

### G.1.3 Case finding for people at high risk of dementia

- What are the most effective methods of case finding for people at high risk of dementia?

Number of RCTs	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect size (95% CI)	Quality
New diagnoses of dementia and MCI together among stage 1 participants (with general estimating equation applied to account for clustering)							
1 (van den Dungen 2016)	Not serious	N/A	Serious <sup>1</sup>	Very serious <sup>3</sup>	647	RR 1.33 (0.70, 2.07)*	Very low
New diagnoses of dementia and MCI together among stage 2 participants (adjusted for Activities of Daily Living, ADL, and instrumental ADL dependency)							
1 (van den Dungen 2016)	Not serious	N/A	Serious <sup>1</sup>	Very serious <sup>3</sup>	145	RR 1.07 (0.60, 1.62)*	Very low
Mental Health Elderly (MH5) at baseline (range 0-100)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD 1.59 (-5.04, 8.22)	Moderate
Mental Health Elderly (MH5) at 6 months (range 0-100)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD 2.11 (-3.31, 7.53)	Moderate
Mental Health Elderly (MH5) at 12 months (range 0-100)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD 0.21 (-6.35, 6.77)	Moderate
Mental health close relative (GHQ12) at baseline (range 0-12, higher scores indicate worse health)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.08 (-1.06, 0.90)	Moderate
Mental health close relative (GHQ12) at 6 months (range 0-12, higher scores indicate worse health)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.30 (-1.19, 0.59)	Moderate
Mental health close relative (GHQ12) at 12 months (range 0-12, higher scores indicate worse health)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.33 (-1.30, 0.64)	Moderate
Quality of life elderly (EQ5D) at baseline (range -0.33-1)							

Number of RCTs	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect size (95% CI)	Quality
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.03 (-0.10, 0.04)	Moderate
Quality of life elderly (EQ5D) at 6 months (range -0.33-1)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.02 (-0.09, 0.05)	Moderate
Quality of life elderly (EQ5D) at 12 months (range -0.33-1)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.03 (-0.10, 0.04)	Moderate
Quality of life elderly (QoL-AD) at baseline (range 13-52)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.23 (-2.06, 1.60)	Moderate
Quality of life elderly (QoL-AD) at 6 months (range 13-52)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.61 (-2.31, 1.09)	Moderate
Quality of life elderly (QoL-AD) at 12 months (range 13-52)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	124	MD -0.85 (-2.46, 0.76)	Moderate
Quality of life close relative (EQ5D) at baseline (range -0.33-1)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.04 (-0.11, 0.03)	Moderate
Quality of life close relative (EQ5D) at 6 months (range -0.33-1)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.01 (-0.07, 0.05)	Moderate
Quality of life close relative (EQ5D) at 12 months (range -0.33-1)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.03 (-0.09, 0.03)	Moderate
Sense of competence to provide care, close relative (SSQC) at baseline (range 0-35)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.86 (-2.70, 0.98)	Moderate

Number of RCTs	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect size (95% CI)	Quality
Sense of competence to provide care, close relative (SSQC) at 6 months (range 0-35)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.88 (-2.58, 0.82)	Moderate
Sense of competence to provide care, close relative (SSQC) at 12 months (range 0-35)							
1 (van den Dungen 2016)	Not serious	N/A	Not serious	Serious <sup>2</sup>	104	MD -0.79 (-2.49, 0.91)	Moderate
<ol style="list-style-type: none"> <li>1. Data is for MCI and dementia groups combined. MCI is out of guideline scope.</li> <li>2. Non-significant result.</li> <li>3. 95% CI crosses 2 lines of a defined MID interval</li> </ol> *RR calculated from OR reported in paper.							