



# **Economic evaluations of occupational therapy for people with cognitive and/or functional decline: A systematic review**

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# Rationale

Age related cognitive and functional decline is associated with increased health and social care costs



Service providers are expected to offer care that can reduce the societal and economic impact of the ageing population.



Little is known about the cost effectiveness of occupational therapy interventions for supporting people with cognitive and/or functional decline.

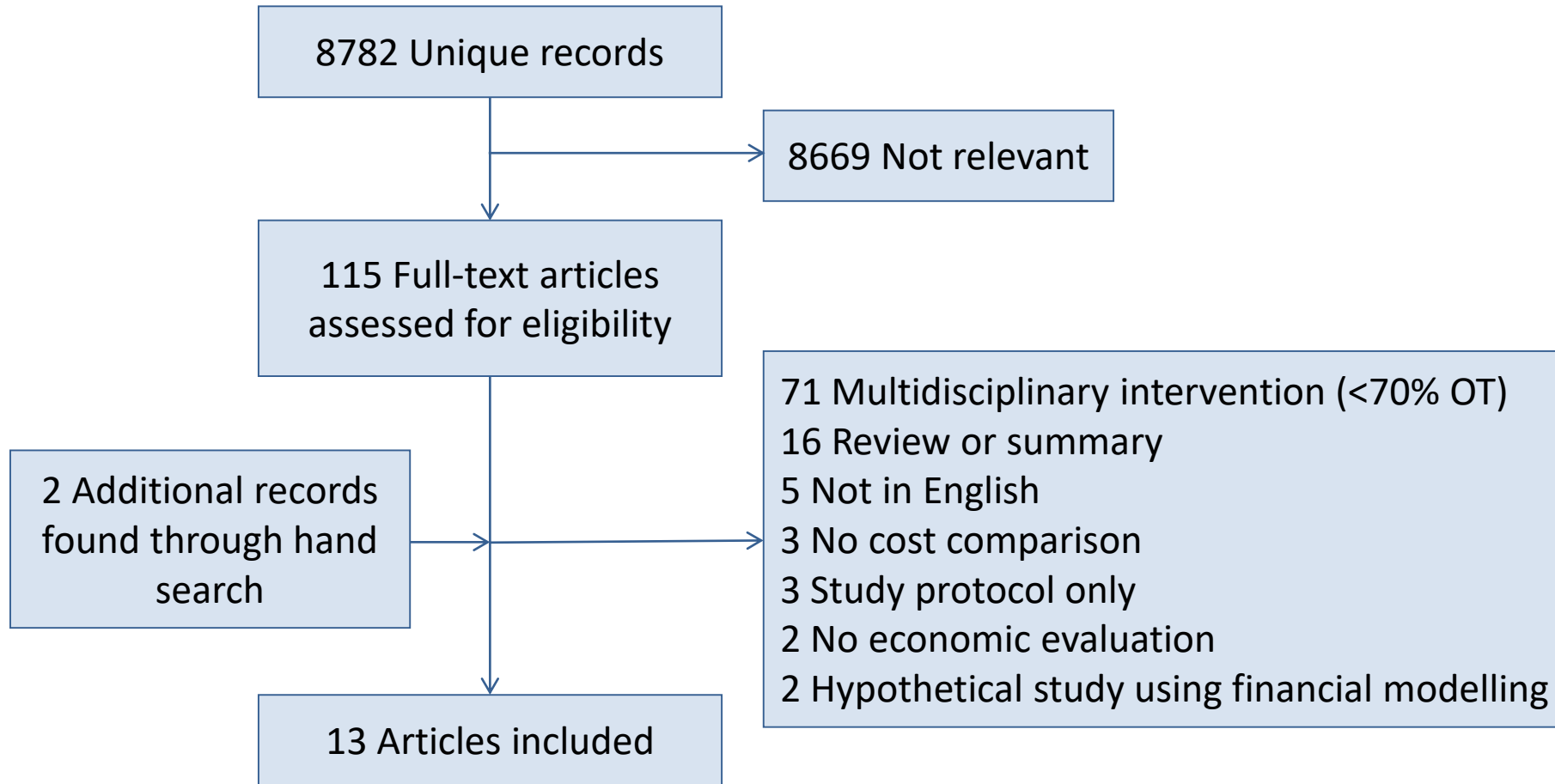




**What are the costs and outcomes of occupational therapy for people with cognitive and/or functional decline and/or their caregivers?**



# Methods



## POPULATION

People experiencing cognitive and/or functional decline.



## INTERVENTION

Occupational therapy or at least 70% occupational therapy



## COMPARATOR

May include: usual care, no OT, Nurse/PT/SW intervention etc.



