

G.6.1.3 Statins versus placebo

Quality assessment						No of patients		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Intervention	Control	Summary of results	
Cognition – ADAS-cog (6 months) – lower numbers favour NSAIDs									
4	RCT	Serious ¹	Not serious	Not serious	Serious ²	551	516	MD -0.08 (-0.85, 0.70)	Low
Cognition – ADAS-cog (12 months) – lower numbers favour NSAIDs									
2	RCT	Serious ¹	Not serious	Not serious	Serious ²	440	480	MD -0.12 (-1.04, 0.80)	Low
Cognition – MMSE (6 months) – higher numbers favour NSAIDs									
4	RCT	Serious ¹	Not serious	Serious ³	Serious ²	523	561	MD 0.48 (-0.12, 1.08)	Very low
Cognition – MMSE (12 months) – higher numbers favour NSAIDs									
3	RCT	Serious ¹	Not serious	Serious ³	Serious ²	472	511	MD 0.42 (-0.37, 1.20)	Very low
Behavioural symptoms – NPI (6 months) – lower numbers favour NSAIDs									
3	RCT	Serious ¹	Not serious	Serious ³	Serious ²	498	541	MD -1.59 (-3.47, 0.29)	Very low
Behavioural symptoms – NPI (12 months) – lower numbers favour NSAIDs									
3	RCT	Serious ¹	Not serious	Serious ³	Serious ²	472	511	MD -1.64 (-3.45, 0.18)	Very low
Any adverse events (12 months)									
2	RCT	Serious ¹	Not serious	Serious ³	Very serious ⁴	396	527	RR 1.71 (0.39, 7.60)	Very low
Serious adverse events (12 months)									
3	RCT	Serious ¹	Not serious	Not serious	Serious ⁵	518	527	RR 0.96 (0.77, 1.19)	Low
Adverse events leading to discontinuation (12 months)									
1 (Feldman 2010)	RCT	Serious ¹	Not serious	N/A	Not serious	314	325	RR 7.45 (2.96, 18.75)	Moderate
Mortality (12 months)									
2	RCT	Serious ¹	Not serious	Serious ¹	Very serious ³	518	527	RR 0.94 (0.34, 2.59)	Very low
<ol style="list-style-type: none"> 1. Participants were allowed to take other medications (such as antipsychotics, antidepressants and vitamin E supplements) which may have had an impact the outcome measure of interest; however, it was not reported what proportions of participants in each group took these medications. 2. Non-significant result 3. I²>40% 4. 95% CI crosses two lines of a defined MID interval. 5. 95% CI crosses one line of a defined MID interval. 									