



CMSG Newsletter

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**CMSG 2010
IMPACT FACTOR IS:
7.310 !!**

NOVEMBER 2010

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The Cochrane Musculoskeletal Review Group

The Cochrane Musculoskeletal Review Group (CMSG) is one of 52 groups that are part of the Cochrane Collaboration. Cochrane is an international organization that aims to help people make well informed decisions about health care by preparing, maintaining and promoting reviews of the effects of health care treatments.

The CMSG editorial base is in Ottawa, Canada, and Melbourne, Australia, and has members who are health care professionals, researchers and consumers from around the world.

Reviews produced by the CMSG cover many areas of musculoskeletal conditions, such as gout, lupus, fibromyalgia, osteoarthritis, rheumatoid arthritis, paediatric rheumatology, soft tissue conditions, spondyloarthropathy, systemic sclerosis and vasculitis.

[http://
musculoskeletal.cochrane.org/](http://musculoskeletal.cochrane.org/)



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(Health Economist)

WHAT'S NEW AT THE CMSG

New CMSG Staff

The winds of change are blowing at the Cochrane Musculoskeletal Group (CMSG)! Jordi Pardo Pardo has accepted the role of CMSG Acting Managing Editor during the parental leave of Lara Maxwell.

Tamara Rader has taken over the role of CMSG Trial Search Co-ordinator from long-serving member Louise Falzon. Jordi and Tamara have been involved with the CMSG team for some time now, so the transition should be relatively smooth.

We would like to sincerely thank Louise for her valuable contributions to the CMSG. The enthusiasm she brought to her work will be sorely missed, but she leaves an excellent legacy to build upon!

New Editors

We would like to welcome these new editors to the CMSG team!

Isabelle Boutron (France)
Ernest Choy (United Kingdom)
Rhian Goodfellow (United Kingdom)
Tracey Howe (United Kingdom)
Philippe Ravaud (France)

New and Updated CMSG Reviews & Protocols - 2011

In total, 144 reviews and 83 protocols have been published in the Cochrane Library. Thank you for your hard work!

New and Updated REVIEWS - 2011

Issue 2

- Adverse effects of biologics: a network meta-analysis and Cochrane overview. Singh JA, et al.
- Certolizumab pegol (CDP870) for rheumatoid arthritis in adults. Ruiz Garcia V, et al.
- Herbal therapy for treating rheumatoid arthritis. Cameron M, et al.

Issue 3

- Surgery for lateral elbow pain. Buchbinder R, et al.

Issue 7

- Exercise for preventing and treating osteoporosis in postmenopausal women. Howe TE, et al.

Issue 10

- Combination therapy for pain management in inflammatory arthritis (rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, other spondyloarthritis). Ramiro S et al.
- Pain management for rheumatoid arthritis and cardiovascular or renal comorbidity. Marks JL et al.

Issue 11

- Antidepressants for pain management in rheumatoid arthritis. Richards BL et al.
- Opioid therapy for treating rheumatoid arthritis pain. Whittle SL, et al.
- Safety of non-steroidal anti-inflammatory drugs, including aspirin and paracetamol (acetaminophen) in people receiving methotrexate for inflammatory arthritis (rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, other spondyloarthritis). Colebatch AL, et al.

New and Updated PROTOCOLS - 2011

Issue 1

- Antidepressants for pain management in rheumatoid arthritis. Richards BL, et al.
- Botulinum toxin injection for tennis elbow. Smidt N, et al.
- Interventions for lateral hip pain (tendinopathy or bursitis). Bierma-Zeinstra, et al.
- Muscle relaxants for pain management in rheumatoid arthritis. Richards BL, et al.
- Neuromodulators for pain management in rheumatoid arthritis. Richards BL, et al.
- Pain management for inflammatory arthritis and gastrointestinal or liver comorbidity. Radner H, et al.
- Pain management for rheumatoid arthritis and cardiovascular or renal co-morbidity. Marks JL, et al.
- Self-management education programmes for osteoarthritis. Pitt V, et al.
- Shock wave therapy for rotator cuff disease with or without calcification. Buchbinder R, et al.

Issue 5

- Image-guided versus blind corticosteroid injection for shoulder pain. Roos JF, et al.

Featured reviews in 2011

Congratulations to Jasvinder A. Singh and co-authors for being featured by Med Citizen and the Irish Medical Times earlier this year.

