**Table 7. Patient Institutionalization Outcomes From Caregiver Trials**

| **Intervention Type** | **Study** | **n Randomized** | **Measure** | **Time** | **Intervention Group** | **Control Group** | **P-value** | **Notes and Related Outcomes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Psychoeducational Programs** | Belle, 2006165 | IG: 323  CG: 319 | Institutionalized, n (%) | 6m | 14 (4.3) | 23 (7.2) | NSD |  |
| Brodaty, 1989166 | IG: 36  CG: 32 | Nursing home admissions, n (%) | 7.8 yrs | 26 (79) | 27 (90) | NR |  |
| de Rotrou, 2011170 | IG: 79  CG: 78 | Institutionalized, n | 6m | 2 | 1 | NR |  |
| Hebert, 1994173 | IG: 24  CG: 21 | Institutionalized, n | 8m | 2 | 5 (1 patient was institutionalized before baseline assessment) | NR |  |
| Kurz, 2010176 | IG: 156  CG: 136 | Permanent nursing home institutionalizations, n | 15m | 34 | 23 | 0.25 |  |
| Ulstein, 2007179 | IG: 90  CG: 90 | Admitted to a nursing home, n (%) | 12m | 10 (11.5) | 16 (19.0) | NSD |  |
| **Individual Psychoeducational Programs** | Hebert, 2003190 | IG: 72  CG: 72 | Institutionalized, n (%) | 16 wks | 11 (15.3) | 13 (18.1) | NR |  |
| Spijker, 2011198 | IG: 158  CG: 143 | Institutionalization rate, n (%) | 12m | 47 (52.2) | 43 (47.8) | 1.00 | OR (95% CI): 0.98 (0.54, 1.79) |
| Graff, 2006189 | IG: 68  CG: 67 | Institutionalized, n | 12 wks | 3 | 2 | NR |  |
| Teri, 2005199 | IG: 47  CG: 48 | Institutionalized, n | 6m | 1 | 3 | NR |  |
| Voigt-Radloff, 2011200 | IG: 71  CG: 70 | Admitted to a nursing home, n | 12m | 0 | 1 | NR |  |
| Wright, 2001202 | IG: 68  CG: 25 | Institutionalized, n (%) | 12m | 17 (28) | 5 (22) | NR |  |
| **Psychoed + Care/Case Management** | Callahan, 2006204 | IG: 84  CG: 69 | Cumulative nursing home placement, n | 6m | 3 | 1 | NR |  |
| 12m | 7 | 2 | NR |  |
| 18m | 7 | 5 | NR |  |
| Chu, 2000205 | IG: 37  CG: 38 | Institutionalized, n (%) | 18m | 4 (12.1) | 10 (27.8) | NR |  |
| Eloniemi-Sulkava 2009225 | IG: 63  CG: 62 | Long-term care, percent (95% CI) | 12m | 6.6 (2.5, 16.7) | 15.2 (8.2, 27.2) | NR | Crude hazard ratio= 0.66 (p=0.28) |
| 18m | 12.0 (5.9, 23.5) | 24.4 (15.2, 37.8) | NR |
| 24 m | 24.2 (14.0, 39.9) | 28.3 (18.4, 42.1) | NR |
| Eloniemi-Sulvaka, 2001206 | IG: 53  CG: 47 | Cumulative insitutionalization, n (%) | 12m | 4 (8) | 9 (19) | 0.09 |  |
| 24m | 17 (32) | 14 (30) | 0.80 |  |
| Lam, 2010209 | IG: 59  CG: 43 | Nursing home admission, n | 12m | 3 | 1 | NR |  |
| Fortinsky, 2009207 | IG: 54  CG: 30 | Nursing home admission, n (%) | 12m | 8 (16) | 10 (33) | NR | OR=0.40, p=0.10 |
| **Technology-based** | Finkel, 2007213 | IG: 23  CG: 23 | Institutionalized, n | 6m | 3 | 2 | NR |  |
| **Family Information and Counseling** | Mittleman, 2008217 | IG: 79  CG: 79 | Institutionalized, n | 5.4y | 35 | 36 | NR |  |
| **Peer Support** | Charlesworth, 2008218 | IG: 116  CG: 120 | Cumulative institutionalization, n | 6m | 13 | 11 | NR |  |
| 15m | 19 | 13 | NR |  |
| 24m | 21 | 17 | NR |  |
| **Assessment and Referral** | Logiudice, 1999211 | IG: 25  CG: 25 | Residential care (not cumulative), n | 6m | 0 | 2 | 0.15 |  |
| 12m | 6 | 1 | 0.30 |  |

\*n analyzed, n randomized was not reported.

**Abbreviations:** CG = control group; CI = confidence interval; IG = intervention group; m = month; n = number; NR = not reported; NSD = no significant difference; OR = odds ratio; wks = weeks; yrs = years.