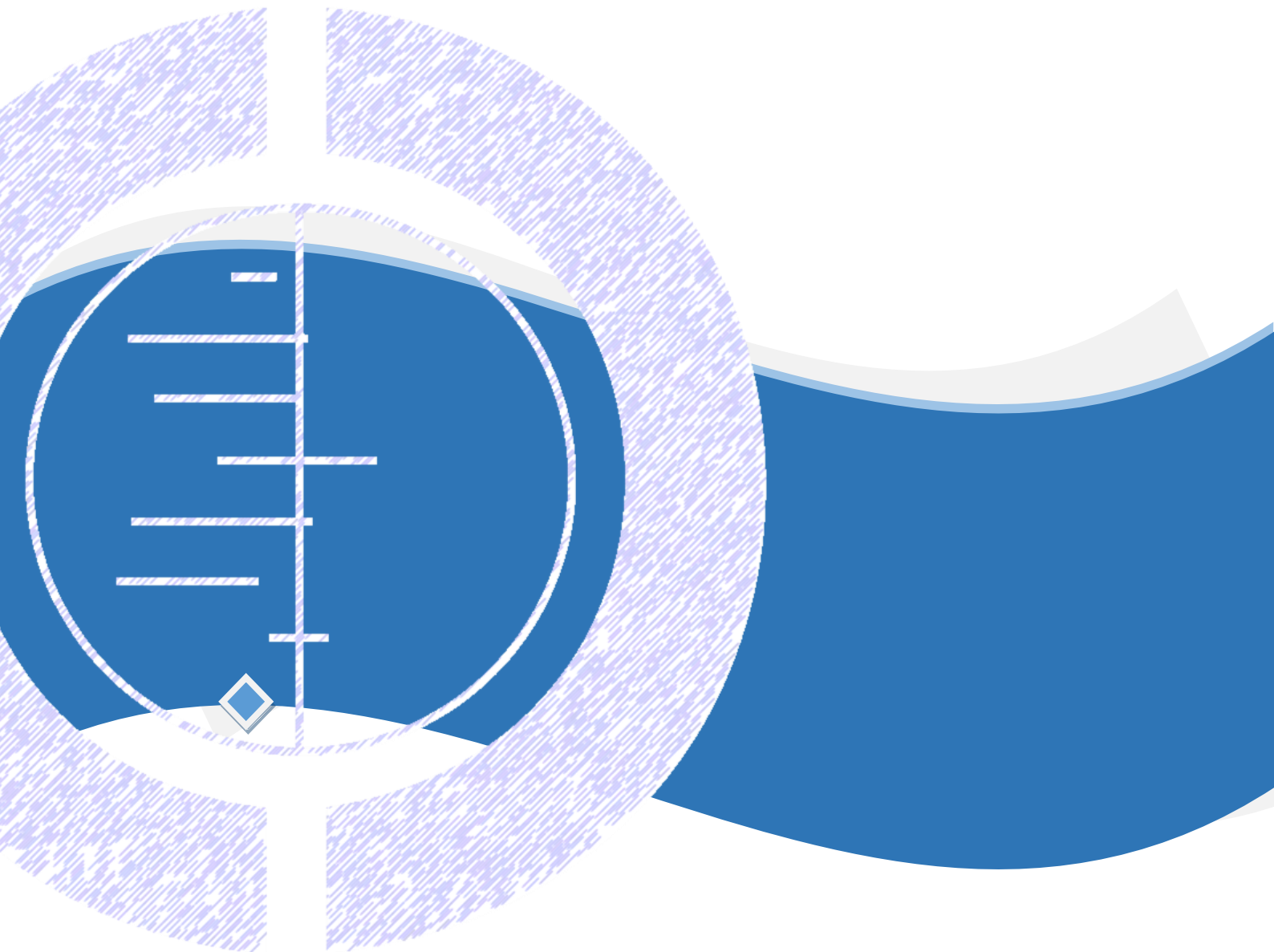


THE COCHRANE ANAESTHESIA REVIEW GROUP

ANNUAL REPORT 2012



Contents

Preface	2
The Cochrane Anaesthesia Review Group (CARG)	3
CARG Editorial Office	3
CARG Editors.....	4
CARG Members	4
Publications in The Cochrane Library, 2012	4
Impact Factor	10
The different review types registered by CARG	11
Collaboration between CARG and the UK National Institute for Health Research (NIHR)	12
MECIR	13
CARG Editorial Board Meeting, Sicily November 2012.....	13
How we contribute to Cochrane	14
CARG Publications.....	15
Cochrane Anaesthesia News.....	15
CARG website	15
TSC workload.....	15
Specialized Register (SR-ANAESTH).....	16
Handsearching.....	16
Consumer representation in CARG reviews.....	16
We achieved the following goals in 2012	16
Our goals for 2013.....	16
Funders	17
Budget	17

Preface

Welcome to the 2012 CARG annual report.

This has been a particularly busy year for both The Cochrane Collaboration and for the Cochrane Anaesthesia Review Group (CARG). *The Cochrane Library* continues to be published on-line 12 times a year. This frequency of publication has brought new challenges, such as an increased number of deadlines, but also advantages such as more frequent publications and a shorter delay between approval of a protocol or review for publication and its appearance on-line. We published 4 new reviews, 7 updated reviews and 21 protocols in 2011 while in 2012 these tallies increased to 11 new reviews, 10 updated reviews and 47 protocols. The total number of CARG reviews and protocols in *The Cochrane Library* as of Issue # 1 2013 Issue is 86 reviews and 108 protocols. The large number of protocols in the editorial process gives CARG pride for this accomplishment, but also anxiety about the forthcoming editorial workload.

This electronic system in ARCHIE for workflow is now well implemented. As expected, it has sped up communication between and among the coordinating editors, the managing editor, editors, the peer reviewers and the authors. The workflow system tracks the status of each protocol and review that is in the editorial process; it automatically generates reports on CARG work for the Cochrane CEU (Central Editorial Unit). All editorial tasks are now generated via the workflow by the Managing Editor.

