G.9.1.2 Cognitive training

Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect size (95% CI)	Quality
ost-intervention) – higher numbers	favour intervention	on			
Not serious	Serious ¹	Not serious	Serious ²	252	MD 1.31 (-1.36, 3.98)	Low
ollow-up) – highe	er numbers favour	intervention				
Serious ³	Serious ¹	Not serious	Very serious ⁴	24	MD 0.96 (-3.19, 5.11)	Very low
ures (post-interv	ention) – higher nu	mbers favour inte	rvention			
Not serious	Serious ¹	Not serious	Serious ⁵	608	SMD 0.36 (-0.00, 0.73)	Low
ures (follow-up) ·	- higher numbers f	avour intervention	า			
Not serious	Not serious	Not serious	Serious ⁵	385	SMD 0.04 (-0.16, 0.24)	Moderate
post-intervention	n) – higher number	s favour intervent	ion			
Not serious	Not serious	Not serious	Serious ⁵	444	SMD 0.12 (-0.07, 0.31)	Moderate
follow-up) – high	er numbers favour	intervention				
Not serious	Not serious	Not serious	Very serious ⁶	366	SMD -0.00 (-0.21, 0.20)	Low
chological sym	otoms: NPI (post-in	tervention) – lowe	er numbers favou	r intervention		
Not serious	N/A	Not serious	Serious ²	292	MD 1.81 (-1.57, 5.19)	Moderate
chological sym	otoms: NPI (follow-	up) – Iower numb	ers favour interve	ention		
Not serious	N/A	Not serious	Serious ²	233	MD 3.73 (-0.38, 7.84)	Moderate
chological sym	otoms: all measure	s (post-intervention	on) – higher numl	bers favour interv	vention	
Not serious	N/A	Not serious	Serious ⁵	292	SMD -0.12 (-0.35, 0.11)	Moderate
chological sym	otoms: all measure	s (follow-up) – hig	her numbers fav	our intervention		
Not serious	N/A	Not serious	Serious ⁵	233	SMD -0.23 (-0.49, 0.03)	Moderate
scale for depres	sion in dementia (post-intervention)	– higher number	s favour interver	ntion	
Serious ³	N/A	Not serious	Very serious ⁴	32	MD -1.51 (-5.99, 2.77)	Very low
sures (post-inter	vention) – higher r	numbers favour in	tervention			
Not serious	Serious ¹	Not serious	Serious ⁵	392	SMD -0.03 (-0.23, 0.17)	Low
	Not serious Serious ³ Ures (post-interv Not serious Ures (follow-up) - Not serious Dot serious Dot serious Follow-up) - high Not serious Dot serious	post-intervention) – higher numbers Not serious Serious ¹ pollow-up) – higher numbers favour Serious ³ Serious ¹ pures (post-intervention) – higher numbers Not serious Serious ¹ pures (follow-up) – higher numbers f Not serious Not serious post-intervention) – higher numbers f Not serious Not serious post-intervention) – higher numbers f Not serious Not serious post-intervention) – higher numbers favour Not serious Not serious follow-up) – higher numbers favour Not serious Not serious follow-up) – higher numbers favour Not serious NA ychological symptoms: NPI (post-in Not serious N/A ychological symptoms: all measure Not serious N/A ycale for depression in dementia (Prost-intervention) – higher numbers favour intervention Not serious Serious ¹ Not serious ollow-up) – higher numbers favour intervention Serious ³ Serious ¹ Not serious ures (post-intervention) – higher numbers favour intervention Not serious Serious ¹ Not serious ures (follow-up) – higher numbers favour intervention Not serious Not serious Not serious ures (follow-up) – higher numbers favour intervention Not serious Not serious Not serious post-intervention) – higher numbers favour intervention Not serious Not serious Not serious post-intervention) – higher numbers favour intervention Not serious Not serious Not serious follow-up) – higher numbers favour intervention Not serious Not serious Not serious follow-up) – higher numbers favour intervention Not serious Not serious Not serious vchological symptoms: NPI (post-intervention) – lower Not serious N/A Not serious vchological symptoms: all measures (post-intervention) Not serious N/A Not serious vchological symptoms: all measures (follow-up)	Not serious Serious ¹ Not serious Serious ² Not serious Serious ¹ Not serious Serious ² Serious ³ Serious ¹ Not serious Very serious ⁴ Serious ³ Serious ¹ Not serious Very serious ⁴ Ures (post-intervention) – higher numbers favour intervention Not serious Serious Not serious Serious ⁵ post-intervention) – higher numbers favour intervention Not serious Not serious Serious ⁵ post-intervention) – higher numbers favour intervention Not serious Not serious Not serious Serious ⁵ follow-up) – higher numbers favour intervention Not serious Not serious Not serious Very serious ⁶ yothological symptoms: NPI (post-intervention) – lower numbers favour intervention Not serious N/A Not serious Serious ² yothological symptoms: all measures (post-intervention) – higher numbers favous <	Not seriousSerious1Not seriousSerious2252collow-up) – higher numbers favour interventionSerious3Serious1Not seriousVery serious424ures (post-intervention) – higher numbers favour interventionNot seriousSerious5608Not seriousSerious1Not seriousSerious5608ures (follow-up) – higher numbers favour interventionNot seriousSerious5385Not seriousNot seriousNot seriousSerious5385post-intervention) – higher numbers favour interventionNot seriousNot seriousSerious5385post-intervention) – higher numbers favour interventionNot seriousNot seriousSerious5444follow-up) – higher numbers favour interventionNot seriousNot seriousSerious2292Not seriousNot seriousNot seriousVery serious6366vchological symptoms:NPI (post-intervention) – lower numbers favour interventionNot seriousN/ANot seriousSerious2292vchological symptoms:NPI (follow-up) – lower numbers favour interventionNot seriousN/ANot seriousSerious5292vchological symptoms:NIANot seriousSerious5233233233vchological symptoms:all measures (follow-up) – higher numbers favour interventionNot seriousSerious5233vchological symptoms:N/ANot seriousSerious5233233vchological symptoms:all measures (fol	Not seriousSerious'Not seriousSerious'MD 1.31 (-1.36, 3.98)Not seriousSerious'Serious'Not seriousSerious'MD 1.31 (-1.36, 3.98)Serious'Serious'Not seriousSerious'AD 0.96 (-3.19, 5.11)Serious'Serious for the ventionNot seriousSerious'SMD 0.36 (-0.00, 0.73)ures (follow-up) – higher numbers favour interventionNot seriousNot seriousNPI (post-intervention) – lower numbe

