

# Barriers and facilitators to implementation of direct provision fruit and vegetable interventions: a systematic review using the consolidated framework for implementation research (CFIR)\*

Biljana Meshkovska <sup>1</sup>, Janine Wendt & Daniel Scheller <sup>2</sup>, Hannah Jilani <sup>3</sup>, Marie Scheidmeir <sup>4</sup>, Jan Stratil <sup>5</sup>, Nanna Lien <sup>1</sup>

#### INTRODUCTION

#### DISCUSSION

- Children's intake of fruit and vegetables is low
- Constructs could be both barriers and facilitators
- School-based interventions providing fruit directly to children are effective
- Lack of knowledge on factors influencing implementation of direct provision interventions

#### METHODS

- Systematic search: MEDLINE, Embase, PsychINFO, ERIC, Cochrane Reviews and Library Trials, Implementation Science
- Screening of titles and abstracts (n=5427)
- full texts (n=227)
- 14 included articles

### RESULTS

- Perceptions of value and perceptions
  of behavior change by target group
  was identified as an important facilitator.
  This relates to acceptability as an
  implementation determinant, rather than
  implementation outcome
- Parents have the dual role of supporting implementation and being the secondary target group of school-based interventions

CFIR constructs were found relevant:

- *intervention characteristics*: 'design quality and packaging', 'adaptability'
  'cost'
- *outer setting*: 'cosmopolitanism',
  'external policy and incentives' 'target
  group needs and resources'
- *inner setting*: 'implementation climate',
  'readiness for implementation', 'structural characteristics'
- *4) characteristics of individuals*:
  'individual stage of change', 'knowledge and beliefs about the intervention'
- 5) process: 'engaging', 'executing',



## 'reflecting and evaluating'

Meshkovska, Scheller, D. A., Wendt, J., Jilani, H., Scheidmeir, M., Stratil, J. M., & Lien, N. (2022). Barriers and facilitators to implementation of direct fruit and vegetables provision interventions in kindergartens and schools: a qualitative systematic review applying the consolidated framework for implementation research (CFIR). The International Journal of Behavioral Nutrition and Physical Activity, 19(1), 11–11. https://doi.org/10.1186/s12966-022-01246-8

Department of Nutrition, University of Oslo, Oslo, Norway <sup>2</sup> Division of Sports and Rehabilitation, Department of Internal Medicine II, Ulm University Medical Centre, Ulm, Germany <sup>3</sup> Institute of Public Health and Nursing Research - IPP, University of Bremen and Epidemiological Methods and Etiological Research, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen, Germany <sup>4</sup> Department of Psychology, Johannes Gutenberg-University Mainz, Mainz, Germany <sup>5</sup> Institute for Medical Information Processing, Biometry, and Epidemiology – IBE, Chair of Public Health and Health Services Research, LMU Munich, Munich, Germany



Funded by the Joint Programming Initiative "A Healthy Diet for a Healthy Life" (JPI HDHL) with contributions from national funding agencies of participating countries



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