

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

“For patients with language-based frontotemporal dementia, how effective are non-pharmacological interventions, compared to any other intervention/placebo/no intervention, for improving patient outcomes?”

Clarification of question using PICO structure

Patients: Patients with language-based frontotemporal dementia
Intervention: Any non-pharmacological intervention
Comparator: Any other intervention/placebo/no intervention
Outcome: Any patient outcomes

Clinical and research implications

No relevant systematic reviews or randomised controlled trials could be found to answer this question.

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?

Neither National Institute for Health and Care Excellence (NICE) nor Scottish Intercollegiate Guidelines Network (SIGN) guidelines comment upon the use of non-pharmacological interventions for frontotemporal dementia.

Date question received: 11/02/2015

Date searches conducted: 18/02/2015

Date answer completed: 23/02/2015

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
SRs and Guidelines			
NICE	frontotemporal dementia psychological	3	0
Primary studies			
CENTRAL	#1 MeSH descriptor: [Frontotemporal Dementia] explode all trees 9 #2 "semantic dementia" 22 #3 "Progressive non-fluent aphasia" 5 #4 "frontotemporal lobar degeneration" 30 #5 "frontotemporal dementia" 106 #6 "fronto-temporal dementia" 9 #7 #1 or #2 or #3 or #4 or #5 or #6 140 #8 "nonpharmacologic*" 704 #9 "non-pharmacologic*" 1597 #10 MeSH descriptor: [Psychotherapy] explode all trees 15993 #11 MeSH descriptor: [Exercise] explode all trees 14146 #12 Snoezelen or "multisensory stimulation" 76 #13 MeSH descriptor: [Acupuncture Therapy] explode all trees 3166 #14 MeSH descriptor: [Phototherapy] explode all trees 2257 #15 MeSH descriptor: [Complementary Therapies] explode all trees 14414 #16 MeSH descriptor: [Behavior Therapy] explode all trees 10680 #17 "reminiscence therapy" 68 #18 "validation therapy" 22 #19 #8 or #9 or #10 or #11 or #12 or #13 or #14 or 15 or #16 or #17 or #18 165606 #20 #7 and #19 65 Central only 12	12	0
PsycINFO	1. PsycINFO; PICKS DISEASE/; 255 results. 2. PsycINFO; "Frontotemporal Dementia".ti,ab; 2253 results.	14	0

<p>3. PsycINFO; "semantic dementia".ti,ab; 792 results.</p> <p>4. PsycINFO; "Progressive non-fluent aphasia".ti,ab; 90 results.</p> <p>5. PsycINFO; "frontotemporal lobar degeneration".ti,ab; 928 results.</p> <p>6. PsycINFO; 1 OR 2 OR 3 OR 4 OR 5; 3606 results.</p> <p>7. PsycINFO; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*).ti,ab; 3843 results.</p> <p>8. PsycINFO; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*and AND therapy OR intervention).ti,ab; 155041 results.</p> <p>9. PsycINFO; exp PSYCHOTHERAPY/; 181459 results.</p> <p>10. PsycINFO; exp ART THERAPY/; 3633 results.</p> <p>11. PsycINFO; exp CREATIVE ARTS THERAPY/; 8878 results.</p> <p>12. PsycINFO; exp PHYSICAL ACTIVITY/; 25925 results.</p> <p>13. PsycINFO; (Snoezelen OR "multisensory stimulation").ti,ab; 155 results.</p> <p>14. PsycINFO; PHYSICAL TREATMENT METHODS/ OR ACUPUNCTURE/ OR PHOTOTHERAPY/; 3722 results.</p> <p>15. PsycINFO; exp TACTUAL STIMULATION/; 2442 results.</p> <p>16. PsycINFO; exp BEHAVIOR THERAPY/; 17248 results.</p> <p>17. PsycINFO; "reminiscence therapy".ti,ab; 122 results.</p> <p>18. PsycINFO; "validation therapy".ti,ab; 45 results.</p> <p>19. PsycINFO; 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18; 352759 results.</p> <p>20. PsycINFO; 6 AND 19; 55 results.</p> <p>21. PsycINFO; CLINICAL TRIALS/; 8355 results.</p> <p>22. PsycINFO; random*.ti,ab; 138243 results.</p> <p>23. PsycINFO; groups.ti,ab; 383644 results.</p> <p>24. PsycINFO; (double adj3 blind).ti,ab; 18530 results.</p> <p>25. PsycINFO; (single adj3 blind).ti,ab; 1501 results.</p> <p>26. PsycINFO; EXPERIMENTAL DESIGN/; 9474 results.</p> <p>27. PsycINFO; controlled.ti,ab; 85636 results.</p>		
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	<p>28. PsycINFO; (clinical adj3 study).ti,ab; 8357 results.</p> <p>29. PsycINFO; trial.ti,ab; 72767 results.</p> <p>30. PsycINFO; "treatment outcome clinical trial".md; 28978 results.</p> <p>31. PsycINFO; 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30; 595832 results.</p> <p>32. PsycINFO; 20 AND 31; 14 results.</p>		
Embase	<p>21. EMBASE; PICKS DISEASE/; 1044 results.</p> <p>22. EMBASE; "Frontotemporal Dementia".ti,ab; 5177 results.</p> <p>23. EMBASE; "semantic dementia".ti,ab; 1132 results.</p> <p>24. EMBASE; "Progressive non-fluent aphasia".ti,ab; 209 results.</p> <p>25. EMBASE; "frontotemporal lobar degeneration".ti,ab; 2243 results.</p> <p>26. EMBASE; 21 OR 22 OR 23 OR 24 OR 25; 8242 results.</p> <p>27. EMBASE; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*).ti,ab; 35331 results.</p> <p>28. EMBASE; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*and AND therapy OR intervention).ti,ab; 475141 results.</p> <p>29. EMBASE; exp PSYCHOTHERAPY/; 185626 results.</p> <p>30. EMBASE; exp ART THERAPY/; 2410 results.</p> <p>31. EMBASE; exp CREATIVE ARTS THERAPY/; 0 results.</p> <p>32. EMBASE; exp PHYSICAL ACTIVITY/; 246478 results.</p> <p>33. EMBASE; (Snoezelen OR "multisensory stimulation").ti,ab; 205 results.</p> <p>34. EMBASE; PHYSICAL TREATMENT METHODS/ OR ACUPUNCTURE/ OR PHOTOTHERAPY/; 44734 results.</p> <p>35. EMBASE; exp TACTUAL STIMULATION/; 0 results.</p> <p>36. EMBASE; exp BEHAVIOR THERAPY/; 37224 results.</p> <p>37. EMBASE; "reminiscence therapy".ti,ab; 149 results.</p> <p>38. EMBASE; "validation therapy".ti,ab; 53 results.</p> <p>39. EMBASE; 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38; 902136 results.</p>	12	0

