

Best Evidence Summaries of Topics in Mental Healthcare

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

Question

“In adults with bipolar disorder, how effective is cognitive remediation therapy, compared to treatment as usual, in improving patient outcomes?”

Clarification of question using PICO structure

Patients: Adults with bipolar disorder

Intervention: Cognitive remediation therapy

Comparator: Treatment as usual

Outcome: Improving patient outcomes

Clinical and research implications

No relevant, high quality research 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?

Neither NICE nor SIGN guidelines comment of the use of cognitive remediation for adults with bipolar disorder.

Date question received: 14/11/2013

Date searches conducted: 18/11/2013

Date answer completed: 28/11/2013

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
SRs and Guidelines			
NICE	Bipolar AND cognitive	76	0
DARE	(cogniti* adj4 (remediat* OR enhance* OR rehab*)) IN DARE 68 Delete 2 (schizo*) IN DARE 591 Delete 3 (psycho*) IN DARE 3818 Delete 4 MeSH DESCRIPTOR Schizophrenia EXPLODE ALL TREES 457 Delete 5 MeSH DESCRIPTOR Psychotic Disorders EXPLODE ALL TREES 138 Delete 6 (bipolar OR mania OR manic OR hypomani*) IN DARE 247 Delete 7 (affective ADJ2 disorder*) IN DARE 135 Delete 8 (rapid ADJ2 cycling) IN DARE 12 Delete 9 MeSH DESCRIPTOR Bipolar Disorder EXPLODE ALL TREES 149 Delete 10 #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 4439 Delete 11 #1 AND #10	39	
Primary studies			
CENTRAL	#1 "cognitive remediation":ti,ab,kw 105 #2 "cognitive enhancement""cognitive enhancement" 99 #3 "cognitive rehabilitation""cognitive rehabilitation" 194 #4 "cognitive training""cognitive training" 270 #5 "neurocognitive remediation""neurocognitive remediation" 7 #6 #1 or #2 or #3 or #4 or #5 611 #7 schizophrenia or psychosis or psychotic 11305 #8 MeSH descriptor: [Schizophrenia] 4585 #9 MeSH descriptor: [Psychotic Disorders] 1414 #10Enter terms for search#7 or #8 or #9 11305 #11Enter terms for search#6 and #10 209	56	

	#12 date limit 2010-2013 = 56		
PsycINFO	<ol style="list-style-type: none"> 1. PsycINFO; (cognitive adj3 remediation).ti,ab; 606 results. 2. PsycINFO; (neurocognitive adj3 remediation).ti,ab; 19 results. 3. PsycINFO; (cognitive adj3 training).ti,ab; 2721 results. 4. PsycINFO; (cognitive adj3 enhancement).ti,ab; 623 results. 5. PsycINFO; (cognitive adj3 rehabilitation).ti,ab; 1277 results. 6. PsycINFO; COGNITIVE REHABILITATION/; 1700 results. 7. PsycINFO; 1 OR 2 OR 3 OR 4 OR 5 OR 6; 5633 results. 8. PsycINFO; SCHIZOPHRENIA/; 67054 results. 9. PsycINFO; PSYCHOSIS/; 18802 results. 10. PsycINFO; (schizo* OR psychosis OR psychotic).ti,ab; 127603 results. 11. PsycINFO; 8 OR 9 OR 10; 130868 results. 12. PsycINFO; 7 AND 11; 779 results. 13. PsycINFO; 12 [Limit to: Publication Year 2010-2014]; 285 results. 14. PsycINFO; CLINICAL TRIALS/; 7131 results. 15. PsycINFO; random*.ti,ab; 124276 results. 16. PsycINFO; groups*.ti,ab; 355206 results. 17. PsycINFO; (doubl* adj3 blind*).ti,ab; 17822 results. 18. PsycINFO; (singl* adj3 blind*).ti,ab; 1560 results. 19. PsycINFO; EXPERIMENTAL DESIGN/; 8850 results. 20. PsycINFO; controlled.ti,ab; 77389 results. 21. PsycINFO; (clinical adj3 study).ti,ab; 7612 results. 22. PsycINFO; trial.ti,ab; 65442 results. 23. PsycINFO; "treatment outcome clinical trial".md; 25317 results. 24. PsycINFO; 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23; 548838 results. 25. PsycINFO; 13 AND 24 [Limit to: Publication Year 2010-2014]; 130 results. 	130	
Embase	<ol style="list-style-type: none"> 28. EMBASE; (cognitive adj3 remediation).ti,ab; 747 results. 29. EMBASE; (neurocognitive adj3 remediation).ti,ab; 21 results. 	255	

