Dear Joe Bloggs,

Welcome to your Evidence Update email from KnowledgeShare. The resources listed below have been chosen based on the interests you have provided. I hope they are useful. Please contact me via email if you would like a copy of any of the journal articles. If you would like to change the interests we have listed, stop receiving the notifications, or request a search on a specific topic, please don't hesitate to let me know.

**Articles**

*The following journal articles are available from the Library and Knowledge Service electronically or in print. Please follow links to access full text online, contact me to order copies, or call into your nearest library.*

**Analysis of h-index and other bibliometric markers of productivity and repercussion of a selected sample of worldwide emergency medicine researchers.**
[This study seeks to explore bibliometric markers in a worldwide sample of emergency physician investigators to define global, continental and individual patterns over time.]
*Available with an NHS OpenAthens password for eligible users*

**Can emergency medicine research benefit from adaptive design clinical trials?**
[Adaptive design clinical trials use preplanned interim analyses to determine whether studies should be stopped or modified before recruitment is complete. Emergency medicine trials are well suited to these designs as many have a short time to primary outcome relative to the length of recruitment. This study hypothesised that the majority of published emergency medicine trials have the potential to use a simple adaptive trial design.]
*Available with an NHS OpenAthens password for eligible users*

**Informing treatment decisions through meta-analysis: to network or not?**
[Evidence from randomised trials and their meta-analyses is typically formed of head-to-head comparisons of a couple of treatments; multiarm trials are infrequent. However in reality there are many more than two treatment options for a particular condition. To be relevant for the shop-floor of practice, evidence-based medicine requires the use a comprehensive approach to compile, compare and contrast evidence on all options in one synthesis. Network meta-analysis offers exactly such a solution.]
*Available with an NHS OpenAthens password for eligible users*

**Post Brexit crystal ball gazing: What the future holds for Phase I Clinical Trials in the UK.**
[EU Regulation 536/2014 ("Regulations") is due to take practical effect across the Eurozone by the end of 2017 at the earliest and no later than October 2018 following the implementation of procedural requirements. It will replace the EU Clinical Trials Directive 2001/20/EC. The second part of this article will discuss whether there is a place for the Regulations in the post Brexit landscape.]

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**The Maimed Martian, credible intervals and bias against benefit**


[A sad little story about a maimed Martian astronaut is used to illustrate a method of improving confidence interval (CI) calculations.]

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**Undertaking research with children and young people**


[This article will focus on three issues: involving CYP in planning research, information provision and the legal and moral considerations when seeking consent from CYP.]

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**What is propensity score modelling?**


[Propensity score methodology is being increasingly used to try and make inferences about treatments when randomised trials are either impossible or not conducted and the only data are from observational studies. This paper reviews the basis of propensity scores and the current state of knowledge about them. It uses and critiques a current paper in the Emergency Medicine Journal to illustrate the methodology.]

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**Wrong guidelines: how to detect them and what to do in the case of flawed recommendations**

Iannone P. *Evidence-Based Medicine* 2017;22(1):4 - 8.

[Any evidence-based recommendation needs careful assessment of its methodological background as well as of its content trustworthiness, especially given that following it will not necessarily produce the intended clinical outcomes. There are no established instruments to evaluate guidelines for their content. We suggest a ‘safety bundle’ considering methodological aspects and content trustworthiness of guidelines, by adopting the GRADE method in a backward fashion.]

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**Events**

You may be interested in this (these) forthcoming event(s):

**Fundamentals of Clinical Research Nursing.**

[An interactive two-day course (20th and 27th April) aimed at clinical research nurses who have been in practice for less than eighteen months (and more than six months). This NIHR course is run every six months at BSUH. GCP is a pre-requisite. Book via CRN Learn http://learn.nihr.ac.uk]

CIRU Seminar Room, RSCH
All day event on: 20th April, 2017
https://nww.bsuh.nhs.uk/working-here/learning-zone/research-and-development-education-noticeboard/study-days-and-workshops/

Sussex Community NHS Foundation Trust Research Conference 2017.
[This year's theme is 'working with patients and the public to innovate practice through research'. Keynote speakers: Professor Patricia Wilson and Professor Hubertus van Hedel.]
Charis Centre, Crawley
All day event on: 25th April, 2017

If you need help getting hold of the full text of anything here then please email me back. For more information about the KnowledgeShare Current Awareness service contact me using the details below.

Cate