

PROSPERO International prospective register of systematic reviews

Strategies for clinical practice guideline implementation: an overview of systematic reviews

Viviane Cássia Pereira, Fernando Zanghelini

Citation

Viviane Cássia Pereira, Fernando Zanghelini. Strategies for clinical practice guideline implementation: an overview of systematic reviews. PROSPERO 2017:CRD42017065682 Available from http://www.crd.york.ac.uk/PROSPERO_REBRANDING/display_record.asp?ID=CRD42017065682

Review question(s)

1. What is the effectiveness of strategies used to promote guideline implementation?
2. What are the barriers to implementation of guidelines?

Searches

This overview uses systematic review methodology to locate and evaluate published systematic reviews regarding strategies for clinical practice guideline implementation and adheres to the PRISMA for systematic review protocols (PRISMA-P) (Moher et al. 2015).

We will search the following electronic sources: PubMed, Web of Science, SCOPUS, Health Systems Evidence, Cochrane Database of Systematic Reviews, Centre for Reviews and Dissemination (CRD) (Database of Abstracts of Reviews of Effects - DARE and the Health Technology Assessment- HTA), Rx for change (CADTH), Guidelines International Network (GIN) website, International Initiative for Impact Evaluation (3ie) database, as well as Google and Google Scholar.

There will be no language restrictions.

The search terms will be related to the “guideline” (Guidelines, Clinical Protocols, Critical Pathways, Consensus and Health Planning Guidelines) and “implementation” (adherence, compliance, dissemination, concordance, adoption, barriers) and they will be adapted according to the bibliographic databases.

Types of study to be included

Systematic reviews only will be included.

Condition or domain being studied

Strategies for clinical practice guideline implementation aiming to improve the use of recommendations and the safety and quality of patient care.

Participants/ population

This study aims to find strategies for clinical practice guideline implementation within health system at organization, provider and patient levels.

Intervention(s), exposure(s)

Any strategy for clinical practice guideline implementation.

Comparator(s)/ control

No intervention and another strategy for guideline implementation.

Context

Inclusion criteria: systematic review regarding strategies for clinical practice guideline implementation at health

system (organization, provider and patient levels).

Outcome(s)

Primary outcomes

Strategies for clinical practice guideline implementation at health system (organization, provider and patient levels).

Secondary outcomes

None.

Data extraction, (selection and coding)

Two reviewers independently will screen titles and abstracts of the systematic reviews. Disagreements regarding eligibility of studies will be resolved by discussion and consensus or by a third reviewer. One reviewer will extract data from each included study using a data extraction template in Excel and a second reviewer will check. The following information from included studies will be extracted: study setting (country, key features of the health services/systems); number of studies identified; characteristics of the target population; strategies for clinical practice guideline implementation barriers and facilitators that influence the use of the strategies; outcomes reported, limitations of the review.

Risk of bias (quality) assessment

The methodological quality of the systematic review will be assessed using the AMSTAR, a validated instrument (Shea et al, 2007).

Strategy for data synthesis

We will conduct a narrative synthesis.

Analysis of subgroups or subsets

Analysis of different levels in the health systems: organization, provider, patient.

Dissemination plans

Publication in peer reviewed journal; policy brief; deliberative dialogue.

Contact details for further information

Viviane Cássia Pereira

vicass@gmail.com

Organisational affiliation of the review

Fundação Oswaldo Cruz (FIOCRUZ) - Brasília

<https://www.fiocruzbrasil.fiocruz.br/>

Review team

Ms Viviane Cássia Pereira, FIOCRUZ

Mr Fernando Zanghelini, FIOCRUZ

Collaborators

Dr Jorge O Maia Barreto, Fiocruz/Brasília

Dr Marcus Tolentino Silva, Fiocruz/Brasília; UFAM; UNISO

Dr Maria Sharmila Alina de Sousa, Fiocruz/Brasília

Dr Everton Nunes Silva, Fiocruz/Brasília; UnB

Anticipated or actual start date

16 May 2017

Anticipated completion date

08 December 2017

Funding sources/sponsors

Brazilian Ministry of Health

Conflicts of interest

None known

Language

English

Country

Brazil

Subject index terms status

Subject indexing assigned by CRD

Subject index terms

Evidence-Based Medicine; Guideline Adherence; Humans

Stage of review

Ongoing

Date of registration in PROSPERO

23 June 2017

Date of publication of this revision

23 June 2017

Stage of review at time of this submission

Preliminary searches

Started

Yes

Completed

No

Piloting of the study selection process

Yes

No

Formal screening of search results against eligibility criteria

No

No

Data extraction

No

No

Risk of bias (quality) assessment

No

No

Data analysis

No

No

PROSPERO

International prospective register of systematic reviews

The information in this record has been provided by the named contact for this review. CRD has accepted this information in good faith and registered the review in PROSPERO. CRD bears no responsibility or liability for the content of this registration record, any associated files or external websites.