Almost daily, emails continue to reach the editorial office with expressions of interest from worldwide authors in registering titles in anaesthesia, emergency medicine and intensive care. The editors continue to refine the process for judging and accepting new titles within the limits of editorial time and availability.

2012 was a year of much travel. We attended the Cochrane Midyear Meetings in Paris during April. In October, Jane and Nathan attended the Cochrane Colloquium in Auckland, New Zealand. And finally, most of the CARG editors met for a triannual editorial meeting in Sicily during November. Interestingly, with the worldwide distribution of CARG editors, it was cheaper to meet in Syracuse, Italy than in Copenhagen; CARG finished the year under budget.

We would like to thank CARG's contributors everywhere who have put a great deal of effort into this review production. Without authors, editors, peer reviewers, translators, consumers and everyone else, there would be no CARG. So thank you for your tremendous work.

Finally, we would like to acknowledge and thank our main funder "Region Hovedstaden", and our other funders, who supported us in 2012. Without their important support it would not be possible to continue the work of CARG.

Ann M. Møller (Co-ordinating Editor)
Nathan Pace (Co-ordinating Editor)
Jane Cracknell (Managing Editor)

The Cochrane Anaesthesia Review Group (CARG)

CARG conducts systematic reviews of randomized controlled trials (RCTs) and other controlled clinical trials (CCTs) of interventions and diagnostic test accuracy, overviews, qualitative and prognosis reviews evaluating outcomes in:

- Anaesthesia
- Perioperative medicine
- Intensive care medicine
- Emergency medicine
- Pre-hospital medicine
- Resuscitation

We try to avoid any possible duplication of work by closely collaborating with other Collaborative Review Groups, which have overlapping scopes, such as the Cochrane Pregnancy and Childbirth Group, the Cochrane Injuries Group, and the Cochrane Pain, Palliative Care and Supportive Care Group. We ask the Cochrane Child Health Field to provide peers for all reviews that include children. We are committed to collaborating on topics that are on the borderline between Groups, both in performing the reviews as well as in the editorial process. If a CARG review potentially overlaps with another Cochrane Group, then that Group is asked to contribute to our editorial process by providing a peer-reviewer.

CARG Editorial Office

The CARG Editorial Office is located in Rigshospitalet, Copenhagen, Denmark.

Ann M Møller, MD, DMSc, Associate Professor of Anaesthesiology
Co-ordinating Editor

Nathan Pace MD, MStat, Professor of Anesthesiology
Co-ordinating Editor

Jane Cracknell, RN, BA, MSc
Managing Editor

Karen Hovhannisyan, MD, MSc
Trials Search Co-ordinator

Tom Pedersen, MD, DMSc
Editorial advisor and treasurer

CARG Editors

- Arash Afshari, Denmark and Switzerland
- Michael Bennett, Australia
- John Carlisle, UK (Feedback Editor)
- Harald Herkner, Austria
- Stephan Kettner, Austria
- Anna Lee, Hong Kong
- Ann M. Møller, Denmark
- Mark Neuman, USA
- Ronan O’Sullivan, Ireland
- Nathan Pace, USA (Senior Statistical Editor)
- Tom Pedersen, Denmark
- Nicola Petrucci, Italy
- Andrew Smith, UK
- Marialena Trivella, (Statistical Editor) UK
- Cathal D Walsh (Statistical Editor) Ireland
- Mathew Zacharias, New Zealand

CARG Members

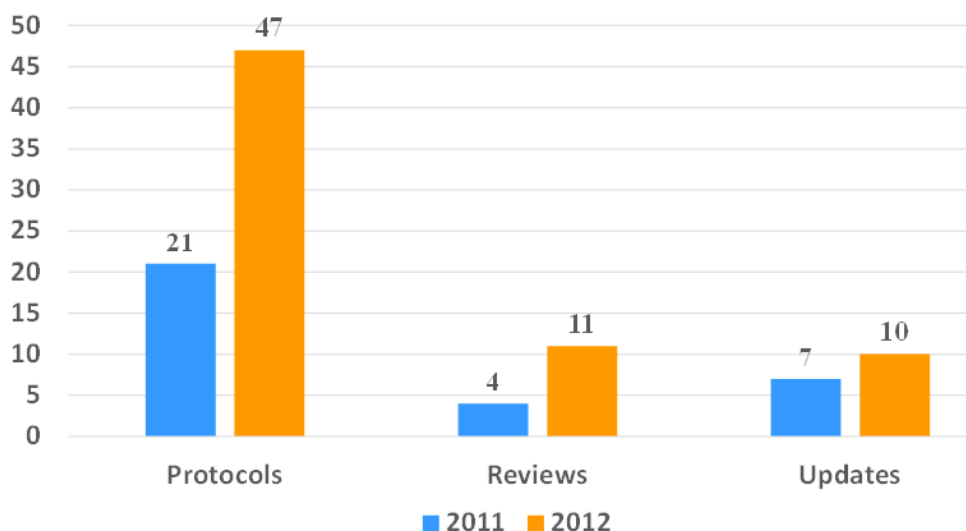
We have a broad membership of individuals, many of whom are active and contribute to our work by performing systematic reviews, editing, peer refereeing, hand searching, translating or extracting data.

Publication in medical journals and in *The Cochrane Library*, the CARG website, the CARG newsletter, and intense recruitment at conferences have all contributed to our rapid growth.

Publications in *The Cochrane Library*, 2012

We published 47 protocols, 11 new reviews, 10 updated reviews in 2012, compared to 21, 4 and 7 respectively in 2011. This represents a 95% increase in the number of new reviews, a 175% increase in the number of new reviews, and a 43% increase in the number of updated reviews on 2011.

CARG Publications 2012 versus 2011



We would like to thank each and every one of the following authors who contributed to our publication success in 2012.

