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Preface

Welcome to the 2010 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 is now published on-line 12 times a year instead of quarterly. 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 12 new reviews, seven updated reviews and 15 new protocols in 2010. The total number of CARG reviews and protocols in The Cochrane Library is now 70 reviews and 60 protocols. We are confident, that with your help, we will do even better in 2011.

In 2010, we noticed an increased interest in registering titles in anaesthesia, emergency medicine and intensive care, especially from authors in China.

We attended the first joint Cochrane – Campbell Colloquium in Keystone, Colorado, USA.

We also attended the European Cochrane meeting in Perugia, Italy.

There have been changes to the group. Two new editors joined CARG and one editor took a sabbatical year. We also said goodbye at the end of 2010 to our secretary, we will miss her. All these changes and others are detailed further on in the annual report.

We would like to thank CARG’s worldwide contributors 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 2010. Without their important support it would not be possible to continue the work of CARG.

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

Copenhagen, February 2010
The Cochrane Anaesthesia Review Group (CARG)

CARG conducts systematic reviews of randomized controlled trials (RCTs) and other controlled Clinical Trials (CCTs) of interventions evaluating outcomes in:

- Anaesthesia
- Perioperative medicine
- Intensive care medicine
- Emergency medicine
- Prehospital 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 Panum Institute, Rigshospitalet, Copenhagen, Denmark.

Ann M Møller, MD, DMSc, Associate Professor
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

Georgina Imberger MBBS, FANZCA
PhD student

Arash Afshari, MD
PhD student
CARG Editors

In 2010 Martha Delgado took a year’s sabbatical to complete her fellowship in Medical Education

We welcomed two new editors: Mark Neuman and Cathal D Walsh. Mark is a Clinical Scholar, Robert Wood Johnson Foundation Clinical Scholars Program, University of Pennsylvania, Philadelphia, USA. Cathal is a senior lecturer in statistics at Trinity College Dublin. His Ph.D was on Bayesian modeling. Cathal's research interests are in Bayesian methods and medical statistics. At present he is focused on methods for evidence synthesis and the use of latent variables in modeling heterogeneity in study populations.

Our secretary Annette van Hauen retired in December 2010. We would like to wish Annette a long and happy retirement and thank her for all her work with CARG.

- Michael Bennett, Australia
- John Carlisle, UK (Feedback Editor)
- Martha Delgado, Colombia (sabbatical)
- Harald Herker, Austria
- Stephan Kettner, Austria
- Anna Lee, Hong Kong
- Ann M. Møller, Denmark
- Mark Neuman, USA
- 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, handsearching, 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, 2010

We published 12 new reviews, 7 updated reviews and 15 protocols in 2010. One of those reviews: Bradt J, Dileo C, Grocke D. Music interventions for mechanically ventilated patients. Cochrane Database of Systematic Reviews 2010, Issue 12. Art. No.: CD006902. DOI: 10.1002/14651858.CD006902.pub2, was featured as a podcast and as a news alert.

The Cochrane Anaesthesia Review Group’s publication in *The Cochrane Library* 2000 to 2010
Source: The Cochrane Information Management System

**New reviews**


Updated reviews


**New protocols**


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 2010:


Publishing agreement with Anesthesia and Analgesia (A&A)

The Cochrane Anaesthesia Review Group has a publishing agreement with A&A. All newly published CARG reviews can be submitted to A&A. (Please be aware that authors do not have to submit their abstracts to A&A, they are entitled to seek publication in a journal of their choice. (Each individual republication is of course subject to Cochrane Library approval). Authors are made aware that the editors’ of A&A may either decide to publish their Cochrane abstract in a new Cochrane Corner or the full review. (If the
The editor in chief accepts the full review then it will need to be edited in accordance with A&A’s style guidelines and will enter A&A’s editorial process.