Singh JA, Wells GA, Christensen R, Tanjong Ghogomu E, Maxwell L, MacDonald JK, Filippini G, Skoetz N, Francis D, Lopes LC, Guyatt GH, Schmitt J, La Mantia L, Weberschock T, Roos JF, Siebert H, Hershan S, Lunn MPT, Tugwell P, Buchbinder R. Adverse effects of biologics: a network meta-analysis and Cochrane overview. *Cochrane Database of Systematic Reviews* 2011, Issue 2. Art. No.: CD008794. DOI: 10.1002/14651858.CD008794.pub2



Congratulations to Tracey E. Howe and co-authors for being featured by HBNS (the Health Behavior News Service) and as a podcast earlier this year.

Howe TE, Shea B, Dawson LJ, Downie F, Murray A, Ross C, Harbour RT, Caldwell LM, Creed G. Exercise for preventing and treating osteoporosis in postmenopausal women. *Cochrane Database of Systematic Reviews* 2002, Issue 3. Art. No.: CD000333. DOI: 10.1002/14651858.CD000333.



Congratulations to Tania Winzenberg and co-authors. Your review will be featured in an upcoming issue of *Evidence-Based Child Health: A Cochrane Review Journal*.

Winzenberg TM, Powell S, Shaw KA, Jones G. Vitamin D supplementation for improving bone mineral density in children. *Cochrane Database of Systematic Reviews* 2010, Issue 10. Art. No.: CD006944. DOI: 10.1002/14651858.CD006944.pub2.

Top 50 Accessed Reviews

The Cochrane Top 50 Accessed Articles list was formulated by Wiley and published on the Cochrane website. The following MSG reviews have made the list in the last 3 months:

- Diacerein for osteoarthritis
- Surgery for thumb (trapeziometacarpal joint) osteoarthritis
- Exercise therapy for patellofemoral pain syndrome
- Glucosamine therapy for treating osteoarthritis
- Exercise for preventing and treating osteoporosis in postmenopausal women
- Acupuncture for shoulder pain
- Arthroscopic debridement for knee osteoarthritis

Consumer Corner

Our consumer group keeps growing!

The Consumer Group would like to welcome the following new members who have joined the group this year;

Marilyn H Bamford, USA
 Susan Bartlett, Canada
 Chretien Bourque, Canada
 Mary Kepert, Australia
 Juan Carlos Murilla Correa, Colombia
 Gladis Patricia Rendon, Chile
 Margit Settan, Germany

Thank you!

We are grateful to the stipend committee of the Cochrane Collaboration for helping some of our consumers attend the 19th Cochrane Colloquium in Madrid to represent us at various meetings and make poster and other presentations.

Marilyn Bamford
 Claudia Cattivera
 Anne Lyddiatt
 Marilyn Walsh

Consumer activities

Consumers make a valuable contribution to the CMSG in so many ways and we want to acknowledge all our consumer volunteers for their hard work this year. Many thanks to the following Consumers who have volunteered their time and talents this year by commenting on reviews, protocols and patient decision aids, promoting the work of Cochrane, writing letters of support, volunteering on various committees and helping on special projects:

Mary Brachaniec
 Claudia Cattivera
 Delia Cooper
 Janet Gunderson
 Kyle Gunderson (for poster design!)
 Caleb Higdon
 Loretta Hillier
 Anne Lyddiatt
 Alfretta Van der Hayden
 Marilyn Walsh



From left to right: Delia Cooper, Mary Brachaniec, Marilyn Walsh, Janet Gunderson at the 9th Annual Cochrane Canada Symposium in Vancouver. 2011

Presentations related to Consumer activities

Please contact us for slides or more information on any of the following:

- Rader T, Patient and public involvement in the work of Cochrane Musculoskeletal Group. Rheumatology 2011, Brighton UK, April 2011.
- Rader T, Maxwell L, Ghogumu E, Welch V, Tugwell P, Making Decisions using Cochrane evidence: A practical tool for patients and their health care providers. 9th Annual Cochrane Canada Symposium; Vancouver, BC February 2011.
- Walsh M, Rader T, Consumer Support in Difficult Times through Patient-to-Patient Information about The Cochrane Collaboration: A Case Study. 9th Annual Cochrane Canada Symposium; Vancouver, BC February 2011.
- Rader T, Lyddiatt A, Gunderson J, Fyfe C, Ghogomu, E. Knowledge translation by consumers: Development of a promotion kit for use by consumers to promote the work of the Cochrane Collaboration and dissemination of Cochrane reviews. Joint Colloquium of the Cochrane & Campbell Collaborations. Keystone, CO, USA October 2010.
- Rader T. The 20x20 International Panel for Consumers in Arthritis Research: an initiative of the Cochrane Musculoskeletal Group. Joint Colloquium of the Cochrane & Campbell Collaborations. Keystone, CO, USA October 2010.

