

NEWSLETTER n°3 – April 2014

HAPPY NEW YEAR 2014!



The PEC Field team wishes you all the best for 2014.

This year, the PEC Field introduces the **Practical Evidence About Real Life Situations (PEC PEARLS)** to improve review dissemination. And of course, all year round, meet us in training sessions, conferences, meta-analysis workshops...

... or simply on our website www.pecfield-cochrane.org!

★ PEC FIELD'S MAJOR CONTRIBUTORS ★



Eddy Lang, MD (Canada)
Member of the Advisory Board of the PEC Field

He currently holds the position of Interim Department Head and Senior Researcher in the Department of Emergency Medicine at the University of Calgary having recently moved from McGill University. Specific areas of interest include Knowledge Translation, Evidence-Based Medicine and faculty development.

LATEST NEWS

Collaborations

We are pleased to announce our collaboration with the Canadian Association of Emergency physicians!



All collaborations [here](#)

Welcome to our new active contributors

Welcome to Andrea Penalozza (Belgium), Iannone Primiano (Italy), Martin Alfonso (Spain), Kirk Magee (Canada) and Robert Green (Canada)!

All contributors [here](#)

The PEC Field supports :



RECENT REVIEWS

[Beta lactam antibiotic monotherapy versus beta lactam-aminoglycoside antibiotic combination therapy for sepsis](#)

Paul M, Lador A, Grozinsky-Glasberg S, Leibovici L

Sixty-nine trials (7863 randomized patients) were included in this review. The addition of an aminoglycoside to beta lactams for sepsis should be discouraged. All-cause mortality rates are unchanged. Combination treatment carries a significant risk of nephrotoxicity.

[Chest radiographs for acute lower respiratory tract infections](#)

Cao AY, Choy JP, Mohanakrishnan L, Bain RF, van Driel M

Two trials (2024 patients) were included in this review which showed no significant difference in patients outcomes between those who had a chest X-ray and those who did not. The evidence was of moderate quality. Further studies are needed to verify these findings in all populations and settings.

[Fibrinolytic agents for peripheral arterial occlusion](#)

Robertson I, Kessel DO, Berridge DC

Streptokinase was originally used but safety concerns have led to the introduction of other agents such as urokinase and recombinant tissue-Plasminogen Activator (rt-PA). Intra-arterial rt-PA and urokinase seem to have potential advantages, such as improved safety, greater efficacy, and a more rapid response.

[Nerve blocks for initial pain management of femoral fractures in children](#)

Black KJL, Bevan CA, Murphy NG, Howard JJ

Low quality evidence from one small trial suggests that fascia iliaca compartment block provides better and longer lasting pain relief with fewer adverse events than intravenous opioids for femur fractures in children.

[Once versus twice daily low molecular weight heparin for the initial treatment of venous thromboembolism](#)

Sherab Bhutia, Peng F Wong

Once daily treatment with LMWH is as effective and safe as twice daily treatment with LMWH.

[Nitrates for acute heart failure syndromes](#)

Wakai A, McCabe A, Kidney R, Brooks SC, Seupaul RA, Diercks DB, Salter N, Fermann GJ, Pospisil C

There appears to be no significant difference between nitrate vasodilator therapy and alternative interventions in the treatment of Acute Heart Failure Syndromes (AHFS). Nitrates may be associated with a higher incidence of adverse effects after three hours compared with placebo.

FIND ALL THE COCHRANE REVIEWS ABSTRACTS [HERE](#)

EVENTS

Urgences 2014 Marrakech, Morocco

21st February 2014

« Méthodologie Cochrane Polytraumatisme »

8.30 am – 10.00 am

10.30 am – 12.00 am



Catholic University Louvain, Belgium

25th February 2014

« Critical appraisal of systematic reviews with the PEC Field »

5.30 pm

The PEC Field will be present at:



URGENCES 2014

Paris, France

4th-6th June 2014



Clinical Epidemiology Unit, American University of Beirut, Lebanon, August 2014

« How to conduct a Cochrane systematic review »

22nd COCHRANE COLLOQUIUM

Hyderabad, India

21st-25th September 2014



PEC PEARLS

(Practical Evidence About Real Life Situations)

The PEC PEARLS are inspired by the PEARLS of the Cochrane Primary Care Field. They consist of short review summaries **with commentary**, selected because they induce a change in our daily clinical practice. The PEC PEARLS will be published regularly on our website, and also in several Emergency Medicine journals.

INSIDE THE COCHRANE COLLABORATION

Throughout 2013, the PEC Field supported Emergency Medicine by working with various Cochrane [Review Groups](#):

- The PEC Field is participating in the production of a review with the [French Satellite Group](#) of the [Cochrane Skin group](#).
- From South Africa: a new meta-analysis is being considered by the Editorial Board of the [Cochrane Bone, Joint and Muscle Trauma Group](#).
- From Canada: a new systematic review is being considered by the Editorial Board of the [Cochrane Anaesthesia Group](#).
- From France: a new meta-analysis should soon be submitted to the [Cochrane Injuries Group](#) for consideration.

[Suggest a question for systematic review here](#)

The PEC Field Director, Dr. Patricia Jabre, recently became a member of the Field's Executive.

The PEC Field needs you!



[Help us find funds](#)

Congratulations

The PEC Field is proud to announce that one of its active contributors is also an international boxing champion!

Congrats Hayatte Akodad!



LEARN MORE WITH...

THE CANADIAN COCHRANE CENTER



Centre canadien Cochrane

Cochrane Canada Live!

The Canadian Cochrane Centre organizes webinar series directed towards anyone interested in systematic reviews and evidence-based health care.

[***Read more here***](#)

All webinar series are free of charge, and registration is open to everyone.

[***Register here***](#)

The PEC Field was at ...



PEC Field's activities in 2012-2013 have been presented during the annual Colloquium.

Read the poster [here](#)

COCHRANE IN THE NEWS

Find [here](#) the article in [The New York Times](#) describing The Cochrane Collaboration as a “curator for medical knowledge”

**Interested in evidence-based health care?
GET INVOLVED!**

**We encourage any person or organization
with an interest in contributing to the PEC Field to [contact us](#)**

PLEASE SEND ANY QUESTIONS, COMMENTS OR SUGGESTIONS TO:

Cochrane Pre-hospital and Emergency Care Field

Contact : Patricia Jabre, director

SAMU de Paris - Hôpital Necker Enfants Malades - APHP

149 rue de Sèvres, 75015 Paris, France

Sudden Death Expertise Center, 56 Rue Leblanc, Paris France

Phone: +33 1 44 49 24 51

contact@pecfield-cochrane.org

Website: www.pecfield-cochrane.org