New reviews

1. Gomes Silva BN, Andriolo RB, Saconato H, Atallah ÁN, Valente O. Early versus late tracheostomy for critically ill patients. *Cochrane Database of Systematic Reviews* 2012, Issue 3. Art. No.: CD007271. DOI: 10.1002/14651858.CD007271.pub2
2. Hines S, Steels E, Chang A, Gibbons K. Aromatherapy for treatment of postoperative nausea and vomiting. *Cochrane Database of Systematic Reviews* 2012, Issue 4. Art. No.: CD007598. DOI: 10.1002/14651858.CD007598.pub2
3. van Miert C, Hill R, Jones L. Interventions for restoring patency of occluded central venous catheter lumens. *Cochrane Database of Systematic Reviews* 2012, Issue 4. Art. No.: CD007119. DOI: 10.1002/14651858.CD007119.pub2
4. Garewal D, Powell S, Milan SJ, Nordmeyer J, Waikar P. Sedative techniques for endoscopic retrograde cholangiopancreatography. *Cochrane Database of Systematic Reviews* 2012, Issue 6. Art. No.: CD007274. DOI: 10.1002/14651858.CD007274.pub2
5. Oppedal K, Møller AM, Pedersen B, Tønnesen H. Preoperative alcohol cessation prior to elective surgery. *Cochrane Database of Systematic Reviews* 2012, Issue 7. Art. No.: CD008343. DOI: 10.1002/14651858.CD008343.pub2
6. Sheikh A, Simons FER, Barbour V, Worth A. Adrenaline auto-injectors for the treatment of anaphylaxis with and without cardiovascular collapse in the community. *Cochrane Database of Systematic Reviews* 2012, Issue 8. Art. No.: CD008935. DOI: 10.1002/14651858.CD008935.pub2
7. Boonmak P, Boonmak S, Pattanittum P. High initial concentration versus low initial concentration sevoflurane for inhalational induction of anaesthesia. *Cochrane Database of Systematic Reviews* 2012, Issue 9. Art. No.: CD006837. DOI: 10.1002/14651858.CD006837.pub2
8. Szakmany T, Hauser B, Radermacher P. N-acetylcysteine for sepsis and systemic inflammatory response in adults. *Cochrane Database of Systematic Reviews* 2012, Issue 9. Art. No.: CD006616. DOI: 10.1002/14651858.CD006616.pub2
9. Andreae MH, Andreae DA. Local anaesthetics and regional anaesthesia for preventing chronic pain after surgery. *Cochrane Database of Systematic Reviews* 2012, Issue 10. Art. No.: CD007105. DOI: 10.1002/14651858.CD007105.pub2
10. Grocott MPW, Dushianthan A, Hamilton MA, Mythen MG, Harrison D, Rowan K, Optimisation Systematic Review Steering Group. Perioperative increase in global blood flow to explicit defined goals and outcomes following surgery. *Cochrane Database of Systematic Reviews* 2012, Issue 11. Art. No.: CD004082. DOI: 10.1002/14651858.CD004082.pub5
11. Burdett E, Dushianthan A, Bennett-Guerrero E, Cro S, Gan TJ, Grocott MPW, James MFM, Mythen MG, O'Malley CMN, Roche AM, Rowan K. Perioperative buffered versus non-buffered fluid administration for surgery in adults. *Cochrane Database of Systematic Reviews* 2012, Issue 12. Art. No.: CD004089. DOI: 10.1002/14651858.CD004089.pub2

Updated reviews

1. Martí-Carvajal AJ, Solà I, Glud C, Lathyris D, Cardona AF. Human recombinant protein C for severe sepsis and septic shock in adult and paediatric patients. *Cochrane Database of Systematic Reviews* 2012, Issue 3. Art. No.: CD004388. DOI: 10.1002/14651858.CD004388.pub5
2. Ge X, Cavallazzi R, Li C, Pan SM, Wang YW, Wang FL. Central venous access sites for the prevention of venous thrombosis, stenosis and infection. *Cochrane Database of Systematic Reviews* 2012, Issue 3. Art. No.: CD004084. DOI: 10.1002/14651858.CD004084.pub3

3. Choo KJL, Simons FER, Sheikh A. Glucocorticoids for the treatment of anaphylaxis. *Cochrane Database of Systematic Reviews* 2012, Issue 4. Art. No.: CD007596. DOI: 10.1002/14651858.CD007596.pub3
4. Bennett MH, Lehm JP, Mitchell SJ, Wasiak J. Recompression and adjunctive therapy for decompression illness. *Cochrane Database of Systematic Reviews* 2012, Issue 5. Art. No.: CD005277. DOI: 10.1002/14651858.CD005277.pub3
5. Nishimori M, Low JHS, Zheng H, Ballantyne JC. Epidural pain relief versus systemic opioid-based pain relief for abdominal aortic surgery. *Cochrane Database of Systematic Reviews* 2012, Issue 7. Art. No.: CD005059. DOI: 10.1002/14651858.CD005059.pub3
6. Arrich J, Holzer M, Havel C, Müllner M, Herkner H. Hypothermia for neuroprotection in adults after cardiopulmonary resuscitation. *Cochrane Database of Systematic Reviews* 2012, Issue 9. Art. No.: CD004128. DOI: 10.1002/14651858.CD004128.pub3
7. Zhu F, Lee A, Chee YE. Fast-track cardiac care for adult cardiac surgical patients. *Cochrane Database of Systematic Reviews* 2012, Issue 10. Art. No.: CD003587. DOI: 10.1002/14651858.CD003587.pub2
8. Ashley PF, Williams CECS, Moles DR, Parry J. Sedation versus general anaesthesia for provision of dental treatment in under 18 year olds. *Cochrane Database of Systematic Reviews* 2012, Issue 11. Art. No.: CD006334. DOI: 10.1002/14651858.CD006334.pub3
9. Martí-Carvajal AJ, Solà I, Gluud C, Lathyris D, Cardona AF. Human recombinant protein C for severe sepsis and septic shock in adult and paediatric patients. *Cochrane Database of Systematic Reviews* 2012, Issue 12. Art. No.: CD004388. DOI: 10.1002/14651858.CD004388.pub6
10. Yong SL, Coulthard P, Wrzosek A. Supplemental perioperative steroids for surgical patients with adrenal insufficiency. *Cochrane Database of Systematic Reviews* 2012, Issue 12. Art. No.: CD005367. DOI: 10.1002/14651858.CD005367.pub3

