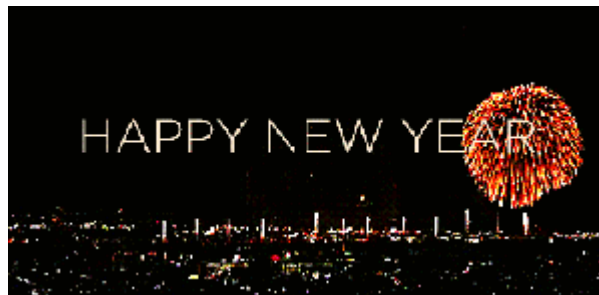


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February 2018

NEWSLETTER N°7 - FEBRUARY 2018



The Cochrane PEC team wishes you all the best for 2018. Our field is involved in knowledge translation and diffusion to health professionals and public about emergency medicine, news and change in practice. All year round, meet us in conferences, training sessions and on our website!

RECENT REVIEWS

[Cochrane emergency reviews](#)

[Needle gauge and tip designs for preventing post-dural puncture headache \(PDPH\)](#)

Ingrid Arevalo-Rodriguez, Luis Muñoz, Natalia Godoy-Casasbuenas, Agustín Ciapponi, Jimmy J Arevalo, Sabine Boogaard, Marta Roqué i Figuls

There is moderate-quality evidence that atraumatic needles reduce the risk of post-dural puncture headache (PDPH) without increasing adverse events such as paresthesia or backache.

[Combined inhaled beta-agonist and anticholinergic agents for emergency management in adults with asthma.](#)

Scott W Kirkland, Christine Vandenberghe, Britt Voaklander, Taylor Nikel, Sandra Campbell, Brian H Rowe

Combination inhaled therapy with Short Acting anti Beta2-Agonists and Short Acting Anti Cholinergics reduced hospitalisation and improved pulmonary function in adults presenting to the ED with acute asthma.

[Adenosine versus intravenous calcium channel antagonists for the treatment of supraventricular tachycardia \(SVT\) in adults](#)

Samer Alabed, Ammar Sabouni, Rui Providencia, Edmond Atallah, Mohammed Qintar, Timothy JA Chico

No differences have been found in effects of adenosine and calcium channel antagonists for treatment of SVT on reverting to sinus rhythm with a moderate-quality evidence.

[Continuous chest compression versus interrupted chest compression for cardiopulmonary resuscitation \(CPR\)](#)

Lei Zhan, Li J Yang, Yu Huang, Qing He, Guan J Liu

Bystander-administered chest compression-only CPR, supported by telephone instruction, increases the proportion of people who survive to hospital discharge compared with conventional interrupted chest compression CPR plus rescue breathing. When CPR was performed by EMS providers, continuous chest compressions plus asynchronous rescue breathing did not result in higher rates for survival to hospital discharge compared to interrupted chest compression plus rescue breathing.

[Normobaric \(NBOT\) and hyperbaric oxygen therapy \(HBOT\) for the treatment and prevention of migraine and cluster headache](#)

Bennett MH, French C, Schnabel A, Wasiak J, Kranke P, Weibel S

There was some evidence that HBOT was effective for the termination of acute migraine in an unselected population, and some evidence that NBOT was similarly effective in cluster headache.

[Aspirin for acute treatment of episodic tension-type headache in adults.](#)

Sheena Derry, Philip J Wiffen, R Andrew Moore

A single dose of aspirin between 500 mg and 1000 mg provided some benefit in terms of less frequent use of rescue medication and more participants satisfied with treatment compared with placebo in adults, with limited quality of evidence.

[Non-steroidal anti-inflammatory drugs \(NSAID\) for chronic low back pain.](#)

Enthoven WTM, Roelofs PDDM, Deyo RA, van Tulder MW, Koes BW

NSAIDs are effective for short-term symptomatic relief in patients with chronic low-back pain without sciatica. There does not seem to be a specific type of NSAID which is clearly more effective than others.

[Oral zinc for treating diarrhea in children](#)

Lazzerini M, Wanzira H

In areas where the prevalence of Zinc deficiency or the prevalence of malnutrition is high, Zinc may be of benefit in treating diarrhea in children aged six months or more. The current evidence does not support the use of Zinc supplementation in well-nourished or younger children to treat diarrhea, either than in settings where children are at low risk of Zinc deficiency.

