

# What Are the Key Processes Associated with Outcomes of Participatory Research With Health Organizations? A Participatory Knowledge Synthesis



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## INTRODUCTION

- Participatory Research with Health Organizations (PRO) is research conducted with knowledge users (KU) in the workplace
- PRO blends research and action to produce knowledge that can improve organization practices and services.

### KU Active participation

- Co-decision making to (at least):
- finalise the research question
  - interpret results
  - implement and/or disseminate results

### KU Passive participation

- Supportive of the research, but no co-decision making
- consultation, and/or
  - engage in intervention design and implementation

## PROBLEMS

- No systematic review of the PRO literature
- Fragmented knowledge on processes and outcomes
- Unknown processes associated with negative outcomes of PRO

## NEEDS

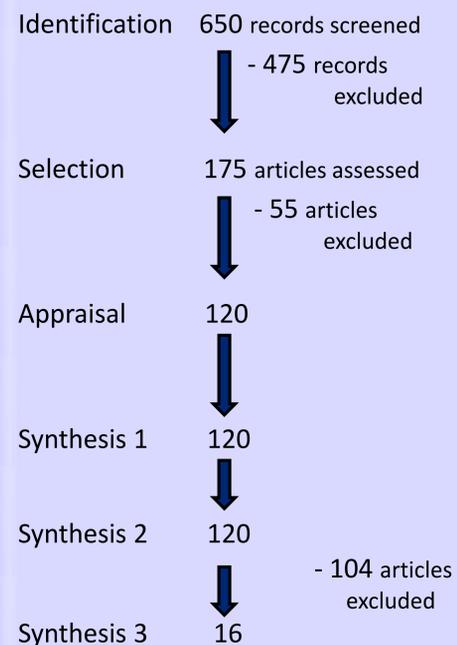
- Outline PRO best practices
- Identify benefits of active participation
- Explain processes leading to negative outcomes

## OBJECTIVES

- In partnership with key knowledge users
- 1) Identify key PRO processes associated with positive outcomes
  - 1) Measure the association between unanticipated positive outcomes and participation
  - 3) Explain PRO processes associated with negative outcomes

## DESIGN

### Systematic Mixed Studies Review (multiphase mixed methods design )



#### Objective 1/Synthesis 1 : Content analysis

- Identify PRO processes and outcomes
- Fill 'Process – Outcome Matrix' with patterns (comparison of active vs. passive participation)  
E.g., improved communication in the workplace due to PRO activities

#### Objective 2/Synthesis 2 : Multivariate analysis

- Hypothesis: Unanticipated PRO positive outcomes associated with active participation (vs. passive participation)
- Multivariate logistic regression analysis to assess the likelihood and significance of the association  
E.g., PRO initiated by the workplace is more likely to yield an unanticipated positive outcome

#### Objective 3/Synthesis 3 : Hybrid thematic analysis

- Inductive and deductive coding of documents of PRO studies with negative outcomes for (a) health professionals, (b) researchers, (c) patients, and/or (d) families and/or caregivers
- Build configurations (cross-study analysis)
- Describe key PRO processes associated with negative outcomes  
E.g., lack of researchers' feedback leading to disappointment in the workplace

## ANTICIPATED RESULTS

- Meaningful insights into the participatory research process
- Suggest best practices of PRO (relevant internationally)
- Dissemination/implementation of results to improve PRO practices
- Increase the use of PRO among health organizations and researchers

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### For further information

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