Also, in Vancouver, Members of CMSG took part in a panel discussion entitled, Everything you ever wanted to know about consumer involvement in Cochrane. The panel included: Catherine McIlwain, Consumer Coordinator, Cochrane Collaboration, UK; Mary Brachaniec, Consumer author and contributor to the Cochrane Musculoskeletal Group, Moncton, New Brunswick; and Tamara Rader (for Anne Lyddiatt), Knowledge Translation Specialist, Cochrane Musculoskeletal Group, Ottawa, Ontario.

Alejandra Jaramillo, a Masters student in Health Systems supervised by Peter Tugwell collaborated with CMSG to assist with the definition of research priorities in osteoarthritis. She conducted two workshops at the 2009 Colloquium in Singapore : a patient-only workshop with seven consumer participants and a second workshop with 21 patients, researchers and healthcare practitioners.

She proudly presented her thesis defence on Wednesday April 06 2011 .

Congratulations Alejandra!



CMSG Knowledge Translation Activities

The Cochrane Corner at the Institute of Musculoskeletal Health and Arthritis website



The Canadian Institutes of Health Research's (CIHR) Institute of Musculoskeletal Health and Arthritis (IMHA) partnered with the Cochrane Musculoskeletal Group (CMSG) and the Cochrane Back Group to disseminate Cochrane reviews to researchers and members of the public. New and updated reviews are highlighted on this website to inform researchers and consumers alike about the current evidence in musculoskeletal conditions. For more information go to: <http://www.cihr-irsc.gc.ca/e/13217.html>

Institute of
Musculoskeletal
Health and Arthritis | Institut de
l'appareil locomoteur
et de l'arthrite

Patient Decision Aids

In conjunction with the Patient Decision Aids Research Group, we have been working on the expansion of our current decision aids, as well as in the production of new formats. Decision aids are derivative products from the reviews designed to assist consumers on the decision making process related to the use (or not) of health interventions. We currently have 11 decision aids available on our website (<http://musculoskeletal.cochrane.org/decision-aids>).

We are working on the development of a more complex format of decision aids—a stepped Decision Aid. The objective is to help patients to navigate through a wide variety of therapeutic options and choose the one that could be more adequate to their preferences and values.

- Should I take Abatacept for RA?
- Should I take Etanercept for RA?
- Should I take Tocilizumab for RA?
- Should I take Methotrexate for RA?
- Should I take Methotrexate for RA with other DMARDS?
- What are my options for managing hip or knee arthritis?
- Should I use TENS for OA?
- Should I have ultrasound for OA?
- Should I take Alendronate to prevent fractures?
- Should I take Risedronate to prevent fractures?
- Should I take Etidronate to prevent fracture?

Cochrane Impact Factor

The Cochrane Database of Systematic Reviews (CDSR) had an impact factor (IF) for 2010 of **6.186**. The impact factor is a tool for running, evaluating, and comparing journals. It is a measure of the frequency with which the “average article” in a journal has been cited in a particular year. The impact factor is calculated by dividing the number of citations from a particular year to the source items published in that journal during the previous two years. In 2008-2009 1,128 reviews were published, and they were cited 6,978 times in 2010.

In order to provide an estimate of the individual groups performance, Wiley, the publisher of The Cochrane Library, calculates what is the impact factor for each individual group using the citations and the production made for each group. This data is unofficial, as it is not an approved Impact Factor. The Musculoskeletal Group (CMSG) publish 29 reviews during 2008 and 2009, receiving 212 citations, that will be equivalent to an impact factor of 7.310 for 2010 (up from 6.409 in 2009). This is a really good result, compared to other journals that will be comparable for the number of reviews and subject: Orthopaedics 1.164, Osteoarthritis and Cartilage, 3.953, and BMC Musculoskeletal disorders 1.941.

Update from the CMSG Australian Editorial Base

The Australian Editorial Base of CMSG continues to prepare and maintain Cochrane reviews through training and mentoring of individual authors. It is currently responsible for the publication and maintenance of more than 70 review titles.

