

Best Evidence Summaries of Topics in Mental Healthcare

BEST *in* **MH** *clinical question-answering service*

Question

“In patients with vascular dementia, which intervention is most effective for reducing time spent in bed or increasing activity levels?”

Clarification of question using PICO structure

Patients: Patients with vascular dementia
Intervention: Any intervention
Comparator: Any comparator
Outcome: Reducing time spent in bed or increasing activity levels

Clinical and research implications

No high quality research evidence was identified.

What does the evidence say?

Number of included studies/reviews (number of participants)

N/A

Main Findings

N/A

Authors Conclusions

N/A

Reliability of conclusions/Strength of evidence

N/A

What do guidelines say?

Although not specifically about time spent in bed, SIGN guidelines for the management of patients with dementia provide the following guidelines regarding treatment for sleep disturbances:

“Bright light therapy is not recommended for the treatment of cognitive impairment, sleep disturbance or agitation in people with dementia.” (CG86, p.10)

Date question received: 31/08/2014

Date searches conducted: 10/09/2014

Date answer completed: 12/09/2014

References

Scottish Intercollegiate Guidelines Network. (2006). *Management of patients with dementia. CG86*. Scottish Intercollegiate Guidelines Network: Edinburgh <http://sign.ac.uk/pdf/sign86.pdf>

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>SRs and Guidelines</i>			
NICE	vascular dementia sleep	9	1
DARE	1 (Vascular adj3 dement*) IN DARE 64 Delete 2 (Vascular adj2 cognitive adj2 impair*) IN DARE 6 Delete 3 MeSH DESCRIPTOR Dementia, Vascular EXPLODE ALL TREES 21 Delete 4 (dement*) IN DARE 567 Delete 5 MeSH DESCRIPTOR Dementia EXPLODE ALL TREES 589 Delete 6 #1 OR #2 OR #3 OR #4 OR #5 885 Delete 7 (somnolence) IN DARE 118 Delete 8 MeSH DESCRIPTOR Disorders of Excessive Somnolence EXPLODE ALL TREES 20 Delete 9 (hypersomnia* or sleep* or hypersomn*) IN DARE 533 Delete 10 MeSH DESCRIPTOR Hypersomnolence, Idiopathic EXPLODE ALL TREES 0 Delete 11 MeSH DESCRIPTOR Sleep Disorders, Intrinsic EXPLODE ALL TREES 349 Delete 12 MeSH DESCRIPTOR Sleep Disorders EXPLODE ALL TREES 407 Delete 13 (sleep* adj2 disorder*) IN DARE 90 Delete 14 #7 OR #8 OR #9 OR #11 OR #12 OR #13 806 Delete 15 #6 AND #14 37 Delete	37	0
<i>Primary studies</i>			
CENTRAL	#1 MeSH descriptor: [Dementia, Vascular] explode all trees 297 #2 dementia 10994 #3 #1 or #2 10996 #4 MeSH descriptor: [Activities of Daily Living] explode all trees 3902 #5 MeSH descriptor: [Sensory Art Therapies] explode all trees 1726 #6 MeSH descriptor: [Horticultural Therapy] explode all trees 4	497	

