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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Dowling, 20051NAGovernment | NR | NR | NR | NR | NR |
| Fritsch, 20092NAFoundation or non-profit | NR | DisengagedG1: 68/1651G2:107/1250 0.481 times less disengaged for G1p<0.001Nonsocial engagementG1:174/1651G2:135/1250 0.976 times less nonsocial engagement for the G1p=0.822EngagementG1: 1400/1651G2:1007/12501.053 times more engaged for G1p=0.003 | NR | NR | NR |
| Hickman, 20073NAGovernment | NR | NR | NR | NR | NR |
| Kovach, 20064NAGovernment | NR | NR | NR | NR | NR |

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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Leon and Ory, 1999 5NAGovernment | NR | NR | CMAI – Physically Aggressive BehaviorBaseline (Unadjusted)G1: 4.84G2: 4.10p=NSBeta Coefficients (adjusted)*c*SCU Placement = 0.31, p=NSReligious Facility = 1.80, p=NSLarge facility = -0.90, p=NSGender of resident =2.05, p=NSAge of resident = -0.18, p<0.001Disruptive behavior=1.65, p<0.001Level of ADL=0.20, p=NSLevel 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, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Remington, 20026NAOther | NR | NR | CMAI, MeanBaselineG1: 18.41G2: 16.47G3: 22.00G4: 21.76EndpointG1 : 4.65G2: 3.06G3: 3.76G4: 20.47Within Group Reduction in ScoreG1:13.76G2: 13.41G3: 18.24G4: 1.29Significant difference found in level of agitation among four groups in repeated measures analysis of variance, p<0.01Significant difference found between groups on physically nonaggressive behaviors, p<0.01 | NR | NR |
| Rosswurm, 19907NAOther | NR | NR | NR | NR | NR |

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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Sloane, 20048NAGovernment | NR | NR | CAREBAEndpoint G1: 25.84G2: vs..51G3: 35.65G1 vs. G3 p=0.02G2 vs. G3 p=0.01G1 vs. G2 Change from Baseline, p=0.43 | NR | NR |
| Sloane, 20059Collaborative Studies of Long-Term CareGovernment | Decrease in Social Function (Adjusted Rates)Mild DementiaG1: 1.55G2: 1.76p=0.568Moderate or Severe DementiaG1: 0.91G2: 1.44p=0.110Decrease in Social Function (Adjusted Rates) G3: 1.58G4: 1.34p=0.681G5: 1.88G6: 1.46p=0.303 | MOSES subscale; Increased withdrawal from activities(Adjusted Rates)Mild DementiaG1: 2.84G2: 2.24p=0.364Moderate or Severe DementiaG1: 2.55G2: 1.78p=0.307MOSES subscale; Increased withdrawal from activities(Adjusted Rates)G3: 3.48G4: 2.58p=0.409G5: 2.22G6: 1.77p=0.604 | CMAI, Increase in Behavior Problems(Adjusted Rates)Mild DementiaG1: 1.08G2: 0.69p=0.604Moderate or Severe DementiaG1: 1.72G2: 1.49p=0.809CMAI, Increase in Behavior Problems(Adjusted Rates)G3: -1.53G4: -1.14p=0.763G5: -2.18G6: -0.72p=0.168 | NR | NR |

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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Sloane, 200810Collaborative Studies of Long-Term CareOther | NR | NR | NR | NR | NR |
| Tappen, 199411NAFoundation or non-profit | NR | NR | NR | NR | NR |
| Toseland, 199712NAGovernment | NR | MOSES Withdrawal SubscaleBaselineG1: 14.05G2:13.05G3:14.43EndpointG1: 13.95 G2: 13.67 G3: 14.91 No effect by Condition X Time | CMAI-NPhysically Aggressive Behavior χ²=14.90p=0.001G1 vs. G2 and G3 showed significant reduction in Physically aggressive behaviors Verbally Aggressive Behavior –χ²=5.88p=0.053G1 and G2 vs. G3 showed significant reduction inverbally aggressive behaviors  | NR | NR |

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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Toseland, 199712NAGovernment (continued) |  |  | Physically Nonaggressive Behaviors – χ²=6.76p=0.034G2 and G3 reducedCMAI-OPhysically Aggressive Behavior χ²=1.41p=0.590 Verbally Aggressive Behavior –χ²=12.46p=0.002G2 vs. G1 and G3 showed significantly lower scores in verbally aggressive behaviorsPhysically Nonaggressive Behaviorsχ²=1.52p=0.47 |  |  |

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

| Author, YearTrial NameFunding Source | Activity Engagement | Social Engagement | Agitation | Satisfaction  | Wandering |
| --- | --- | --- | --- | --- | --- |
| Whall, 199713NAOther | NR | NR | CMAIAgitationT-test of mean difference scoresMean Baseline to T2 -6.73; t=3.13, p<0.004Mean Baseline to T1 -5.08; p<0.02Aggression (7-items from CMAI)T-test of mean difference scoresMean Baseline to T2 t=-1.47; p<0.19 | NR | NR |
| Zimmerman, 200514Dementia Care ProjectFoundation 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.