.

**Upcoming Webinar:**
**Prebiotics and Probiotics, Evidence from Systematic Reviews**

- October 30, 2013 at 12:00 EST
- Sign up [here](#)

**Past Webinars:**

Click on the links below to view past webinars.
March 2013 - "Blood transfusion policy and erythropoietin: Evidence from systematic review" Presented by Roger Soll, MD with guest discussants Haresh Kirpalani, MD, Arne OHLSSON, MD, Tonse RAJU, MD and Robin Whyte, MD

November 2012 - "Inhaled nitric oxide in term and preterm infants" Presented by Roger Soll, MD with Keith Barrington, MD and Neil Finer, MD

June 2012 - "Current evidence for cooling in hypoxic ischemic encephalopathy" Presented by Roger Soll, MD with Marie Berg, MD and Robert Pfister, MD

February 2012 - "Delivery room management in extremely low birth-weight infants: what do the Cochrane reviews tell us?" Presented by Roger Soll, MD

November 2011 - "What has the Cochrane Collaboration done for babies?" Presented by Roger Soll, MD

February 2011 - "Systematic Reviews and Meta-Analysis in Neonatal Perinatal Medicine" Presented by Roger Soll, MD

What's New


New Reviews Published:

1. Early versus late administration of amino acids in preterm infants receiving parenteral nutrition
2. Lung lavage for meconium aspiration syndrome in newborn infants

Review Updates Published:

1. D-Penicillamine for preventing retinopathy of prematurity in preterm infants
2. Cycled light in the intensive care unit for preterm and low birth weight infants
3. Early light reduction for preventing retinopathy of prematurity in very low birth weight infants
4. Postnatal phenobarbital for the prevention of intraventricular haemorrhage in preterm infants
5. Intravenous immunoglobulin for preventing infection in preterm and/or low birth weight infants
6. Intravenous immunoglobulin for suspected or proven infection in neonates
7. Furosemide for transient tachypnoea of the newborn
8. Delayed introduction of progressive enteral feeds to prevent necrotising enterocolitis in very low birth weight infants
9. Prophylactic systemic antifungal agents to prevent mortality and morbidity in very low birth weight infants
10. Ibuprofen for the treatment of patent ductus arteriosus in preterm and/or low birth weight infants

Protocols Published:

1. Endothelin receptor antagonists for persistent pulmonary hypertension in term and late preterm infants
2. High frequency jet ventilation versus high frequency oscillatory ventilation for pulmonary dysfunction in preterm infants

Titles Registered:

1. Acupuncture for neonatal abstinence syndrome in newborn infants
2. Continuous positive airway pressure (CPAP) for term neonates with respiratory distress
3. Dexmedetomidine for analgesia and sedation in newborn infants receiving mechanical ventilation
4. Diagnostic accuracy of MRI for identifying neurodevelopmental impairment in infants with hypoxic ischemic encephalopathy
5. Effects of targeting higher versus lower arterial oxygen saturations on death or disability in preterm infants
6. Epoprostenol for the treatment of pulmonary hypertension in neonates
7. Gastrografin for the treatment of meconium plug or meconium ileus in term and preterm infants
8. Mask holding techniques for neonatal resuscitation
9. Non-surgical and surgical intervention for airway obstruction in children with Robin Sequence
10. Periodic change of infant position under phototherapy in neonates with hyperbilirubinemia
11. PGE1 (Alprostadil) for maintaining ductal patency in neonates with ductus-dependent cardiac lesions
12. Single room versus open plan NICU for neurodevelopmental outcomes in preterm infants
13. Stopping feeds for prevention of transfusion associated necrotizing enterocolitis in preterm infants
14. The diagnostic accuracy of C-reactive protein and procalcitonin for neonatal sepsis
15. The effect of respiratory support guided by exhaled CO2 on morbidity and mortality in newborn infants requiring resuscitation
16. Transcutaneous carbon dioxide monitoring for the prevention of neonatal morbidity and mortality
17. Washed versus unwashed red blood cells for transfusion for the prevention of morbidity and mortality in preterm infants

Accessing Cochrane Neonatal Reviews

Would you like to read one of the reviews or updates listed above?
Visit our website or the The National Institute of Child Health and Human Development website to see a list of our reviews and to download full reviews.

How to Become a Review Author

- Cochrane offers online training materials for review authors.
- Cochrane Centers around the world offer regional training and support as well as workshops for review authors.
- To learn more about becoming a Cochrane review author, please visit our website.