	<p>40. EMBASE; 26 AND 39; 269 results.</p> <p>41. EMBASE; ("non pharmacologic*" OR "non-pharmacologic*").ti,ab; 7928 results.</p> <p>42. EMBASE; exp MANIPULATIVE MEDICINE/; 26772 results.</p> <p>43. EMBASE; 29 OR 30 OR 32 OR 33 OR 34 OR 36 OR 37 OR 38 OR 41 OR 42; 496412 results.</p> <p>44. EMBASE; 26 AND 43; 202 results.</p> <p>45. EMBASE; random*.ti,ab; 934075 results.</p> <p>46. EMBASE; factorial*.ti,ab; 24083 results.</p> <p>47. EMBASE; (crossover* OR cross-over*).ti,ab; 71638 results.</p> <p>48. EMBASE; placebo*.ti,ab; 208019 results.</p> <p>49. EMBASE; (doubl* ADJ blind*).ti,ab; 147068 results.</p> <p>50. EMBASE; (singl* ADJ blind*).ti,ab; 15187 results.</p> <p>51. EMBASE; assign*.ti,ab; 250143 results.</p> <p>52. EMBASE; allocat*.ti,ab; 88589 results.</p> <p>53. EMBASE; volunteer*.ti,ab; 182542 results.</p> <p>54. EMBASE; CROSSOVER PROCEDURE/; 41457 results.</p> <p>55. EMBASE; DOUBLE BLIND PROCEDURE/; 117672 results.</p> <p>56. EMBASE; RANDOMIZED CONTROLLED TRIAL/; 359286 results.</p> <p>57. EMBASE; SINGLE BLIND PROCEDURE/; 19436 results.</p> <p>58. EMBASE; 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57; 1480301 results.</p> <p>59. EMBASE; 44 AND 58; 12 results.</p>		
Cinahl	<p>21. CINAHL; PICKS DISEASE/; 0 results.</p> <p>22. CINAHL; "Frontotemporal Dementia".ti,ab; 564 results.</p> <p>23. CINAHL; "semantic dementia".ti,ab; 202 results.</p> <p>24. CINAHL; "Progressive non-fluent aphasia".ti,ab; 18 results.</p> <p>25. CINAHL; "frontotemporal lobar degeneration".ti,ab; 209 results.</p> <p>26. CINAHL; 21 OR 22 OR 23 OR 24 OR 25; 872 results.</p> <p>27. CINAHL; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*).ti,ab; 2005 results.</p>	29	0

