

## G.9.2 Pre, peri and post-diagnostic counselling and support for people living with dementia and their families

- How effective are pre, peri & post-diagnostic counselling and support on outcomes for people living with dementia and their families?

### G.9.2.1 Psychosocial interventions (outcomes in people with dementia)

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Intervention	Control	Summary of results	
<b>Quality of life (QoL-VAS) at 12 months – higher numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	128	143	MD 2.95 (-1.80, 7.70)	Moderate
<b>Quality of life (QoL-VAS) at 36 months – higher numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Serious <sup>2</sup>	247	319	MD -2.18 (-7.11, 2.75)	Moderate
<b>Quality of life (QoL-AD) at 12 months – higher numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Not serious	130	144	MD 2.14 (0.84, 3.44)	High
<b>Quality of life (QoL-AD) at 36 months – higher numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Serious <sup>2</sup>	247	319	MD -0.62 (-1.91, 0.67)	Moderate
<b>Cognitive impairment (MMSE) at 12 months – higher numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	130	139	MD 0.25 (-0.73, 1.23)	Moderate
<b>Cognitive impairment (MMSE) at 36 months – higher numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Serious <sup>2</sup>	247	319	MD -0.40 (-1.73, 0.93)	Moderate
<b>Memory disorder severity (CDR-SOB) at 36 months – lower numbers favours intervention</b>									
1 (Koivisto 2016)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Not serious	84	152	MD 1.30 (0.07, 2.53)	High
<b>Activities of daily living (ADSC-ADL) at 12 months – higher numbers favour intervention</b>									

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Intervention	Control	Summary of results	
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	130	143	MD -1.76 (-4.85, 1.33)	Moderate
<b>Activities of daily living (ADSC-ADL) at 36 months – higher numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Not serious	247	319	MD -5.60 (-9.68, -1.53)	High
<b>Behavioural disturbances (NPI-Q) at 12 months – lower numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	129	143	MD 0.42 (-0.55, 1.39)	Moderate
<b>Behavioural disturbances (NPI or NPI-Q) at 36 months – lower numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Serious <sup>2</sup>	247	319	MD 0.34 (-0.93, 1.60)	Moderate
<b>Depression (CDS) at 12 months – lower numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Not serious	130	141	MD -1.58 (-2.79, -0.37)	High
<b>Depression (CDS) at 36 months – lower numbers favour intervention</b>									
1 (Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	163	167	MD -0.05 (-1.41, 1.31)	Moderate
<b>Nursing home placement at 36 months – lower numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Not serious	Serious <sup>2</sup>	247	319	RR 1.03 (0.77, 1.39)	Moderate
<b>Mortality at 12 months – lower numbers favour intervention</b>									
1 (Waldorff 2012)	RCT	Not serious <sup>1</sup>	Not serious	N/A	Serious <sup>2</sup>	163	167	RR 3.42 (0.96, 12.19)	Moderate
<b>Mortality at 36 months – lower numbers favour intervention</b>									
2 (Koivisto 2016, Phung 2013)	RCT	Not serious <sup>1</sup>	Not serious	Serious <sup>3</sup>	Serious <sup>2</sup>	247	319	RR 1.37 (0.69, 2.73)	Low
1. Participants in studies not blinded, but not judged to be a serious risk of bias 2. Non-significant result									

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Intervention	Control	Summary of results	
3. $i^2 > 40\%$ Waldorff 2012 and Phung 2013 report the 12-month and 36-month follow-up of the same RCT.									