1. Clinical and economic evidence – flow diagrams

[P.1 Incidence and prevalence 2](#_Toc442370047)

[P.2 Assessment 3](#_Toc442370048)

[P.3 Interventions for prevention or treatment 4](#_Toc442370049)

[P.4 Organisation and service delivery 5](#_Toc442370050)

[P.5 Economic systematic review 6](#_Toc442370051)

* 1. Incidence and prevalence

Identified from existing reviews

N= 52 (38 adults, 9 children, 5 mixed/unclear)

N=14 children

Title and abstracts identified from update search (N=3,184)  
+ additional citation search (N=1,088)

N=4,272

Screened after duplicates removed

N=3,587

Full copies retrieved and assessed for eligibility

N=100

Number of papers included:  
 n= 34 adults (19 from reviews)  
 n=19 children and young people (12 from reviews)  
(2 studies from reviews had separate data on adults as well as children and young people)

Excluded

n=78

Excluded  
n= 23  
(samples from specific populations, data on adult and children not separable)

* 1. Assessment

Number of papers included:   
n=27 (stage 1)   
n=1 (stage 2)

Number of papers   
excluded:   
n=184

Full copies retrieved and assessed for eligibility: n=212

Title and abstracts identified from search:  
n=4,796

Screened after duplicates removed:  
n = 3,684

* 1. Interventions for prevention or treatment

**RCT search**

Title and abstracts identified:   
N=9,319

Screened after duplicates removed:  
N=6,861

Full copies retrieved and assessed for eligibility:   
N=168  
(excluded N=6,693)

Excluded:  
N=144 RCT search,  
N=7 Vereenooghe systematic review,  
N=41 non-randomised search,  
N=7 Top-up search,  
N=1 Citation search

Included on pharmacological interventions:  
N=4 RCTs  
+  
7 RCTs included in a Cochrane review on cognitive decline

**Vereenooghe 2013**   
Systematic review on psychological interventions:

N=22 (12 RCT, 10 non-randomised)

(search up until 2012)

**Psychological/psychosoc-ial non-randomised search   
(2012 onwards)**Title and abstracts identified:  
N=5,533

Screened after duplicates removed:  
N=4,277

Full copies retrieved and assessed for eligibility:  
N=46  
(excluded N=4,270)

Included on annual health checks:

N=3 RCTs   
(2 included from challenging behaviour guideline review)

Included on exercise interventions:

N=3 RCTs (1 combined with education)

Included on dietary interventions:

N=3 RCTs

Included on psychological interventions:

N=11 RCTs (1 citation, 5 Vereenooghe),  
N=7 non-randomised

Included for other interventions (i.e., occupational, social and physical environment, psychoeducation):  
N=0 RCT,  
N=0 non-randomised

**Psychological/psychosoc-ial non-randomised (top-up) search (2012 onwards)**Title and abstracts identified:  
N=4,713

**Psychological/psychosocial citation search**Title and abstracts identified:  
N=482

Additional psychological/psychosocial studies found:  
N=2 hand-search,  
N=1 author contact

Screened after dissertations removed:  
N=3,271

Full copies retrieved and assessed for eligibility:  
N=7  
(excluded N=3,264)

Full copies retrieved and assessed for eligibility:  
N=4  
(excluded N=478)

* 1. Organisation and service delivery

Title and abstracts identified from RCT search:

N=9,319

Screened after duplicates removed:

N=6,861

Identified from Cochrane review:

n=8

Excluded:

N=5

Number of papers included:

n=4 RCTs

(3 included in the Cochrane review; 2 identified in review also identified in search)

Excluded:

n =14

Full copies retrieved and assessed for eligibility:

N=17

* 1. Economic systematic review

References identified by the search: n=7,452

Excluded n=7,431

Potentially relevant studies assessed against the inclusion criteria for economic evaluations: n= 21

Excluded: n=17

Number of papers   
included: n=5

Additional studies identified in NICE guidelines: n=1