Updated reviews

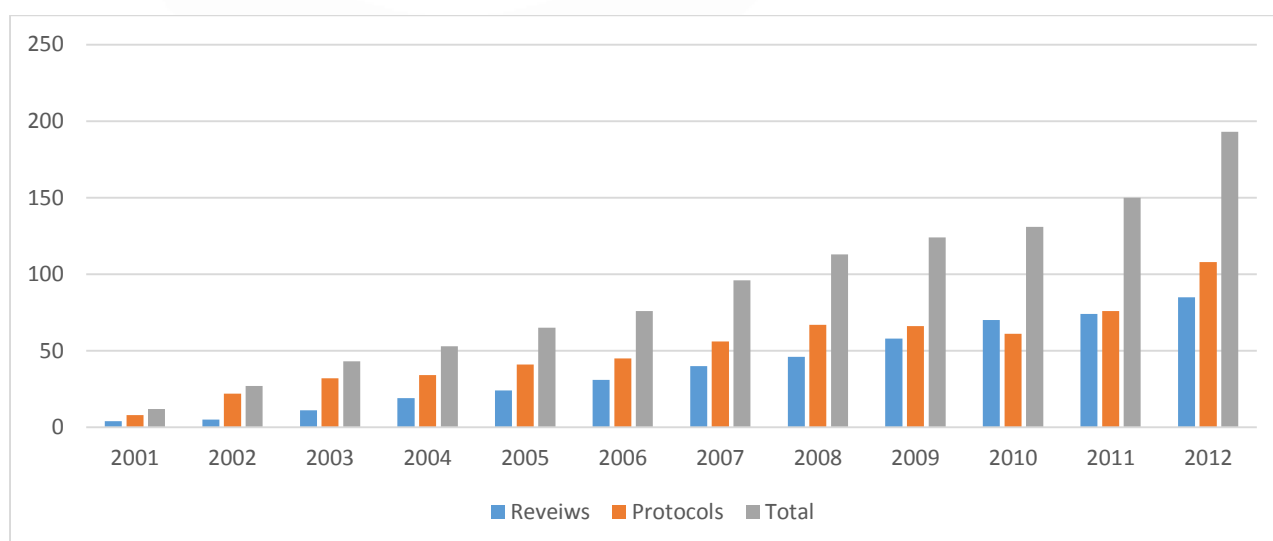
1. Martí-Carvajal AJ, Simancas-Racines D, Hidalgo R. Interventions for treating high altitude illness (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 1. Art. No.: CD009567. DOI: 10.1002/14651858.CD009567
2. Selig C, Schnabel A, Hollmann MW, Hahnenkamp K, Eberhart LHJ, Poepping D, Hahn N, Pace NL, Kranke P. Continuous intravenous perioperative lidocaine infusion for postoperative pain and recovery (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 2. Art. No.: CD009642. DOI: 10.1002/14651858.CD009642
3. Lambert P, Knight N, Middleton P, Cyna AM. Clonidine premedication for postoperative analgesia in children (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 2. Art. No.: CD009633. DOI: 10.1002/14651858.CD009633
4. Matthews AM, Fu R, Dana T, Chou R. Intranasal or transdermal nicotine for the treatment of postoperative pain (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 2. Art. No.: CD009634. DOI: 10.1002/14651858.CD009634
5. Taylor T, Dineen RA, Gardiner DC, Buss CH, Howatson A, Chuzhanova NA, Pace NL. Computed tomography (CT) angiography for confirmation of the clinical diagnosis of brain death (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 3. Art. No.: CD009694. DOI: 10.1002/14651858.CD009694
6. Rincón-Valenzuela DA, Eslava-Schmalbach J, Rodriguez-Malagon N. Ephedrine for shortening the time to achieve excellent intubation conditions during direct laryngoscopy in adults (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 3. Art. No.: CD009680. DOI: 10.1002/14651858.CD009680
7. Greve I, Vasilevskis EE, Egerod I, Bekker Mortensen C, Møller AM, Svenningsen H, Thomsen T. Interventions for preventing intensive care unit delirium (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 4. Art. No.: CD009783. DOI: 10.1002/14651858.CD009783
8. He X, Shi X, He Q. Dexmedetomidine for the management of fiberoptic intubation (Protocol). *Cochrane Database of Systematic Reviews* 2012, Issue 4. Art. No.: CD009798. DOI: 10.1002/14651858.CD009798
9. Huang Y, He Q, Yang LJ, Liu GJ. Cardiopulmonary resuscitation (CPR) plus delayed defibrillation versus immediate defibrillation for out-of-hospital cardiac arrest (Protocol).

- Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009803. DOI: 10.1002/14651858.CD009803
10. Gurusamy KS, Cooper J, Davidson BR. Anaesthetic regimens for day-procedure laparoscopic cholecystectomy (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009784. DOI: 10.1002/14651858.CD009784
 11. Zorzela LM, Punja S, Joffe A, Hartling L, Vandermeer B, Loke Y, Vohra S. Propofol infusion for paediatric sedation (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009813. DOI: 10.1002/14651858.CD009813
 12. Lihua P, Ke W, Su M. Different regimens of intravenous sedatives or hypnotics for electroconvulsive therapy (ECT) in adult patients with depression (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009763. DOI: 10.1002/14651858.CD009763
 13. Aitken LM, Bucknall T, Kent B, Mitchell M, Burmeister E, Keogh SJ. Protocol directed sedation versus non-protocol directed sedation to reduce duration of mechanical ventilation in mechanically ventilated intensive care patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009771. DOI: 10.1002/14651858.CD009771
 14. Martí-Carvajal AJ, Hidalgo R, Simancas-Racines D. Interventions for preventing high altitude illness (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 4. Art. No.: CD009761. DOI: 10.1002/14651858.CD009761
 15. Jordan J, Rose L, Dainty KN, Noyes J, Clarke S, Blackwood B. Factors that impact on the use of mechanical ventilation weaning protocols in critically ill adults and children: a qualitative evidence-synthesis (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 5. Art. No.: CD009851. DOI: 10.1002/14651858.CD009851
 16. Hansen MV, Halladin N, Rosenberg J, Gögenur I, Møller AM. Melatonin for preoperative anxiety in adults (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 5. Art. No.: CD009861. DOI: 10.1002/14651858.CD009861
 17. Mayfield S, Jauncey-Cooke J, Hough JL, Schibler A, Gibbons K, Bogossian F. High flow nasal cannula therapy for respiratory support in children (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 5. Art. No.: CD009850. DOI: 10.1002/14651858.CD009850
 18. Bishop JMS, Ansermino JM, Milner RA, Doan Q. Propofol and ketamine in combination versus ketamine or propofol alone for procedural sedation in children outside of the operating room (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 5. Art. No.: CD009862. DOI: 10.1002/14651858.CD009862
 19. Strametz R, Pachler C, Byhahn C, Siebenhofer A, Weberschock T. Laryngeal mask airway versus endotracheal tube for percutaneous dilatational tracheostomy in critically ill patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009901. DOI: 10.1002/14651858.CD009901
 20. Alderson P, Campbell G, Smith AF, Warttig S, Nicholson A, Lewis SR. Thermal insulation for preventing inadvertent perioperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009908. DOI: 10.1002/14651858.CD009908
 21. Chan WH, Shi X, Patton N. Local versus general anaesthesia for patients undergoing pars plana vitrectomy surgery (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009936. DOI: 10.1002/14651858.CD009936
 22. Alderson P, Campbell G, Smith AF, Warttig S. Pharmacological agents for preventing inadvertent perioperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009906. DOI: 10.1002/14651858.CD009906.
 23. Campbell G, Alderson P, Smith AF, Warttig S. Warming of intravenous and irrigation fluids for preventing inadvertent perioperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009891. DOI: 10.1002/14651858.CD009891
 24. Campbell G, Alderson P, Smith AF, Warttig S. Interventions for treating inadvertent postoperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009892. DOI: 10.1002/14651858.CD009892
 25. Bezerra AL, Anderlini A, de Andrade FMD, Figueiroa J, Lemos A. Inspiratory muscle training and physical training for reducing neuromuscular dysfunction in critically ill

- adults in intensive care units (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009970. DOI: 10.1002/14651858.CD009970
26. Murphy A, O'Sullivan R, Wakai A, Grant T, Barrett MJ, Cronin J, McCoy SC, Hom J. Intranasal fentanyl for the management of acute pain in children (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009942. DOI: 10.1002/14651858.CD009942
 27. Gilbert ET, Mitchell K, Martin D, Carlisle J, Grocott MPW. Permissive hypoxaemia versus normoxaemia for mechanically ventilated critically ill patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009931. DOI: 10.1002/14651858.CD009931
 28. van Miert C, Dwan K, Hill R, Hoenig MR, Gruen RL, Semple MG. Suction versus no suction for chest drain management (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009939. DOI: 10.1002/14651858.CD009939
 29. Lyons J, Foster B, Castillo L, Lyons BE. Insulin therapy for glycaemic control in critically ill children (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009983. DOI: 10.1002/14651858.CD009983
 30. van Wulfften Palthe AFY, Sonnega RJA, Kal JE, Busse JW, Bhandari M, Poolman RW. Intra-articular analgesia for anterior cruciate ligament reconstruction (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009947. DOI: 10.1002/14651858.CD009947
 31. Luo PF, Ren Y, Liu YL, Xia ZF. Ulinastatin and thymosin as immune modulators for the treatment of sepsis (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009940. DOI: 10.1002/14651858.CD009940
 32. Sanders RD, Nicholson A, Lewis SR, Smith AF, Alderson P. Perioperative statin therapy for improving outcomes during and after noncardiac vascular surgery (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009971. DOI: 10.1002/14651858.CD009971
 33. Chan EY, Fransen M, Parker DA, Assam PN, Chua N. Femoral nerve blocks for acute postoperative pain after knee replacement surgery (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009941. DOI: 10.1002/14651858.CD009941
 34. Prabhakar H, Singh GP, Anand V, Kalaivani M. Mannitol versus hypertonic saline for brain relaxation in patients undergoing craniotomy (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 8. Art. No.: CD010026. DOI: 10.1002/14651858.CD010026
 35. Tao KM, Li XQ, Yang LQ, Yu WF, Lu ZJ, Sun YM, Wu FX. Glutamine supplementation for critically ill adults (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010050. DOI: 10.1002/14651858.CD010050
 36. Furyk JS, Egerton-Warburton D, Meek RA. Drugs for the treatment of nausea and vomiting in adult patients in the emergency department setting (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010106. DOI: 10.1002/14651858.CD010106
 37. Nicholson A, Lewis SR, Cook TM, Smith AF. Supraglottic airway devices versus tracheal intubation for airway management during general anaesthesia in obese patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010105. DOI: 10.1002/14651858.CD010105
 38. Yang L, Yang D, Li Q, Zuo Y, Lu D. Neostigmine for reversal of neuromuscular block in paediatric patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010110. DOI: 10.1002/14651858.CD010110
 39. Guay J, Choi P, Suresh S, Ganapathy S, Albert N, Kopp S, Pace NL. Neuraxial blockade for the prevention of postoperative mortality and major morbidity: an overview of Cochrane systematic reviews (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010108. DOI: 10.1002/14651858.CD010108
 40. Chhabra A, Subramaniam R, Srivastava A, Prabhakar H, Kalaivani M. Spectral entropy monitoring for adults and children undergoing general anaesthesia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 10. Art. No.: CD010135. DOI: 10.1002/14651858.CD010135
 41. Yang LJ, He Q, Huang Y, Liu GJ. Chest compression alone versus chest compression plus artificial ventilation for out-of-hospital cardiac arrest (Protocol). Cochrane Database of

Systematic Reviews 2012, Issue 10. Art. No.: CD010134. DOI: 10.1002/14651858.CD010134

