

G.7.2.5 Cholinesterase inhibitor switch to memantine

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Memantine	Continuation	Effect size (95% CI)	
Cognition (MMSE): lower values favour continuation									
Howard 2012 ^a	RCT	Not serious	Not serious	Not serious	Serious ²	51	54	MD -0.47 (-1.77, 0.83)	Moderate
Activities of daily living (ADCS-ADL/BADLS): higher values favour continuation									
Howard 2012 ^a	RCT	Not serious	Not serious	Not serious	Serious ²	51	54	MD 0.21 (-2.91, 3.34)	Moderate
Behavioural and psychological symptoms (NPI): higher values favour continuation									
Howard 2012 ^a	RCT	Not serious	Not serious	Serious ¹	Serious ²	51	54	MD -9.28 (-20.49, 1.93)	Low
Quality of life (DEMQOL): lower values favour continuation									
Howard 2012 ^a	RCT	Not serious	Not serious	Not serious	Serious ²	51	54	MD 2.62 (-3.43, 8.66)	Moderate
GHQ-12: lower values favour continuation									
Howard 2012 ^a	RCT	Not serious	Not serious	Serious ¹	Serious ²	47	51	MD -0.07 (-2.00, 1.86)	Low
Entry to care home: lower numbers favour continuation									
Howard 2012	RCT	Not serious	Not serious	N/A	Serious ²	76	73	HR 1.40 (0.90, 2.20)	Moderate

1. I²>40%
2. Non-significant result
a: extracted from additional data (see appendix E)