Monthly publication of the Cochrane Database of Systematic Reviews (CDSR)

From January 2010 the Cochrane Database of Systematic Reviews has been published monthly instead of quarterly. This means that there are now 12 opportunities to submit reviews for publication instead of just four times a year. The increased publication frequency has brought benefits to our readers, authors, and editorial teams.

The first issue of 2010 was published on 20th January; Issue 2 was published on 17th February; Issue 3 in March and so on.

Impact Factor

Note that 2009 impact factors are actually published in 2010; they cannot be calculated until all of the 2009 publications have been processed by the indexing agency; similarly Wiley are able to inform us in 2010 which of our 2009 publications were most assessed or cited.

The impact factor of the CDSR for 2009 rose to 5.653; a 9% rise on the previous year. The impact factor for CARG for 2009 was 4.526 (19 publications were cited 86 times). This means that a review published by the Anaesthesia group in 2007 or 2008 was cited, on average, 4.526 times in 2009.


The next most cited review was Perry JJ, Lee JS, Sillberg VAH, Wells GA. Rocuronium versus succinylcholine for rapid sequence induction intubation. Cochrane Database of Systematic Reviews 2008, Issue 2. Art. No.: CD002788. DOI: 10.1002/14651858.CD002788.pub2. This review was cited 13 times in 2009.

Most accessed Anaesthesia review

The most accessed Anaesthesia review was Carlisle J, Stevenson CA. Drugs for preventing postoperative nausea and vomiting. Cochrane Database of Systematic Reviews 2006, Issue 3. Art. No.: CD004125. DOI: 10.1002/14651858.CD004125.pub2. This review received 1891 full text accesses in 2009.

Diagnostic test accuracy (DTA) reviews

A second DTA protocol “Computed tomography (CT) angiography for confirmation of the clinical diagnosis of brain death” is in the editorial process.

Lectures, Conferences and Meetings

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

Conferences and Meetings

- Cochrane Continental European Entities Meeting in, Perugia, Italy June, 2010
- 18th Cochrane Colloquium Keystone, Colorado, USA (October 2010)

National Institute of Health Research (NIHR) Cochrane Review Incentive Scheme 2010

We are delighted to announce that Neill Adhikari and Mike Grocott have been awarded NIHR incentive awards to facilitate the completion of their reviews "Pharmacologic therapies for adults with acute lung injury and acute respiratory distress syndrome" (update) and “Perioperative increase in global blood flow to explicit defined goals and outcomes following surgery” (new review)

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 CARG new web site was launched in February 2006. Since 2010 CARG uses the Cochrane Collaboration’s new web site builder based on Drupal platform. The web site 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
Specialized Register (SR-ANAESTH)

The CARG maintains a register of more than 33,000 RCTs and CCTs related to: anaesthesia, perioperative medicine, intensive care medicine, pre-hospital medicine, resuscitation and emergency medicine. The register is maintained on ProCite software, and searches for trials are executed 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, the Specialized Register, the Cochrane CENTRAL Register of Controlled Trials and The National Library of Medicine, CARG’s HS-ANAESTH results have been submitted to NECC@P Central.

We currently have two active handsearchers. We are looking for new handsearchers to help us increase our handsearch activities.

Consumer representation in CARG reviews

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

We achieved the following goals in 2010

- We recruited a statistical editor
- We updated “tips for authors” and “tips for peer reviewers”
- We published 12 reviews and 15 protocols
- We published seven updated reviews and started the process with many more
- Many people expressed interest in handsearching
- We set in process a rm5 and IMS training and mentoring system for new editors

Our goals for 2011

- To recruit another intensive care editor
- To recruit another anaesthesia editor
- To publish 10 reviews and 20 protocols
- To keep CARG reviews updated
- To continuously improve the quality and the clinical relevance of CARG reviews
- To start planning for the 2012 CARG editors’ meeting
Funders

- Region Hovedstaden
- Sofus Carl Emil Friis og Hustru Olga Doris Friis’ Legat
- Wedell Fond
- Familien Hede Nielsens Fond

Budget

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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 • Email: carg@cochrane.dk