[Imaging for the exclusion of pulmonary embolism in pregnancy.](#)

Thijs E van Mens, Luuk JJ Scheres, Paulien G de Jong, Mariska MG Leeflang, Mathilde Nijkeuter, Saskia Middeldorp

Both computed tomography pulmonary angiography (CTPA) and lung scintigraphy seem appropriate for exclusion of pulmonary embolism during pregnancy. It is unclear which test has the highest accuracy.

[Non-invasive ventilation\(NIV\) for the management of acute hypercapnic respiratory failure due to exacerbation of chronic obstructive pulmonary disease](#)

Osadnik CR, Tee VS, Carson-Chahhoud KV, Picot J, Wedzicha JA, Smith BJ

NIV is beneficial as a first-line intervention in conjunction with usual care for reducing the likelihood of mortality and endotracheal intubation in patients admitted with acute hypercapnic respiratory failure secondary to an acute exacerbation of chronic obstructive pulmonary disease.



LATEST NEWS

[training and events](#)

Cochrane PEC PEARLS : a practical tool for daily work

We are pleased to announce the realization of our PEC PEARLS project, initiated a long time ago. Three PEARLS have been published recently in the Annales Francaises de Medecine d'Urgence (AFMU) and next will follow.

They consist of short review summaries, selected because they induce a change in our daily clinical practice.



We've been There

- [Global Evidence Summit](#)

September 2017

Cape Town, South Africa



Cochrane Fields' meeting

- [Urgences 2017](#)

Juin 2017

Paris, France



- "La Cochrane a besoin de vous"

Septembre 2017

Séminaire régional Rhone-Alpes Auvergne

Lyon, France

- Cochrane reviews that change our daily practice

Novembre 2017

Département de médecine d'urgence du Centre universitaire Suisse

Geneva, Switzerland

UPCOMING EVENTS

[training and events](#)

The Cochrane PEC will take an active part in the following events:

- [Urgences 2018 Marrakech](#)

14 - 17 of February

Marrakech, Marocco

LISTE DES COURS PRÉ-CONGRÈS
14 FÉVRIER 2018 14H00-18H00

COURS PRÉ-CONGRÈS 1
DSD FACILE
M. MOURADJI, MAROC

COURS PRÉ-CONGRÈS 2
ASPECTS MÉDICO-LÉGAUX
POINT DE VUE DU CLINICIEN
L. BELLMAN, MAROC

COURS PRÉ-CONGRÈS 3
ANALYSE LOCA-REGIONALE
Y. SEMI, MAROC

COURS PRÉ-CONGRÈS 4
OBSTÉTRIQUE AIGUË
G. BANGAL, FRANCE

COURS PRÉ-CONGRÈS 5
PÉDAGOGIE DE L'URGENCE
F. ANDOLLANT, FRANCE



- [Byblos Health](#)

Notre Dame Maritime Hospital

19-21 april 2018

Byblos, Lebanon



- [Urgences 2018](#)

13-15 June 2018

Paris, France



- [Congrès de Médecine d'urgence Breton](#)

13 september 2018

Quimper, France



- [25th annual Cochrane Colloquium](#)

September 2018

Edinburgh, Scotland



TRAININGS AND WORKSHOPS

[Cochrane training](#)

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All Cochrane learning resources are listed on training.cochrane

MEMBERSHIP

[Get involved](#)

Interested in evidence-based health care



Cochrane is opening its doors with a new membership program scheduled to launch in 2017.

Membership will make it possible for anyone to 'join' Cochrane, so that being part of Cochrane is no longer limited to writing reviews or other tasks requiring specialised skills.

FOLLOW US



[Sign up to our newsletter](#)

WELCOME TO THE NEW MEMBERS OF THE COCHRANE PEC

We are happy to welcome the new members of the Cochrane PEC since March 2017! We are all involved in dissemination of the Cochrane Reviews!

Yannick Auffret, MD

Sebastien Beroud, MD

Julie Dumouchel, MD

Daniel Meyran, MD



COCHRANE PEC MAJOR CONTRIBUTOR

The Cochrane PEC is pleased to welcome the New President of the French Society of Emergency Medicine (SFMU) Dr Agnès Ricard-Hibon.

The SFMU strongly supports the PEC Field and is proud to collaborate with the Cochrane Collaboration to help people make well informed decision about emergency care.



COCHRANE IN THE NEWS

[Cochrane in Annals of Emergency Medicine](#)

The Journal Annals of Emergency Medicine selects and summarizes high-quality systematic reviews from the current literature.

Recently, summaries of three Cochrane reviews were published.

Annals of Emergency Medicine
An International Journal

Cochrane Pre-hospital and Emergency Care

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