	#7 MeSH descriptor: [Psychotherapy, Group] explode all trees 2435 #8 bathing or washing 5268 #9 cooking or baking or gardening 3998 #10 housework or chores 152 #11 craft 290 #12 nature 10839 #13 MeSH descriptor: [Exercise] explode all trees 13982 #14 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 40162 #15 #3 and #14 1343 #16 medication or drug therapy or antipsychotic or antidepressant 261069 #17 #15 not #16 625 Central only 497		
PsycINFO	1. PsycINFO; VASCULAR DEMENTIA/ OR DEMENTIA/; 24090 results. 2. PsycINFO; ACTIVITY LEVEL/; 7899 results. 3. PsycINFO; ACTIVITIES OF DAILY LIVING/ OR SELF CARE SKILLS/; 7037 results. 4. PsycINFO; groupwork.ti,ab; 435 results. 5. PsycINFO; GROUP PARTICIPATION/; 2270 results. 6. PsycINFO; CRAFTS/ OR exp CREATIVE ARTS THERAPY/; 8073 results. 7. PsycINFO; HOUSEHOLD MANAGEMENT/; 1640 results. 8. PsycINFO; "domestic chores".ti,ab; 58 results. 9. PsycINFO; HORTICULTURE THERAPY/ OR RECREATION THERAPY/; 762 results. 10. PsycINFO; PHYSICAL THERAPY/; 1606 results. 11. PsycINFO; "NATURE (ENVIRONMENT)"/; 804 results. 12. PsycINFO; cooking.ti,ab; 835 results. 13. PsycINFO; baking.ti,ab; 77 results. 14. PsycINFO; 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12; 30332 results. 15. PsycINFO; 1 AND 14; 797 results. 16. PsycINFO; CLINICAL TRIALS/; 6909 results. 17. PsycINFO; random*.ti,ab; 120704 results. 18. PsycINFO; groups.ti,ab; 347400 results. 19. PsycINFO; (double adj3 blind).ti,ab; 17014 results. 20. PsycINFO; (single adj3 blind).ti,ab; 1319 results.	201	0

	<p>21. PsycINFO; EXPERIMENTAL DESIGN/; 8705 results.</p> <p>22. PsycINFO; controlled.ti,ab; 75210 results.</p> <p>23. PsycINFO; (clinical adj3 study).ti,ab; 7384 results.</p> <p>24. PsycINFO; trial.ti,ab; 63704 results.</p> <p>25. PsycINFO; "treatment outcome clinical trial".md; 24966 results.</p> <p>26. PsycINFO; 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25; 536251 results.</p> <p>27. PsycINFO; 15 AND 26; 201 results.</p>		
Cinahl	<p>16. CINAHL; VASCULAR DEMENTIA/ OR DEMENTIA/; 20321 results.</p> <p>17. CINAHL; ACTIVITY LEVEL/; 0 results.</p> <p>18. CINAHL; ACTIVITIES OF DAILY LIVING/ OR SELF CARE SKILLS/; 16630 results.</p> <p>19. CINAHL; groupwork.ti,ab; 79 results.</p> <p>20. CINAHL; GROUP PARTICIPATION/; 0 results.</p> <p>21. CINAHL; CRAFTS/ OR exp CREATIVE ARTS THERAPY/; 0 results.</p> <p>22. CINAHL; HOUSEHOLD MANAGEMENT/; 0 results.</p> <p>23. CINAHL; "domestic chores".ti,ab; 26 results.</p> <p>24. CINAHL; HORTICULTURE THERAPY/ OR RECREATION THERAPY/; 0 results.</p> <p>25. CINAHL; PHYSICAL THERAPY/; 20046 results.</p> <p>26. CINAHL; "NATURE (ENVIRONMENT)"/; 0 results.</p> <p>27. CINAHL; cooking.ti,ab; 1148 results.</p> <p>28. CINAHL; baking.ti,ab; 93 results.</p> <p>29. CINAHL; 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27; 37366 results.</p> <p>30. CINAHL; 16 AND 29; 899 results.</p> <p>31. CINAHL; exp ACTIVITIES OF DAILY LIVING/; 30163 results.</p> <p>32. CINAHL; exp THERAPEUTIC EXERCISE/; 26801 results.</p> <p>33. CINAHL; "group participation".ti,ab; 177 results.</p> <p>34. CINAHL; ART THERAPY/ OR DANCE THERAPY/ OR MUSIC THERAPY/ OR OCCUPATIONAL THERAPY/; 17035 results.</p> <p>35. CINAHL; ART/ OR DRAWING/ OR HANDICRAFTS/; 5623 results.</p> <p>36. CINAHL; HOME MAINTENANCE/; 1026 results.</p> <p>37. CINAHL; HORTICULTURE/; 1511 results.</p>	311	0

