

Appendix 1: Search Strategy

1. home care services/
2. home health aides/
3. homemaker services/
4. homecare.tw.
5. (home\$ adj1 (care\$ or treat\$ or help\$)).tw.
6. (home\$ adj2 (service\$ or aid\$)).tw.
7. domiciliary.tw.
8. 1 or 2 or 3 or 4 or 5 or 6 or 7
9. activities of daily living/
10. self care/
11. independent living/
12. (function\$ adj1 (independ\$ or abilit\$)).tw.
13. (self adj1 care).tw.
14. (activit\$ adj2 daily).tw.
15. (restorat\$ adj2 (care\$ or model\$ or service\$ or home\$)).tw.
16. (re-able\$ or reable\$ or re-enablem\$ or enablem\$).tw.
17. goals/
18. (goal\$ adj2 (set\$ or treat\$ or therap\$)).tw.
19. 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18
20. 8 and 19
21. randomized controlled trial.pt.
22. controlled clinical trial.pt.
23. (control\$ adj2 trial).tw.
24. intervention studies/
25. experiment\$.tw.
26. (time adj1 series).tw.
27. (pre test or pretest or posttest or post test).tw.
28. random allocation/
29. intervention?.tw.
30. evaluation studies/
31. comparative study.pt
32. 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31
33. 21 and 32
34. nursing home/
35. 33 not 34
36. limit to adults

Appendix 2: Systematic Review Secondary Outcomes

Study	Death	EADL	Admissions	Falls	Mood	HrQoL SCrQoL
Feldman ²⁴	I: 15% (of 229) C: 14% (of 175)	Change scores only – no difference between groups	Not Reported	Not Reported	CES-D No data – but reported no differences between groups	Not Reported
Glendinning ²⁵	I: 11% (74/654) C: 12% (44/361)	Not Reported	Not Reported	Not Reported	Not Reported	Significant improvement in EQ5D score in re-ablement group (P<0.001). No change in control group. No significant differences in ASCOT scores.
Gottlieb ²⁶	Not Reported	Change scores – no differences between groups	Not Reported	Not Reported	Not Reported	Not Reported
King ²⁷	4M I: 2% (2/93) C: 0% (0/93) 7M I: 3% (3/93) C: 2% (2/93)	NEADL - 4M I: 44.3 (0.9) C: 45.0 (1.0) NEADL- 7M I: 44.2 (1.0) C: 44.4 (1.1)	Residential 4M I: 3% (3/93) C: 2% (2/93) 7M I: 4% (4/93) C: 2% (2/93)	Not Reported	Not Reported	SF-36 (overall) Between arm difference in change 3.8 (0.0, 7.7) P= 0.05.
Lewin ²⁸	3M I: 4% (4/100) C: 4% (4/100) 12M I: 11% (11/100) C: 11% (11/100)	PAF – IADL 3M I: 14.8(3.7) C: 14.9(4.1) 12M I: 14.0 (2.8) C: 14.5 (3.9)	Residential 3M I: 1%(1/100) C: 2%(2/100) 12M I: 2% (2/100) C: 4% (4/100)	Not Reported	PGMS 3M I: 10.4 (3.6) C: 11.0 (3.7) 12M I: 10.8 (3.4) C: 10.9 (3.6) Significant difference in change (2.04, P=0.041)	Not Reported
Lewin ²⁹	3M I: 5% (17/375) C: 7% (25/375) 6M I: 17% (65/375) C: 19% (72/375)	Obtained from authors No difference between groups	Hospital/ Residential/ Hospice 3M I: 13% (49/375) C: 7% (27/375) 6M I: 13% (49/375) C: 14% (52/375)	Not Reported	Not Reported	Collected but not presented in paper. No differences reported.

