Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Dowling, 20051 NA Government | NR | NR | NR | NR | NR |
| Fritsch, 20092 NA Foundation or non-profit | NR | Disengaged G1: 68/1651 G2:107/1250  0.481 times less disengaged for G1 p<0.001  Nonsocial engagement G1:174/1651 G2:135/1250  0.976 times less nonsocial engagement for the G1 p=0.822  Engagement G1: 1400/1651 G2:1007/1250 1.053 times more engaged for G1 p=0.003 | NR | NR | NR |
| Hickman, 20073 NA Government | NR | NR | NR | NR | NR |
| Kovach, 20064 NA Government | NR | NR | NR | NR | NR |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Leon and Ory, 1999 5  NA  Government | NR | NR | CMAI – Physically Aggressive Behavior  Baseline (Unadjusted)  G1: 4.84  G2: 4.10  p=NS  Beta Coefficients (adjusted)*c*  SCU Placement = 0.31, p=NS  Religious Facility = 1.80, p=NS  Large facility = -0.90, p=NS  Gender of resident =2.05, p=NS  Age of resident = -0.18, p<0.001  Disruptive behavior=1.65, p<0.001  Level of ADL=0.20, p=NS  Level of Cognitive Status = -0.27, p=NS | NR | NR |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Remington, 20026 NA Other | NR | NR | CMAI, Mean Baseline G1: 18.41 G2: 16.47 G3: 22.00 G4: 21.76  Endpoint G1 : 4.65 G2: 3.06 G3: 3.76 G4: 20.47  Within Group Reduction in Score G1:13.76 G2: 13.41 G3: 18.24 G4: 1.29  Significant difference found in level of agitation among four groups in repeated measures analysis of variance, p<0.01  Significant difference found between groups on physically nonaggressive behaviors, p<0.01 | NR | NR |
| Rosswurm, 19907 NA Other | NR | NR | NR | NR | NR |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Sloane, 20048 NA Government | NR | NR | CAREBA Endpoint  G1: 25.84 G2: vs..51 G3: 35.65 G1 vs. G3 p=0.02 G2 vs. G3 p=0.01 G1 vs. G2 Change from Baseline, p=0.43 | NR | NR |
| Sloane, 20059 Collaborative Studies of Long-Term Care Government | Decrease in Social Function (Adjusted Rates) Mild Dementia G1: 1.55 G2: 1.76 p=0.568  Moderate or Severe Dementia G1: 0.91 G2: 1.44 p=0.110  Decrease in Social Function (Adjusted Rates)  G3: 1.58 G4: 1.34 p=0.681 G5: 1.88 G6: 1.46 p=0.303 | MOSES subscale; Increased withdrawal from activities (Adjusted Rates) Mild Dementia G1: 2.84 G2: 2.24 p=0.364  Moderate or Severe Dementia G1: 2.55 G2: 1.78 p=0.307  MOSES subscale; Increased withdrawal from activities (Adjusted Rates) G3: 3.48 G4: 2.58 p=0.409 G5: 2.22 G6: 1.77 p=0.604 | CMAI, Increase in Behavior Problems (Adjusted Rates) Mild Dementia G1: 1.08 G2: 0.69 p=0.604  Moderate or Severe Dementia G1: 1.72 G2: 1.49 p=0.809  CMAI, Increase in Behavior Problems (Adjusted Rates) G3: -1.53 G4: -1.14 p=0.763 G5: -2.18 G6: -0.72 p=0.168 | NR | NR |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Sloane, 200810 Collaborative Studies of Long-Term Care Other | NR | NR | NR | NR | NR |
| Tappen, 199411 NA Foundation or non-profit | NR | NR | NR | NR | NR |
| Toseland, 199712 NA Government | NR | MOSES Withdrawal Subscale Baseline G1: 14.05 G2:13.05 G3:14.43  Endpoint G1: 13.95  G2: 13.67  G3: 14.91  No effect by Condition X Time | CMAI-N Physically Aggressive Behavior  χ²=14.90 p=0.001 G1 vs. G2 and G3 showed significant reduction in Physically aggressive behaviors  Verbally Aggressive Behavior – χ²=5.88 p=0.053 G1 and G2 vs. G3 showed significant reduction in verbally aggressive behaviors | NR | NR |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Toseland, 199712 NA Government (continued) |  |  | Physically Nonaggressive Behaviors –  χ²=6.76 p=0.034 G2 and G3 reduced  CMAI-O Physically Aggressive Behavior  χ²=1.41 p=0.590  Verbally Aggressive Behavior – χ²=12.46 p=0.002 G2 vs. G1 and G3 showed significantly lower scores in verbally aggressive behaviors Physically Nonaggressive Behaviors χ²=1.52 p=0.47 |  |  |

Evidence Table 8. Psychosocial outcomes for people with dementia: activity engagement, social engagement, agitation, satisfaction, wandering (continued)

| Author, Year Trial Name Funding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction | Wandering |
| --- | --- | --- | --- | --- | --- |
| Whall, 199713 NA Other | NR | NR | CMAI Agitation T-test of mean difference scores  Mean Baseline to T2 -6.73; t=3.13, p<0.004  Mean Baseline to T1 -5.08; p<0.02  Aggression (7-items from CMAI) T-test of mean difference scores Mean Baseline to T2  t=-1.47; p<0.19 | NR | NR |
| Zimmerman, 200514 Dementia Care Project Foundation or non-profit | NR | NR | NR | NR | NR |

aModel 3 independent variables = SCU placement, religious setting, large setting, gender of resident, age of resident at admission, level of disruptive behavior at admission, level of ADL limitations at admission, and level of cognitive status at admission.

Abbreviations: ADL = activities of daily life; CAREBA = Care Recipient Behavior Assessment; CMAI = Cohen-Mansfield Agitation Inventory; CMAI-N = Nurse-derived Cohen-Mansfield Agitation Inventory; CMAI-O = Observer-derived Cohen Mansfield Agitation Inventory; G = group; MOSES = Multidimensional Observation Scale for Elderly Subjects; NA = not applicable; NR = not reported; NS = not sufficient; SCU = special care unit.