	<p>38. CINAHL; WALKING.ti,ab; 11378 results.</p> <p>39. CINAHL; NATURE.ti,ab; 26432 results.</p> <p>40. CINAHL; 28 OR 29 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39; 130957 results.</p> <p>41. CINAHL; 16 AND 40; 1925 results.</p> <p>42. CINAHL; CLINICAL TRIALS/; 80886 results.</p> <p>43. CINAHL; random*.ti,ab; 112975 results.</p> <p>44. CINAHL; groups.ti,ab; 139361 results.</p> <p>45. CINAHL; (double adj3 blind).ti,ab; 12909 results.</p> <p>46. CINAHL; (single adj3 blind).ti,ab; 1792 results.</p> <p>47. CINAHL; EXPERIMENTAL DESIGN/; 0 results.</p> <p>48. CINAHL; controlled.ti,ab; 65443 results.</p> <p>49. CINAHL; (clinical adj3 study).ti,ab; 10524 results.</p> <p>50. CINAHL; trial.ti,ab; 68026 results.</p> <p>51. CINAHL; "treatment outcome clinical trial".md; 1 results.</p> <p>52. CINAHL; 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51; 304400 results.</p> <p>53. CINAHL; 41 AND 52; 311 results.</p>		
Medline	<p>37. MEDLINE; VASCULAR DEMENTIA/ OR DEMENTIA/; 41154 results.</p> <p>38. MEDLINE; ACTIVITY LEVEL/; 0 results.</p> <p>39. MEDLINE; ACTIVITIES OF DAILY LIVING/ OR SELF CARE SKILLS/; 51615 results.</p> <p>40. MEDLINE; groupwork.ti,ab; 41 results.</p> <p>41. MEDLINE; GROUP PARTICIPATION/; 0 results.</p> <p>42. MEDLINE; CRAFTS/ OR exp CREATIVE ARTS THERAPY/; 2406 results.</p> <p>43. MEDLINE; HOUSEHOLD MANAGEMENT/; 0 results.</p> <p>44. MEDLINE; "domestic chores".ti,ab; 78 results.</p> <p>45. MEDLINE; HORTICULTURE THERAPY/ OR RECREATION THERAPY/; 42 results.</p> <p>46. MEDLINE; PHYSICAL THERAPY/; 0 results.</p> <p>47. MEDLINE; "NATURE (ENVIRONMENT)"/; 0 results.</p> <p>48. MEDLINE; cooking.ti,ab; 8762 results.</p> <p>49. MEDLINE; baking.ti,ab; 1381 results.</p> <p>50. MEDLINE; 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48;</p>	623	0

	<p>62782 results.</p> <p>51. MEDLINE; 37 AND 50; 1939 results.</p> <p>52. MEDLINE; (washing OR bathing).ti,ab; 30723 results.</p> <p>53. MEDLINE; housework.ti,ab; 802 results.</p> <p>54. MEDLINE; gardening.ti,ab; 786 results.</p> <p>55. MEDLINE; craft*.ti,ab; 3699 results.</p> <p>56. MEDLINE; "group participa*".ti,ab; 3897 results.</p> <p>57. MEDLINE; exp EXERCISE/; 123049 results.</p> <p>58. MEDLINE; 50 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57; 220924 results.</p> <p>59. MEDLINE; 37 AND 58; 2241 results.</p> <p>60. MEDLINE; "randomized controlled trial".pt; 387881 results.</p> <p>61. MEDLINE; "controlled clinical trial".pt; 89783 results.</p> <p>62. MEDLINE; randomized.ab; 307874 results.</p> <p>63. MEDLINE; placebo.ab; 159432 results.</p> <p>64. MEDLINE; "drug therapy".fs; 1741471 results.</p> <p>65. MEDLINE; randomly.ab; 222135 results.</p> <p>66. MEDLINE; trial.ab; 320654 results.</p> <p>67. MEDLINE; groups.ab; 1401959 results.</p> <p>68. MEDLINE; 60 OR 61 OR 62 OR 63 OR 64 OR 65 OR 66 OR 67; 3439801 results.</p> <p>69. MEDLINE; 59 AND 68; 623 results.</p>		
Summary	NA	NA	

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