## OUTCOME

The cost effectiveness of occupational therapy interventions

# Results

1 Frail older people

1 Once off assessment

2 Dementia specific

1 Tele-rehabilitation

1 Residential care

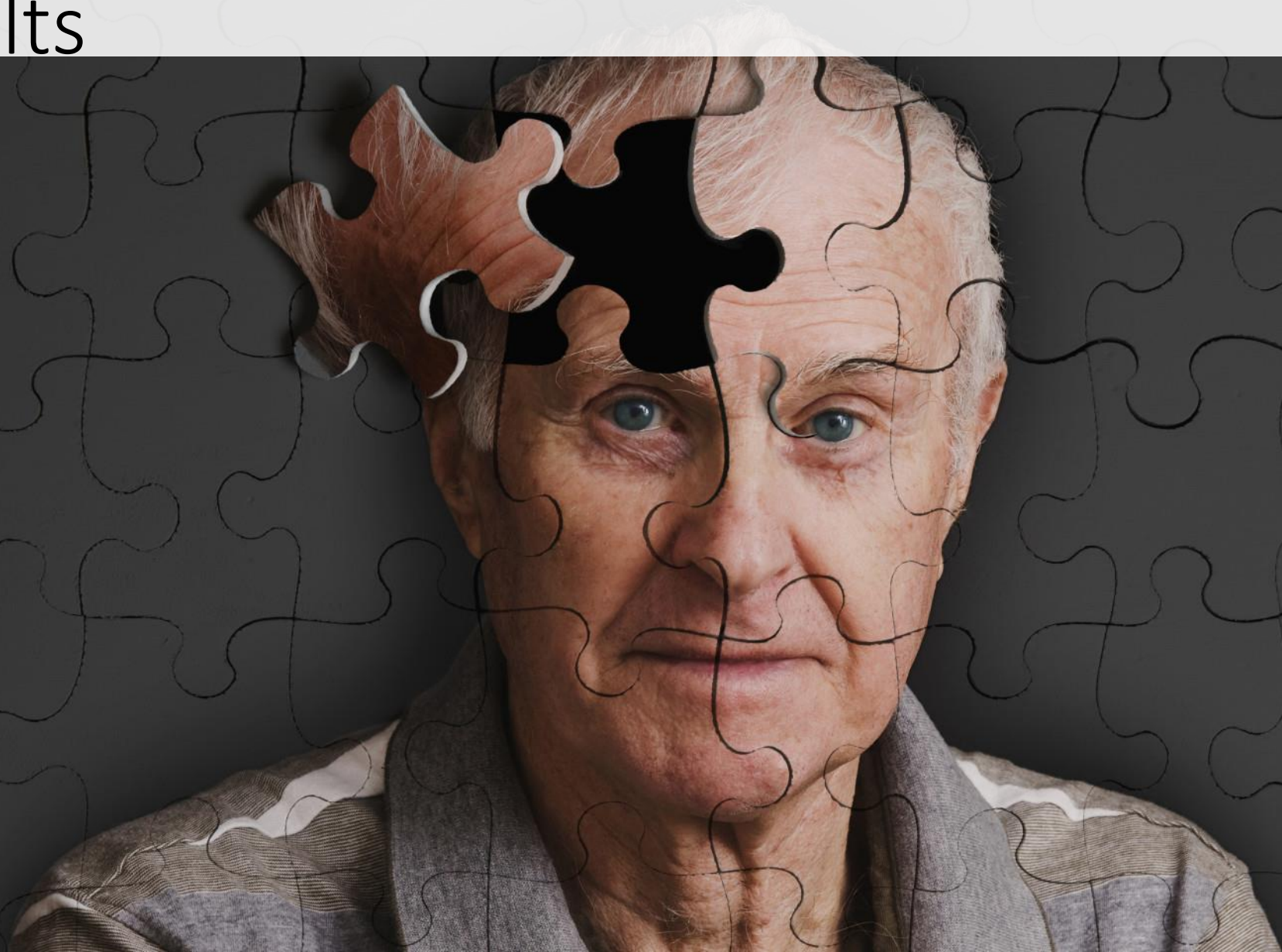
1 Healthy lifestyle

3 Falls prevention

2 Function specific

1 Parkinson's disease

# Results



# 8 Studies showed better economic outcomes

Source	Target population	Sub-group	Approach
Salkeld (2000)	Older adults who had a recent fall	History of Falls	Systematic/ falls
Hay (2002)	People aged $\geq 60$	Consumer Consumer & Caregiver	Systematic/ multicomponent
Campbell (2005)	People aged $\geq 75$ with poor vision	Consumer	Systematic/ falls
Graff (2008)	Dementia	Consumer Caregiver	Systematic/ multicomponent
Sturkenboom (2015)	Parkinson's Disease	Caregiver	Systematic/ multicomponent
Jutkowitz (2012)	People aged $\geq 70$ , cognitively intact	Consumer	Systematic/ multicomponent
Sheffield (2013)	Community dwelling older adults	Consumer	Systematic/ multicomponent
Carande-Kulis (2015)	Falls prevention programs for older people	Consumer	Systematic/ falls

# Implications and conclusion

- Future studies should include a cost evaluation of service and its delivery.
- Interventions should:
  - Consist of a number of consultation sessions
  - Improve the home environment
  - Improve the ability of the person
  - Improve the skills of their caregiver





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REVIEW

WILEY **Health and Social Care** in the community

## Economic evaluations of occupational therapy approaches for people with cognitive and/or functional decline: A systematic review

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