

Accepted Manuscript

Title: Effective multicomponent interventions in comparison to active control and no interventions on physical capacity, cognitive function and instrumental activities of daily living in elderly people with and without mild impaired cognition – A systematic review and network meta-analysis



Authors: Marina Bruderer-Hofstetter, Anne-Kathrin Rausch-Osthoff, André Meichtry, Thomas Münzer, Karin Niedermann

PII: S1568-1637(17)30295-7
DOI: <https://doi.org/10.1016/j.arr.2018.04.002>
Reference: ARR 821

To appear in: *Ageing Research Reviews*

Received date: 30-11-2017
Revised date: 29-3-2018
Accepted date: 4-4-2018

Please cite this article as: Bruderer-Hofstetter, Marina, Rausch-Osthoff, Anne-Kathrin, Meichtry, André, Münzer, Thomas, Niedermann, Karin, Effective multicomponent interventions in comparison to active control and no interventions on physical capacity, cognitive function and instrumental activities of daily living in elderly people with and without mild impaired cognition – A systematic review and network meta-analysis. *Ageing Research Reviews* <https://doi.org/10.1016/j.arr.2018.04.002>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Systematic Review and Network meta-analysis

Effective multicomponent interventions in comparison to active control and no interventions on physical capacity, cognitive function and instrumental activities of daily living in elderly people with and without mild impaired cognition – A Systematic Review and Network meta-analysis

Marina Bruderer-Hofstetter^{a,b}, Anne-Kathrin Rausch-Osthoff^a, André Meichtry^a, Thomas Münzer^{c,d}, Karin Niedermann^a

^aUniversity of Applied Sciences Zurich, Institute of Physiotherapy, Technikumstrasse 71, CH-8404 Winterthur, Switzerland

^bUniversity of Lucerne, Department Health Sciences and Health Policy, Frohburgstrasse 3, CH-6002 Lucerne, Switzerland

^cGeriatrische Klinik St.Gallen, Rorschacher Strasse 94, CH-9000 St.Gallen, Switzerland

^dDepartment of Geriatrics and Aging Research, University Hospital and University of Zurich, Rämistrasse 100, Zürich, Switzerland

November 2017

For submission to: *Ageing Research Reviews*

Corresponding author:

Marina Bruderer-Hofstetter

University of Applied Sciences Zurich, Institute of Physiotherapy

Technikumstrasse 71

CH-8404 Winterthur, Switzerland

Email: marina.bruderer-hofstetter@zhaw.ch

Highlights

- Network meta-analysis provided a broader picture of the evidence in the field
- Multi-component interventions are more effective than physical exercise and cognitive training
- Delivery modes for people with cognitive impairment and normal cognition differ
- In people with MCI MCTs performed separately were more effective than performed simultaneously
- To improve IADL in trials a framework on the contributing mediators has to be developed

Download English Version:

<https://daneshyari.com/en/article/8257140>

Download Persian Version:

<https://daneshyari.com/article/8257140>

[Daneshyari.com](https://daneshyari.com)