



Title registration for a review proposal: Community-based rehabilitation for people with physical and mental disabilities in low and middle income countries

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Submitted to the Coordinating Group of:

- Crime and Justice
- Education
- International Development
- Social Welfare
- Other

Plans to co-register:

- No
- Yes: Cochrane Injuries Group
- Maybe

Approval date: 13/03/2012

TITLE OF THE REVIEW

Community- based rehabilitation for people with physical and mental disabilities in low and middle income countries

BACKGROUND AND OBJECTIVES

People with disabilities (PWD) include those who have long-term physical, mental and intellectual or sensory impairments which in interaction with various barriers may hinder their full and effective participation in society on an equal basis with others. There are estimated to be over 600 million people living with a moderate or severe, sensory, motor or intellectual impairment leading to disability, 80% living in Low and Middle Income Countries (LMICs).

Community-based rehabilitation (CBR) focuses on enhancing the quality of life for people with disabilities and their families, meeting basic needs and ensuring inclusion and participation. CBR was initiated in the mid-1980s but has evolved to become a multi-sectoral strategy that empowers persons with disabilities to access and benefit from education, employment, health and social services. CBR is implemented through the combined efforts of people with disabilities, their families, organizations and communities, relevant government and non-government health, education, vocational, social and other services.

The review objective will be to assess the effects of community based rehabilitation for people with physical and mental disabilities.

EXISTING REVIEWS

One main systematic review on the topic exists, but this is a systematic mapping on community-based rehabilitation in developing countries, not a systematic review.

Finkenflugel H, Wolffers I, Huijsman R. The evidence base for community-based rehabilitation: a literature review. *Int J Rehabil Res*, 2005; 28: 187–201.

Other systematic reviews do exist but they cover either single community-based rehabilitation interventions or single aspects of disability.

For instance a co-registered Cochrane/Campbell systematic review cover the question for personal assistance in adults and children in both developed and developing countries.

Mayo-Wilson E, Montgomery P, Dennis JA. Personal assistance for adults (19-64) with both physical and intellectual impairments. *Cochrane Database of Systematic Reviews* 2008, Issue 2. Art.No.:CD006860.DOI: 10.1002/14651858.CD006860.pub2.

Mayo-Wilson E, Montgomery P, Dennis J. Personal assistance for adults (19-64) with both physical and intellectual impairments. *Campbell Systematic Reviews* 2008:2 DOI: 10.4073/csr.2008.2

Mayo-Wilson E, Montgomery P, Dennis JA. Personal assistance for children and adolescents (0-18) with both physical and intellectual impairments. *Cochrane Database of Systematic Reviews* 2008, Issue 3. Art. No.: CD006859. DOI: 10.1002/14651858.CD006859.pub2.

Mayo-Wilson E, Montgomery P, Dennis J. Personal assistance for children and adolescents (0-18) with physical impairments. *Campbell Systematic Reviews* 2008:6 DOI: 10.4073/csr.2008.6

Mayo-Wilson E, Montgomery P, Dennis J. Personal assistance for children and adolescents (0-18) with intellectual impairments. *Campbell Systematic Reviews* 2008:4 DOI: 10.4073/csr.2008.4

Robertson, J., E. Emerson, et al. (2012). "Efficacy of Community-Based Rehabilitation for Children with or at Significant Risk of Intellectual Disabilities in Low- and Middle-Income Countries: A Review." *Journal of Applied Research in Intellectual Disabilities* 25(2): 143-154.

DEFINE THE POPULATION

- People with long-term (lasting over 6 months) physical disability, whether caused by musculoskeletal/physical, hearing or visual impairment or multiple impairments living in low- and middle-income countries.
- People with enduring (lasting over 6 months) mental health problems (including neurodevelopmental disabilities, neurogenerative disabilities, chronic psychoses) living in low- and middle-income countries.

DEFINE THE INTERVENTION

Community-based rehabilitation activities (excluding health interventions in an acute medical centre, e.g. emergency room).