	<p>30. EMBASE; (cognitive adj3 training).ti,ab; 2272 results.</p> <p>31. EMBASE; (cognitive adj3 enhancement).ti,ab; 882 results.</p> <p>32. EMBASE; (cognitive adj3 rehabilitation).ti,ab; 1572 results.</p> <p>33. EMBASE; SCHIZOPHRENIA/; 128943 results.</p> <p>34. EMBASE; PSYCHOSIS/; 61976 results.</p> <p>35. EMBASE; (schizo* OR psychosis OR psychotic).ti,ab; 161849 results.</p> <p>36. EMBASE; 33 OR 34 OR 35; 212028 results.</p> <p>37. EMBASE; 28 OR 29 OR 30 OR 31 OR 32; 5030 results.</p> <p>38. EMBASE; 36 AND 37; 1088 results.</p> <p>39. EMBASE; 38 [Limit to: Publication Year 2010-Current]; 584 results.</p> <p>40. EMBASE; random*.tw; 857492 results.</p> <p>41. EMBASE; factorial*.tw; 22008 results.</p> <p>42. EMBASE; placebo*.tw; 197236 results.</p> <p>43. EMBASE; (crossover* OR cross-over*).tw; 68527 results.</p> <p>44. EMBASE; (doubl* adj3 blind*).tw; 141884 results.</p> <p>45. EMBASE; (singl* adj3 blind*).tw; 16333 results.</p> <p>46. EMBASE; assign*.tw; 234352 results.</p> <p>47. EMBASE; allocat*.tw; 80659 results.</p> <p>48. EMBASE; volunteer*.tw; 174833 results.</p> <p>49. EMBASE; CROSSOVER PROCEDURE/; 38971 results.</p> <p>50. EMBASE; DOUBLE-BLIND PROCEDURE/; 118651 results.</p> <p>51. EMBASE; SINGLE-BLIND PROCEDURE/; 18506 results.</p> <p>52. EMBASE; RANDOMIZED CONTROLLED TRIAL/; 360008 results.</p> <p>53. EMBASE; 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52; 1386318 results.</p> <p>54. EMBASE; 39 AND 53 [Limit to: Publication Year 2010-Current]; 255 results.</p>		
Medline	<p>55. MEDLINE; (cognitive adj3 remediation).ti,ab; 483 results.</p> <p>56. MEDLINE; (neurocognitive adj3 remediation).ti,ab; 15 results.</p> <p>57. MEDLINE; (cognitive adj3 training).ti,ab; 1671 results.</p>	136	

	<p>58. MEDLINE; (cognitive adj3 enhancement).ti,ab; 760 results.</p> <p>59. MEDLINE; (cognitive adj3 rehabilitation).ti,ab; 1008 results.</p> <p>60. MEDLINE; 55 OR 56 OR 57 OR 58 OR 59; 3634 results.</p> <p>61. MEDLINE; SCHIZOPHRENIA/; 83382 results.</p> <p>62. MEDLINE; PSYCHOSIS/; 32221 results.</p> <p>63. MEDLINE; (schizo* OR psychosis OR psychotic).ti,ab; 133753 results.</p> <p>64. MEDLINE; 61 OR 62 OR 63; 162038 results.</p> <p>65. MEDLINE; 60 AND 64; 703 results.</p> <p>66. MEDLINE; 65 [Limit to: Publication Year 2010-Current]; 326 results.</p> <p>67. MEDLINE; "randomized controlled trial".pt; 390641 results.</p> <p>68. MEDLINE; "controlled clinical trial".pt; 89952 results.</p> <p>69. MEDLINE; placebo.ab; 164006 results.</p> <p>70. MEDLINE; random*.ab; 721173 results.</p> <p>71. MEDLINE; trial.ti; 132129 results.</p> <p>72. MEDLINE; CLINICAL TRIALS AS TOPIC/; 175506 results.</p> <p>73. MEDLINE; 67 OR 68 OR 69 OR 70 OR 71 OR 72; 1107419 results.</p> <p>74. MEDLINE; exp ANIMALS/ NOT HUMANS/; 4062541 results.</p> <p>75. MEDLINE; 73 NOT 74; 1013451 results.</p> <p>76. MEDLINE; 66 AND 75 [Limit to: Publication Year 2010-Current]; 136 results.</p>		
Summary	NA	NA	

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