

PROSPERO International prospective register of systematic reviews

Systematic review of interventions to promote family and community awareness and involvement in maternal health care and prevent maternal mortality in South Asian countries identified as MDG priorities

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Citation

Binod Bindu Sharma, Lisa Jones, Roger Smith, Deborah Loxton, Debbie Booth. Systematic review of interventions to promote family and community awareness and involvement in maternal health care and prevent maternal mortality in South Asian countries identified as MDG priorities. PROSPERO 2016:CRD42016033201 Available from http://www.crd.york.ac.uk/PROSPERO_REBRANDING/display_record.asp?ID=CRD42016033201

Review question(s)

Which interventions promote husband, family and community awareness and involvement in maternal health care, and result in improved maternal health care-seeking, utilization of maternal health services and the prevention of maternal mortality in rural South Asian countries?

Searches

MEDLINE, MEDLINE In Process, EMBASE, Maternity and Infant Care, CINAHL, The Cochrane Library and Scopus will be searched.

Keywords for searches: Pregnant, Maternal, Nepal, Bangladesh, India, Pakistan, South Asia, rural, remote, antenatal, prenatal, health care, communication, awareness, participation, involvement, family, community, delivery, birth, maternal mortality/death, health care use, skilled attendant/delivery/assistant, traditional birth attendant.

The search will be limited to human studies only, but no other restrictions will be applied.

Types of study to be included

Include: quantitative or qualitative studies; designs - trials (randomised, cluster or community), systematic review, -observational studies (cohort, cross sectional, case-control study).

Exclude: do not demonstrate a clear research design or methodology, i.e. commentary, opinion, editorial, very low study quality (assessed though a simplified GRADE framework).

Condition or domain being studied

Family and Community involvement in improving access to maternal health care, prevention of pregnancy complications and maternal death.

Participants/ population

South Asian countries (Bangladesh, Nepal, India, Pakistan) identified in MDG 2015 as having high maternal mortality rates.

We will exclude participants from urban and high middle income countries.

Intervention(s), exposure(s)

Include any community health promotion interventions involving husband, family and community members with the aim of improving involvement, awareness or knowledge of care of women during pregnancy and childbirth.

Comparator(s)/ control

Compared with other interventions to improve care seeking and use of health care services

Context

Rural and remote settings

Low and low/middle income countries

Outcome(s)

Primary outcomes

1. Improved knowledge and awareness of family, community members and pregnant women in seeking health care during pregnancy and childbirth.
2. Improved number of antenatal visits
3. Increased numbers of deliveries by skilled birth attendants
4. Increased numbers of deliveries at health care facility
5. Maternal mortality rates

Secondary outcomes

Increased involvement of male members such as fathers-in-law and husbands.

Data extraction, (selection and coding)

Data will be extracted using a customized data extraction form. Authors will be contacted where necessary to obtain additional information. Data will be extracted and study quality assessed independently by two reviewers and any disagreements resolved by consulting a third person

Risk of bias (quality) assessment

We will assess quality of all eligible studies using GRADE criteria and considering the study design, sampling methodology and size, major concerns with analysis or biases. This will be independently assessed by two authors (LJ and BS) and a third person will adjudicate .

Strategy for data synthesis

Quantitative data will be summarised using meta-analysis where study design, sampling methodology and outcome reporting is appropriate. Otherwise a narrative description will be provided.

Analysis of subgroups or subsets

Setting; Remote, rural

Type of terrain; mountainous, hills, plains

Dissemination plans

Journal Publication

Conference Presentation

Contact details for further information

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Details of any existing review of the same topic by the same authors

None

Anticipated or actual start date

05 June 2015

Anticipated completion date

01 March 2017

Funding sources/sponsors

None

Conflicts of interest

None known

Language

English

Country

Australia

Subject index terms status

Subject indexing assigned by CRD

Subject index terms

Awareness; Female; Humans; Maternal Health; Maternal Health Services; Maternal Mortality; Pregnancy; Residence Characteristics

Stage of review

Ongoing

Date of registration in PROSPERO

14 January 2016

Date of publication of this revision

10 February 2017

Stage of review at time of this submission

Preliminary searches

Piloting of the study selection process

Started

Yes

Yes

Completed

Yes

Yes

Formal screening of search results against eligibility criteria	Yes	Yes
Data extraction	Yes	Yes
Risk of bias (quality) assessment	Yes	No
Data analysis	No	No

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