Comparison: Usual care, any other intervention, or no intervention.

OUTCOMES

Primary outcomes

- Physical disability such as extent of disability, measured using validated instruments
- Mental disability such as extent of disability, measured using validated instruments
- Global assessment of functioning, including quality of life and physical and social functioning, measured using validated instruments

Secondary outcomes

- Social functioning, including education status, employment status, social participation

STUDY DESIGNS

- Randomised controlled trials (RCT)
- Controlled before-after studies (CBA)

AUTHOR(S) REVIEW TEAM

List names of those who will be cited as authors on the final publication.

Lead reviewer This is the person who develops and co-ordinates the review team, discusses and assigns roles for individual members of the review team, liaises with the editorial base and takes responsibility for the on-going updates of the review	Name: Valentina Iemmi Title: Ms Affiliation: London School of Hygiene and Tropical Medicine Address: Keppel Street, London State, Province or County: Postal Code: WC1E 7HT Country: United Kingdom Phone: Email: Valentina.Iemmi@lshtm.ac.uk
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ROLES AND RESPONSIBILITIES

Please give brief description of content and methodological expertise within the review team. It is recommended to have at least one person on the review team who has content expertise, at least one person who has methodological expertise and at least one person who has statistical expertise. It is also recommended to have one person with information retrieval expertise. Please note that this is the *recommended optimal* review team composition.

- Content: Dr Hannah Kuper, Mr Karl Blanchet, Professor Sally Hartley, Dr GVS Murthy, Professor Vikram Patel
- Systematic review methods: Valentina Iemmi, Professor Ian Roberts, Mr Richard Wormald
- Statistical analysis: Mr Lambert Felix
- Information retrieval: Valentina Iemmi

POTENTIAL CONFLICTS OF INTEREST

Professor Patel has a grant for a randomized controlled trial for a CBR intervention for schizophrenia in India from the Wellcome Trust.

Several members of the group have previously undertaken systematic reviews on related subjects but not on this particular topic.

There are no further Conflicts of interest.

SUPPORT

We would need support in some areas: methodology and causal inference, and statistical analysis (meta-analysis).

FUNDING

We received funding from 3ie.

The review needs to be completed in 8 months.

PRELIMINARY TIMEFRAME

Note, if the protocol or review are not submitted within 6 months and 18 months of title registration, respectively, the review area is opened up for other reviewers.

- Date you plan to submit a draft protocol: March
- Date you plan to submit a draft review: October

DECLARATION

Authors' responsibilities

By completing this form, you accept responsibility for preparing, maintaining and updating the review in accordance with Campbell Collaboration policy. The Campbell International Development Group will provide as much support as possible to assist with the preparation of the review.

A draft protocol must be submitted to the Group within six months. If drafts are not submitted before the agreed deadlines, or if we are unable to contact you for an extended period, the Group has the right to de-register the title or transfer the title to alternative authors. The Group also has the right to de-register or transfer the title if it does not meet the standards of the Group and/or the Campbell Collaboration.

You accept responsibility for maintaining the review in light of new evidence, comments and criticisms, and other developments, and updating the review at least once every three years, or, if requested, transferring responsibility for maintaining the review to others as agreed with the Group.

Publication in the Campbell Library

The support of the International Development Group in preparing your review is conditional upon your agreement to publish the protocol, finished review and subsequent updates in the Campbell Library. Concurrent publication in other journals is encouraged. However, a Campbell systematic review should be published either before, or at the same time as, its publication in other journals. Authors should not publish Campbell reviews in journals before they are ready for publication in CL. Authors should remember to include the statement: "This is a version of a Campbell review, which is available in The Campbell Library".

I understand the commitment required to undertake a Campbell review, and agree to publish in the Campbell Library. Signed on behalf of the authors:

Form completed by: Ms Valentina Iemmi

Date: 9 March 2012