© NICE 2018. All rights reserved. See Notice of rights.

Dementia Appendix G: GRADE and CERQual Tables

Number of RCTs	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect size (95% CI)	Quality			
1 (Galante 2007)	Very serious ⁷	N/A	Not serious	Very serious ⁶	11	SMD 0.05 (-1.18, 1.28)	Very low			
Quality of life: QoL-AD (post-intervention) – higher numbers favour intervention										
1 (Amieva 2016)	Not serious	N/A	Not serious	Serious ²	292	MD -0.87 (-1.93, 0.19)	Moderate			
Quality of life: QoL-AD (post-intervention) – higher numbers favour intervention										
1 (Amieva 2016)	Not serious	N/A	Not serious	Serious ²	233	MD -0.93 (-2.10, 0.24)	Moderate			
Quality of life: all measures (post-intervention) – higher numbers favour intervention										
1 (Amieva 2016)	Not serious	N/A	Not serious	Serious ⁵	292	SMD -0.19 (-0.42, 0.04)	Moderate			
Quality of life: all measures (follow-up) – higher numbers favour intervention										
1 (Amieva 2016)	Not serious	N/A	Not serious	Serious ⁵	233	SMD -0.20 (-0.46, 0.05)	Moderate			
Carer burden: all measures (post-intervention) – higher numbers favour intervention										
3	Not serious	Not serious	Not serious	Serious ⁵	372	SMD -0.09 (-0.29, 0.12)	Moderate			
Carer burden: all measures (follow-up) – higher numbers favour intervention										
1 (Amieva 2016)	Not serious	N/A	Not serious	Serious ⁵	233	SMD -0.22 (-0.48, 0.04)	Moderate			
$1 i^2 > 40\%$										

1. i² > 40%

2. Non-significant result

3. No details of randomisation method or assessor blinding reported

4. Non-significant result and small sample size

5. 95% CI crosses 1 line of a defined MID interval

6. 95% CI crosses 2 lines of a defined MID interval

7. No details of randomisation method or assessor blinding reported. Post-hoc exclusion of participants for 'poor compliance'