Knowledge Translation in Australia

Local Arthritis consumer groups provide links on their websites to the CMSG plain language summaries of Cochrane reviews on arthritis and other related conditions, at www.arthritisvic.org.au

A continuing series of articles for primary care physicians that show how the results of Cochrane reviews can be used in clinical practice are being published in *Journal of Family Practice*, which has a circulation of 95,000. The series so far includes articles on the use of steroids or NSAIDs for gout, and pain management options for osteoarthritis.

The Linking Evidence And Practice (LEAP) series in the international journal, *Physical Therapy* was launched at the beginning of last year. Like the series in *Journal of Family Practice*, this series is designed to highlight the results of Cochrane reviews relevant to physical therapists. Each article, written by one or more clinicians, presents a clinical case along with a synthesis of the relevant Cochrane review and the applicability of this evidence to practice is highlighted. The reviews are not restricted CMSG topics but have covered a variety of topics to date including exercise for osteoarthritis of the knee, exercise for intermittent claudication, exercise for managing cancer-related fatigue, school-based physical activity and fitness promotion, improving physical function and performance with progressive resistance strength training in older adults, and pulmonary rehabilitation following acute exacerbation of chronic obstructive pulmonary disease.

New and updated Cochrane reviews appear regularly in the newsletter of the Australian Rheumatology Association.

The 3e Initiative: Managing pain in inflammatory arthritis

The 3e (Evidence, Expertise, Exchange) Initiative is a multinational collaboration aimed at promoting evidence-informed practice in rheumatology by developing practical recommendations that address important clinical problems. The aim of the 2010 3e Initiative was to develop practical recommendations for the use of pharmacotherapy in the management of pain in patients with inflammatory arthritis, by integrating systematically generated evidence with the expertise of a broad panel of international rheumatologists. As part of the initiative, ten international fellows working in Australia, Canada, the UK, Netherlands, Germany and Austria, supervised by mentors in these countries, performed a series of systematic reviews, eight of which were Cochrane reviews. The completed reviews (titles shown below) are expected to be published over the next couple of months.

Meanwhile the 2012 3e initiative on the diagnosis and management of gout is well underway with several new and updated Cochrane reviews in development.

Management of pain in patients with inflammatory arthritis - Cochrane reviews

- Safety of non-steroidal anti-inflammatory drugs, including aspirin, and/or paracetamol (acetaminophen) in people receiving methotrexate for inflammatory arthritis (rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, other spondyloarthritis). Colebatch AN, et al.
- Pain management for rheumatoid arthritis and cardiovascular or renal comorbidity. Marks JL, et al.
- Pain management for inflammatory arthritis (rheumatoid arthritis, psoriatic arthritis, ankylosing spondylitis and other spondylarthritis) and gastrointestinal or liver comorbidity. Radner H, et al.
- Combination therapy for pain management in inflammatory arthritis (rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, other spondyloarthritis). Ramiro S, et al.
- Antidepressants for pain management in rheumatoid arthritis. Richards BL, et al.
- Muscle relaxants for pain management in rheumatoid arthritis. Richards BL, et al.
- Neuromodulators for pain management in rheumatoid arthritis. Richards BL, et al.
- Opioid therapy for treating rheumatoid arthritis pain. Whittle SL, et al.

Our Funders - Thank you!

- Canadian Institute of Health Research (CIHR) Knowledge Translation Branch
- CIHR Institutes Musculoskeletal Health and Arthritis,
- The Australian Government Department of Health and Ageing
- Cabrini Institute, Melbourne, Australia



UPCOMING EVENTS

9 - 10 May 2012 in the Cultural Cradle of Canada, Winnipeg!

Presymposium workshops will take place on 7 - 8 May 2012.

Stay tuned for more information!



COCHRANE CANADA – 10TH ANNUAL SYMPOSIUM

The Cochrane Canada 10th annual symposium will be held in the Cultural Cradle of Canada, Winnipeg on 9 - 10 May 2012 with the presymposium program on 7 - 8 May.



OMERACT 11

OMERACT 11 will be held at Pinehurst in North Carolina in the USA.

13 - 18 May 2012

Registration will open in October 2011.

2012 COCHRANE COLLOQUIUM IN CHINA

Due to changes within the last few months in Chinese government policy governing scientific meetings in China, there is now uncertainty as to whether the 2012 Cochrane Colloquium in China can go ahead in its current form.

Should the Colloquium go ahead in China as planned, it will not happen in Nanning as previously stated, but in Chengdu, Sichuan province.

More details will be provided in due course.