42. Nicholson A, Lewis SR, Coldwell CH, Smith AF. Nurse-led versus doctor-led preoperative assessment for elective surgical patients requiring regional or general anaesthesia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 10. Art. No.: CD010160. DOI: 10.1002/14651858.CD010160.
43. Bruder EA, Ball I, Ridi S, Pickett W, Hohl C. Single induction dose of etomidate versus other induction agents for endotracheal intubation in critically ill patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 11. Art. No.: CD010225. DOI: 10.1002/14651858.CD010225
44. Corley A, Rickard CM, Aitken LM, Johnston A, Barnett A, Fraser JF. High flow nasal cannulae for respiratory support in adult intensive care patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 11. Art. No.: CD010172. DOI: 10.1002/14651858.CD010172
45. Farzi S, Mahla E, Metzler H, Berghold A. The effect of preoperative treatment of P2Y12 receptor antagonists on perioperative bleeding and mortality in patients treated with coronary artery bypass grafting (CABG) (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 11. Art. No.: CD010195. DOI: 10.1002/14651858.CD010195
46. Chen K, Lu Z, Xin YC, Cai Y, Chen Y, Pan SM. Alpha-2 agonists for long-term sedation during mechanical ventilation in critically ill patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 12. Art. No.: CD010269. DOI: 10.1002/14651858.CD010269
47. Atchabahian A, Schwartz G, Hall CB, Lajam CM, Andreae MH. Regional analgesia for improvement of long-term functional outcome after elective large joint replacement (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 12. Art. No.: CD010278. DOI: 10.1002/14651858.CD010278.



The Cochrane Anaesthesia Review Group's publication in *The Cochrane Library* 2000 to 2012
Source: *The Cochrane Information Management System*

Peer reviewers

We would like to thank all the peer reviewers who have contributed to the CARG peer review process.

In particular we would like to thank the following peer reviewers who contributed to the editorial process of a protocol or review published in 2012:

Basem Abdelmalak, Marc Afilalo, Laura Amato, Sushil P Ambesh, Peter Andrews, Djillali Annane, Jasmin Arrich, Tomer Avni, Mazen Bader, Jane Ballantyne, William L. Baker, Leila Bender, Bronagh Blackwood, Fiona Blyth, Malcolm G Booth, Meredith Borland, Lisa Burry, Martin Burtscher, Eric Bruder, Alessandro Brunelli, Peter Bärtsch, Dominic Cave, Daniel Chappell, Douglas Coursin, Gregory Coté, Souhayl Dahmani, Mario Dauri, Andrew Davidson, HE Davies, Mark Davies, Marjolein de Wit, Sheena Derry, John Devlin, Wulf Dietrich, Lionel Dumont, Kevin Dysart, David Earl, Leo Eberhart, Ramin Ebrahimi, Ingrid Egerod, Regina El Dib, Gordon Ewy, Bernard Fikkers, Pamela Flood, Bradley Freeman, Louise Geneen, Donna Gillies, Kyle Grant; Steven M. Green, Ulrik Grevstad, John Griffiths, Richard D Griffiths, Mike Grocott, Joanne Guay, Paul Gurbel, Karin Hannes, Kirstine Moll Harboe, Janet Harris, John Heffner, David J Henderson-Smart, David Herd, Dean Hess, Daren Heyland, Julian Higgins, Carol Hodgson, Janneke Horn, Georgina Imberger, Jane Jackson, Ian Jacobs, Jan Jensen, Ari Joffe, Oliver Karam, Rita Katznelson, Gilwan Kim, Jung T Kim, Oliver Kimberger, Ronald L Koretz, Jean Kozak, Peter Kranke, John P Kress, Stephan Langevin, Patricia Lavand 'homme, Thomas Ledowski, Kari A Leiknes, Yannick Le Manach, Sandra Marini, Rainer Lenhardt, Tianjing Li, Jeffrey Lu, Jeffrey Man, Sandra Marini, Edward R Mariano, Donald R Mattison, William McIlvaine, Ewan McNicol, Andrew Moore, Michael Murray, Mark Neuman, Mina Nishimori, Mika Nonoyama, Ronan O'Sullivan, Peter Pappas, Anil Patel, Mical Paul, Elizabeth Proude, Richard Pumphrey, Yodying Punjasawadwong, Bernardo Ratilal, Santosh Rath, Jean-Damien Ricard, Helen Rushforth, Ian Russell, Jamie Sleigh. Claudia Spies, Scott Strassels, Stephen Streat, Michael M. Todd, Hugh A Sampson, Julieta Scalo, Prakesh Shah, Mark Skues, David Sohl, Maurizio Solca, Roger Soll, Scott Strassels, Mike Sury, Alasdair Sutherland, Gerald Stansby, Giovanni FM Strippoli, Santhanam Suresh, Thomas Sycha, Thordis Thomsen, Shelley Tranter, Wilton A van Klei, Tajender S Vasu, Dirk Vlasselaers, Jørn Wetterslev, Jijun Wang, Earl Williams, Teresa Williams, Dominic Wilkinson, Hilmar Wisplinghoff, AD Wright, Hannah Wunsch, G Bryan Young, Duncan Young, Gustavo Zanolli, and William Zempsky.

Impact Factor

Note that 2011 impact factors are actually published in 2012; they cannot be calculated until all of the 2011 publications have been processed by the indexing agency. Similarly, Wiley are able to inform us in 2011 which of our 2011 publications were most assessed or cited.

The impact factor of the *CDSR* for 2011 was 5.912. The *CDSR* is ranked in the top 10 (of 151) in the Medicine, General & Internal category.

The impact factor for *CARG* for 2011 was 3.900 (30 publications cited 117 times). A review published by the Anaesthesia Group in 2009 or 2010 was cited, on average, 3.900 times in 2011.

