

PROSPERO International prospective register of systematic reviews

Which interventions improve health worker performance in low and middle-income countries?

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Review question(s)

What is the effectiveness of interventions to improve health worker performance in low and middle-income countries?

Which methods for assessing health worker performance are used to measure the effect of intervention studies in low and middle-income countries?

Searches

CINAHL, Cochrane Central Register of Controlled Trials (CENTRAL), EMBASE, Global Health, Medline, PsycINFO

Types of study to be included

Included:

RCTs, non-randomised intervention studies with pre-and post-intervention measurements.

Excluded:

Reviews, protocols only, cross-sectional descriptive studies.

Condition or domain being studied

Implementation research

Health systems

Participants/ population

Inclusion criteria:

Health workers in LMIC (a person who has the title of a health worker or is a professional employed within the health service - can be any cadre including lay health workers, traditional healers, and can extend to professional health service administrators e.g. health managers)

Exclude:

Population not health workers in LMIC, e.g. interventions targeted at patient behaviour/adherence/access to treatment rather than health worker performance, not in LMIC

Intervention(s), exposure(s)

Inclusion:

Intervention to improve health worker performance or related patient outcome measure (includes theoretical knowledge, clinical skills, communication skills/ethics)

Exclude:

Not intervention studies, e.g. review articles, cross-sectional descriptive studies, published clinical guidelines, study protocols

Comparator(s)/ control

Non-exposed group if study has control group.

Outcome(s)

Primary outcomes

Change in health worker performance, or related patient outcome.

Secondary outcomes

Method of measuring performance.

Data extraction, (selection and coding)

Two researchers will independently review all identified references from the search for inclusion in the review. Any disagreements will be resolved by discussion, or by a third researcher if required.

Data to be extracted (not finalised):

- Setting: country and health facility
- Health worker: cadre, number of participants
- Intervention: describe (later categorise, e.g. written material, training workshop etc.), duration, cost
- Study type: e.g. RCT
- Method used to assess performance: describe (later categorise e.g. prescribing, observation etc.)
- Effect of intervention (including time after completion)

Risk of bias (quality) assessment

Quality will be assessed using accepted standard checklists. The synthesis will take quality of study into account.

Strategy for data synthesis

Where possible, a quantitative synthesis of aggregate data will be performed and reported.

Analysis of subgroups or subsets

Planned subgroup analyses:

Type of intervention

Type of health worker

Method of assessing performance

Contact details for further information

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Organisational affiliation of the review

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Anticipated or actual start date

29 January 2014

Anticipated completion date

20 June 2014

Funding sources/sponsors

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Conflicts of interest

None known

Language

English

Country

England

Subject index terms status

Subject indexing assigned by CRD

Subject index terms

Allied Health Personnel; Developing Countries; Health Personnel; Humans; Job Satisfaction

Stage of review

Ongoing

Date of registration in PROSPERO

29 January 2014

Date of publication of this revision

29 January 2014

Stage of review at time of this submission

	Started	Completed
Preliminary searches	No	Yes
Piloting of the study selection process	No	Yes
Formal screening of search results against eligibility criteria	Yes	No
Data extraction	No	No
Risk of bias (quality) assessment	No	No
Data analysis	No	No

PROSPERO

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