Study	Death	EADL	Admissions	Falls	Mood	HrQoL SCrQoL
Marek ³⁰	I: 11% (6/55) C: 7% (2/30)	Not Reported	Nursing Home I: 4% (2/55) C: 23% (7/30)	Not Reported	Mood indicators – Minimum dataset I: 0.3 (0.6) C: 0.7 (1.5) No difference	Not Reported
Markle-Reid ³¹	I: 10% (6/62) C: 11% (7/64)	Not Reported	Hospital Admission I: 16%(of 62) C: 24% (of 64)	Not Reported	CES-D I: 8.61 (6.98) C: 13.64 (12.04) P=0.02	SF-36 Split into component scales – significant improvement in summary scales in intervention group.
Markle-Reid ³²	Group data not reported.	Not Reported	Not Reported	Not Reported	CES-D Difference in mean change in favour of I: 2.72 (0.39, 5.07), P 0.022	SF-36 Split into component scales
Markle-Reid ³³	I: 8% (4/52) C: 6% (3/49)	Not Reported	Not Reported	Not Reported	CES-D I: 11.40 (11.95) C: 12.62 (10.9) No difference	SF-36 Split into component scales
Parsons ³⁴	I: 0% (0/108) C: 4% (4/97)	Not Reported	Not Reported	Not Reported	Not Reported	SF-36 (overall) Intergroup difference in change from baseline P <0.0001 in favour of Intervention.
Tinetti ³⁵	I: 0.4% (3/691) C: 0.1% (1/691)	Home Mgmt I: 9.5 (2.9) C: 9.2 (3.0)	No longer at home I: 18% (122/691) C: 29% (201/691)	Not reported	Not reported	Not reported
Zingmark ³⁶	I: 9% (5/55) C: 9% (3/32)	Not Reported	Nursing Home I: 2% (1/55) C: 0% (0/32)	Not Reported	Not Reported	EQ5D Graphically displayed (no data)
Total (/13)	11	6	7	0	6	8

Study	Health Economic	Caregiver Strain	On-going Homecare	Participant Satisfaction	Provider Satisfaction
Feldman ²⁴	\$2,900 annual cost saving per person in intervention group	Not Reported	Average of 6 less hours per week in intervention group.	Participants at intervention site significantly less satisfied with service.	Not Reported
Glendinning ²⁵	Re-ablement associated with significant decrease in subsequent social care costs. High probability of cost effectiveness.	Not Reported	Cost data, not hours or per participant. Intervention participants used less social care services during follow-up period.	Not Reported	Not Reported
Gottlieb ²⁶	Not Reported	Not Reported	Significantly greater increase in use of formal service in control group (change scores only – no data).	Not Reported	Not Reported
King ²⁷	Not Reported	Not Reported	Reduced Support I: 29% (22/76) C: 0% (0/81)	Not Reported	Not Reported
Lewin ²⁸	Not Reported	Not Reported	Reduced/ Discontinued 3M I: 66% (66/100) C: 11% (11/100) 12M I: 65% (65/100) C: 26% (26/100)	Not Reported	Not Reported
Lewin ²⁹	Not Reported	Not Reported	Needing on-going 'personal care' 3M I: 28% (103/375) C: 64% (238/375) 6M I: 18% (67/375) C: 40% (151/375)	Not Reported	Not Reported
Marek ³⁰	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported
Markle-Reid ³¹	Higher costs related to intervention; lower acute hospitalisation costs.	Not Reported	Not Reported	Not Reported	Not Reported

Study	Health Economic	Caregiver Strain	On-going Homecare	Participant Satisfaction	Provider Satisfaction
Markle-Reid ³²	No differences in health and social services cost at 6months.	Not Reported	Not Reported	Not Reported	Not Reported
Markle-Reid ³³	Higher total per-person mean cost of health services in the intervention group.	Not Reported	Not Reported	Not Reported	Not Reported
Parsons ³⁴	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported
Tinetti ³⁵	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported
Zingmark ³⁶	Not Reported	Not Reported	I: 30% (14/46) C: 75% (21/28)	Not Reported	Not Reported
Total (/13)	5	0	6	1	0
Key: M = Months I = Intervention C = Control Deaths and admissions data is cumulative where there is more than one time point. Differences in data presentation reflects the different ways in which the data was reported (and what could be extracted) from the original papers.					