The top ten most cited reviews from the Anaesthesia Group contributing to the 2011 impact factor

CD Number	Review Title	Times cited in 2011
CD003281	Stimulation of the wrist acupuncture point P6 for preventing postoperative nausea and vomiting	21
CD004128	Hypothermia for neuroprotection in adults after cardiopulmonary resuscitation	18
CD002787	Inhaled nitric oxide for acute respiratory distress syndrome (ARDS) and acute lung injury in children and adults	14
CD006058	Incentive spirometry for prevention of postoperative pulmonary complications in upper abdominal surgery	7

CD007733	Aerosolized prostacyclin for acute lung injury (ALI) and acute respiratory distress syndrome (ARDS)	5
CD006667	Recruitment manoeuvres for adults with acute lung injury receiving mechanical ventilation	5
CD004126	Alpha-2 adrenergic agonists for the prevention of cardiac complications among patients undergoing surgery	5
CD004711	Heated humidification versus heat and moisture exchangers for ventilated adults and children	4
CD006447	Non-pharmacological interventions for assisting the induction of anaesthesia in children	4
CD003006	Transient neurologic symptoms (TNS) following spinal anaesthesia with lidocaine versus other local anaesthetics	4

The top ten most accessed reviews from the Anaesthesia Group

Reviews published by the Anaesthesia Group were accessed in full-text format on average 655.61 times during 2011 (79 articles accessed 51,793 times). This is a slight drop of 0.4% on the 2010 figure of 658.32 (72 articles accessed 47,399 times). So we have more reviews but our overall viewing rate has largely remained the same. Rather than academic citations this is the number of times someone physically goes into The Cochrane Library and reads or downloads a copy of a review by the Anaesthesia Group.

CD Number	Review Title	Full Text Accesses
CD004128	Hypothermia for neuroprotection in adults after cardiopulmonary resuscitation	3,074
CD004388	Human recombinant activated protein C for severe sepsis	2,094
CD003709	Vasopressors for hypotensive shock	2,036
CD004125	Drugs for preventing postoperative nausea and vomiting	1,939
CD006058	Incentive spirometry for prevention of postoperative pulmonary complications in upper abdominal surgery	1,603
CD004127	Noninvasive positive pressure ventilation as a weaning strategy for intubated adults with respiratory failure	1,381
CD002788	Rocuronium versus succinylcholine for rapid sequence induction intubation	1,356
CD006904	Protocolized versus non-protocolized weaning for reducing the duration of mechanical ventilation in critically ill adult patients	1,322
CD007871	Thrombelastography (TEG) or thromboelastometry (ROTEM) to monitor haemotherapy versus usual care in patients with massive transfusion	1,265
CD004581	Closed tracheal suction systems versus open tracheal suction systems for mechanically ventilated adult patients	1,260

The different review types registered by CARG

The majority of our reviews are intervention reviews. However, we also have two Diagnostic Test Accuracy (DTA) published protocols, and two registered DTA titles as well as many expressions of interest. We have one published qualitative protocol: *Factors that impact on the use of mechanical ventilation weaning protocols in critically ill adults and children: a qualitative evidence-synthesis*. We have one published Overview protocol: *Neuraxial blockade for the prevention of postoperative mortality*

and major morbidity: an overview of Cochrane systematic reviews. Another new type of review on prognosis and risk factors is now being implemented. Editors and authors of CARG have been chosen to create an exemplar prognostic review entitled *Prediction models for the risk of postoperative nausea and vomiting.*

Collaboration between CARG and the UK National Institute for Health Research (NIHR)

The University Hospitals of Morecambe Bay NHS Trust (UHMB) UK have been awarded a National Institute for Health Research (NIHR) and Cochrane Collaboration Programme Grant, to produce reviews that enhance the safety, quality and productivity of perioperative care. The team is based in Lancaster, UK and led by Prof Andrew Smith (CARG editor and Director, Lancaster Patient Safety Research Unit). CARG provides editorial support for these reviews.

The NIHR/Cochrane team published in 2012 six protocols and registered three new titles. They are also in the process of updating several CARG reviews.

The new NIHR/Cochrane published protocols are:

- Alderson P, Campbell G, Smith AF, Warttig S. Pharmacological agents for preventing inadvertent perioperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009906. DOI: 10.1002/14651858.CD009906.
- Campbell G, Alderson P, Smith AF, Warttig S. Warming of intravenous and irrigation fluids for preventing inadvertent perioperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009891. DOI: 10.1002/14651858.CD009891
- Campbell G, Alderson P, Smith AF, Warttig S. Interventions for treating inadvertent postoperative hypothermia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 6. Art. No.: CD009892. DOI: 10.1002/14651858.CD009892
- Sanders RD, Nicholson A, Lewis SR, Smith AF, Alderson P. Perioperative statin therapy for improving outcomes during and after noncardiac vascular surgery (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 7. Art. No.: CD009971. DOI: 10.1002/14651858.CD009971
- Nicholson A, Lewis SR, Cook TM, Smith AF. Supraglottic airway devices versus tracheal intubation for airway management during general anaesthesia in obese patients (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD010105. DOI: 10.1002/14651858.CD010105 Nicholson
- A, Lewis SR, Coldwell CH, Smith AF. Nurse-led versus doctor-led preoperative assessment for elective surgical patients requiring regional or general anaesthesia (Protocol). Cochrane Database of Systematic Reviews 2012, Issue 10. Art. No.: CD010160. DOI: 10.1002/14651858.CD010160

MECIR

Doing a systematic review is a complex process and the Cochrane Collaboration fosters high standards in their production. To this end, the Methodological Expectations of Cochrane Intervention Reviews (MECIR) project aimed to specify methodological expectations for Cochrane Protocols, Reviews, and updates of reviews on the effects of interventions, and to ensure that these methodological expectations are supported and implemented across The Cochrane Collaboration. They provide authors and users of The Cochrane Library with clear and transparent expectations of review conduct and reporting. These have been published and are available as a booklet (<http://www.editorial-unit.cochrane.org/mecir>) and as a poster. CARG editors reviewed the MECIR standards at the editorial meeting and have accepted them as a CARG standard.