	<p>28. CINAHL; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*and AND therapy OR intervention).ti,ab; 95048 results.</p> <p>29. CINAHL; exp PSYCHOTHERAPY/; 89479 results.</p> <p>30. CINAHL; exp ART THERAPY/; 1798 results.</p> <p>31. CINAHL; exp CREATIVE ARTS THERAPY/; 0 results.</p> <p>32. CINAHL; exp PHYSICAL ACTIVITY/; 18361 results.</p> <p>33. CINAHL; (Snoezelen OR "multisensory stimulation").ti,ab; 106 results.</p> <p>34. CINAHL; PHYSICAL TREATMENT METHODS/ OR ACUPUNCTURE/ OR PHOTOTHERAPY/; 8223 results.</p> <p>35. CINAHL; exp TACTUAL STIMULATION/; 0 results.</p> <p>36. CINAHL; exp BEHAVIOR THERAPY/; 12457 results.</p> <p>37. CINAHL; "reminiscence therapy".ti,ab; 110 results.</p> <p>38. CINAHL; "validation therapy".ti,ab; 42 results.</p> <p>39. CINAHL; 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38; 197084 results.</p> <p>40. CINAHL; 26 AND 39; 29 results.</p> <p>41. CINAHL; "massage therapy".ti,ab; 746 results.</p> <p>42. CINAHL; 39 OR 41; 197689 results.</p> <p>43. CINAHL; 26 AND 42; 29 results.</p>		
Medline	<p>21. MEDLINE; PICKS DISEASE/; 367 results.</p> <p>22. MEDLINE; "Frontotemporal Dementia".ti,ab; 3563 results.</p> <p>23. MEDLINE; "semantic dementia".ti,ab; 790 results.</p> <p>24. MEDLINE; "Progressive non-fluent aphasia".ti,ab; 109 results.</p> <p>25. MEDLINE; "frontotemporal lobar degeneration".ti,ab; 1588 results.</p> <p>26. MEDLINE; 21 OR 22 OR 23 OR 24 OR 25; 5433 results.</p> <p>27. MEDLINE; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*).ti,ab; 23587 results.</p> <p>28. MEDLINE; ("non- pharmacologic*" OR non AND pharmacologic* OR nonpharmacologic*and AND therapy OR intervention).ti,ab; 359091 results.</p> <p>29. MEDLINE; exp PSYCHOTHERAPY/; 152149 results.</p> <p>30. MEDLINE; exp ART THERAPY/; 1123 results.</p> <p>31. MEDLINE; exp CREATIVE ARTS THERAPY/; 0 results.</p>	27	0

	<p>32. MEDLINE; exp PHYSICAL ACTIVITY/; 200462 results.</p> <p>33. MEDLINE; (Snoezelen OR "multisensory stimulation").ti,ab; 172 results.</p> <p>34. MEDLINE; PHYSICAL TREATMENT METHODS/ OR ACUPUNCTURE/ OR PHOTOTHERAPY/; 6978 results.</p> <p>35. MEDLINE; exp TACTUAL STIMULATION/; 0 results.</p> <p>36. MEDLINE; exp BEHAVIOR THERAPY/; 53594 results.</p> <p>37. MEDLINE; "reminiscence therapy".ti,ab; 116 results.</p> <p>38. MEDLINE; "validation therapy".ti,ab; 41 results.</p> <p>39. MEDLINE; 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38; 686612 results.</p> <p>40. MEDLINE; 26 AND 39; 91 results.</p> <p>41. MEDLINE; exp SENSORY ART THERAPIES/; 40451 results.</p> <p>42. MEDLINE; ACUPRESSURE/ OR MASSAGE/ OR REFLEXOTHERAPY/; 5618 results.</p> <p>43. MEDLINE; 39 OR 41 OR 42; 724456 results.</p> <p>44. MEDLINE; 26 AND 43; 108 results.</p> <p>45. MEDLINE; "randomized controlled trial".pt; 384261 results.</p> <p>46. MEDLINE; "controlled clinical trial".pt; 88599 results.</p> <p>47. MEDLINE; randomized.ab; 308978 results.</p> <p>48. MEDLINE; placebo.ab; 157999 results.</p> <p>49. MEDLINE; "drug therapy".fs; 1735298 results.</p> <p>50. MEDLINE; randomly.ab; 223888 results.</p> <p>51. MEDLINE; trial.ab; 318887 results.</p> <p>52. MEDLINE; groups.ab; 1413542 results.</p> <p>53. MEDLINE; 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52; 3446441 results.</p> <p>54. MEDLINE; 44 AND 53; 27 results.</p>		
Summary	NA	NA	

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