

G.9.1.16 Assisted animal therapy

Quality assessment						No of participants		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Assisted animal therapy	Control	Summary of results Mean difference (95% CI)	
Depression: CSDD (post-intervention) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	Not serious	Serious ²	22	25	MD -2.47 (-6.14, 1.21)	Low
Depression: CSDD (follow-up): Mild to moderate Dementia (CDR score 1 – 2) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	N/A	Very serious ^{2,3}	11	14	MD -4.36 (-9.74, 1.02)	Very low
Depression: CSDD (follow-up): Severe Dementia (CDR score 3) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	N/A	Not serious	11	10	MD -11.04 (-18.11, -3.97)	Moderate
Depression: CSDD (follow-up): All severities – lower values favour intervention									

Quality assessment						No of participants		Effect estimate	Quality
No of studies	Design	Risk of bias	Indirectness	Inconsistency	Imprecision	Assisted animal therapy	Control	Summary of results Mean difference (95% CI)	
1 (Olsen 2017)	RCT	Serious ¹	Not serious	Serious ⁴	Not serious	22	24	MD -6.81 (-11.09, -2.53)	Low
Quality of life: QUALID (post-intervention) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	Not serious	Serious ²	24	26	SMD -0.14 (-0.70, 0.42)	Low
Quality of life: QUALID (follow-up): Mild to moderate Dementia (CDR score 1 – 2) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	N/A	Very serious ^{2, 3}	12	14	SMD -0.24 (-0.53, 1.02)	Very low
Quality of life: QUALID (follow-up): Severe Dementia (CDR score 3) – lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	N/A	Not serious	11	11	SMD -0.91 (-1.80, -0.02)	Moderate
Quality of life: QUALID (follow-up): lower values favour intervention									
1 (Olsen 2017)	RCT	Serious ¹	Not serious	Serious ⁴	Serious ²	23	25	SMD -0.26 (-0.84, 0.33)	Very low
<ol style="list-style-type: none"> 1. Method of diagnosis of dementia is not reported. 2. Non-significant result. 3. Low participant numbers. 4. I²>40% 									
<p>Note: data required for analysis was calculated by information provided in Olsen 201, but not reported in Olsen 2017. BARS: Brief Agitation Rating Scale, CSDD: Cornell Scale for Depression in Dementia; QUALID: Quality of Life in Late-stage Dementia</p>									