CARG Editorial Board Meeting, Sicily November 2012

CARG held its 6th Editorial Board Meeting in Sicily from the 10th to 13th November 2012. The meeting was attended by 12 members of the CARG Editorial Board. This was a very busy and productive meeting. We discussed the following topics:

- The CARG Editorial status and CARG's achievements
- Updating reviews
- Plain language summaries and consumer feedback
- Bayesian methods for meta-analysis
- The Cochrane 20th Anniversary
- MECIR, summary of findings tables, checklists and GRADE within CARG
- Meta-analysis of prognosis risk factors
- Web learning for authors/editors



How we contribute to Cochrane

We increased awareness and participation of Cochrane by representing CARG in the following ways:

Cochrane Executives

Nathan Pace is a member of the Co-Ordinating Editors Executive.

Jane Cracknell is a member of the Managing Editors Executive

Other Cochrane Roles

Nathan Pace is a member of MARS (Methods Applications and Review Standards Working Group). He is also a member of the Workshops Committee for the 2013 Colloquium in Quebec, Canada.

Jane Cracknell is a member of the Cochrane 20th Anniversary Task force and co-convenor of Meetings and Conferences. She is also a member of the Monitoring and Registration Committee.

Conferences and Meetings

- Ann Møller, Jane Cracknell and Nathan Pace attended the Cochrane Mid year Meeting in Paris (April 2012)
- Jane Cracknell and Nathan Pace attended the 20th Cochrane Colloquium Auckland, New Zealand (Sept 2012)
- Jane Cracknell attended the 2nd meeting of the Enhancing the safety, quality and productivity of perioperative care: an National Institute for Health Research and Cochrane Collaboration Programme Grant, Lancaster, Uk (December 2012)

CARG Publications

Cochrane Anaesthesia News

Cochrane Anaesthesia News, the CARG Newsletter, is published on the CARG website once a year and distributed to CARG members and other interested parties worldwide.

CARG website

The new CARG website was launched in February 2006. Since 2010 CARG uses the Cochrane Collaboration's new website builder based on the Drupal platform. The website is updated periodically.

The website www.carg.cochrane.org contains information about:

- The CARG editors and CARG editorial office
- The CARG activities
- CARG policies
- The scope of the CARG
- The topics addressed by the CARG
- The reviews, protocols and titles supported by the CARG
- The CARG membership
- Writing a systematic review (resources for Review Authors)
- Other information about the CARG, including Cochrane Anaesthesia News
- The Cochrane Collaboration and anaesthesia-related entities, through Web links as well as CARG publications
- Introduction to consumers and handsearchers

TSC workload

Although the number of our publications is growing, our resources are limited. CARG only has 1.5 staff and a large number of review teams (over 250). Sadly we do not have the resources to offer unlimited TSC support to all authors. It has been decided that from now onwards all authors seeking TSC help must first contact the Managing Editor and ask for TSC help (specifying what that help is and in the case of papers whether they have gone through the steps below and meet the criteria). The Managing Editor will then allocate the TSC a task in the workflow and set a deadline for return of his work based on how urgent the task is and how much work the TSC already has with him. From now onwards the TSC will only:

- Develop searches for authors
- Run searches and send the full text results of those searches back to the authors
- Offer limited support in finding papers. Please be aware that help finding papers will only be offered to developing country authors.

Those authors must first:

1. Check the list of abstracts sent to them;
2. Check that the studies are relevant to their title;

3. Check that any studies of interest meet their inclusion criteria and finally
4. Check that the papers are not available online (by searching PubMed, Google and the relevant journal).
5. If the paper meets these inclusion criteria then the author should next write to the ME and request help. The ME will then set a task for The TSC.

Specialized Register (SR-ANAESTH)

The CARG maintains a register of more than 36,000 RCTs and CCTs related to: anaesthesia, perioperative medicine, intensive care medicine, pre-hospital medicine, resuscitation and emergency medicine. The register is maintained on Cochrane CRS software, and searches for trials are performed quarterly. Trials included in the register are tagged SR-ANAESTH, and the tag term may be searched in the Cochrane Library. The register has now been submitted to CENTRAL. Access to the register is available to authors and other members of the CARG.

Handsearching

Members of the CARG are actively involved in handsearching anaesthesia journals in order to identify RCTs and CCTs for inclusion in systematic reviews and Specialized Register. We are looking for new handsearchers to help us increase our handsearch activities.

Consumer representation in CARG reviews

We have an active consumer panel consisting of: Suzanne Cunliffe, Ann Fonfa, Clare Jeffrey, Tracey Lloyd, Anne Lyddiatt, Jenny Pace, Janet Wale (consumer editor) and Durhane Wong-Rieger.

Each Cochrane review contains a plain language summary (PLS). The PLS are now stand-alone documents and will be published in PubMed Health, a service from the US National Library of Medicine (NLM) aimed at the public. This has the potential to greatly increase the number of people reading the PLS and also clicking through to the abstracts and full-text reviews. It is important therefore that the PLS is consistent with the review and readable. We have, therefore, asked our group of consumers to concentrate on helping us improve the quality of CARG's PLS.

We would welcome more new consumers.

We achieved the following goals in 2012

- We held a successful CARG editors' meeting
- We published 21 reviews (11 new and 10 updated) and 47 protocols

Our goals for 2013

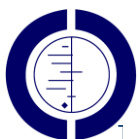
- To continuously improve the quality and the clinical relevance of CARG reviews
- To publish 15 reviews and 20 protocols

Funders

- Region Hovedstaden
- Familien Hede Nielsens Fond
- NIHR

Budget

Budget (in Danish Kroner)	Funds
Income	1.358.000 (approximately 182.000 EUR)
Total Expenditures	1.173.000 (approximately 157.000 EUR)
Balance	185.000 (approximately 25.000 EUR)



CARG Annual Report is published by the Cochrane Anaesthesia Review Group (CARG). It is distributed by CARG worldwide. CARG is a part of The Cochrane Collaboration (UK registered Charity No. 1045921) For more information about CARG's International Newsletter please contact us Tel: (0045) 35 45 73 24 • Fax: (0045) 35 45 74 54