

G.7.4.3 Semantic variant frontotemporal dementia

Memantine versus placebo

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Memantine	Placebo	Summary of results	
Cognitive outcomes – global cognition									
MMSE (higher values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD -0.40 (-3.09, 2.29)	Low
EXIT-25 (lower values = better score)									

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Memantine	Placebo	Summary of results	
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD -0.80 (-7.45, 5.85)	Low
Neuropsychiatric symptoms									
NPI (lower values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD 0.00 (-5.36, 5.36)	Low
Global assessment									
Clinician's Global Impression of Change (lower values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD 0.00 (-0.36, 0.36)	Low
Clinical Dementia Rating Sum of Boxes (lower values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD 0.90 (-0.28, 2.08)	Low
Motor function									
Unified Parkinson's disease rating scale (lower values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	8	9	MD 3.30 (-3.14, 9.74)	Low
Adverse events									
Serious adverse events (lower values = better score)									
1 (Boxer 2013)	RCT	Not serious	Not serious	N/A	Very serious ¹	0/8	0/9	No events in either group	Low

1. Small sample size and non-significant result.