

# Best Evidence Summaries of Topics in Mental Healthcare

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

## Question

“In adult males with a personality disorder, how effective are group interventions compared with individual interventions/no intervention, for improving emotion regulation?”

## Clarification of question using PICO structure

*Patients:* Adult males with a personality disorder  
*Intervention:* Any group-based intervention  
*Comparator:* Individual intervention/no intervention  
*Outcome:* Emotion regulation

## **Clinical and research implications**

No relevant systematic reviews or randomised controlled trials were 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 effectiveness of group interventions specifically for treating emotion regulation in adult males with personality disorders.

**Date question received:** 13/11/2014

**Date searches conducted:** 18/12/2014

**Date answer completed:** 30/12/2014

## Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<b>SRs and Guidelines</b>			
NICE	personality disorder male emotion regulation	3	0
DARE	<p>1 ((antisocial OR borderline OR compulsive OR dependent OR histrionic OR hysteria OR multiple OR paranoid OR passive-aggressive OR schizoid OR schizotypal OR asocial* OR antisocial*OR dissocial* OR psychopath* OR sadist* OR sociopath*) adj3 person*) IN DARE 70 Delete</p> <p>2 MeSH DESCRIPTOR Antisocial Personality Disorder EXPLODE ALL TREES 10 Delete</p> <p>3 MeSH DESCRIPTOR Borderline Personality Disorder EXPLODE ALL TREES 27 Delete</p> <p>4 MeSH DESCRIPTOR Compulsive Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>5 MeSH DESCRIPTOR Dependent Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>6 MeSH DESCRIPTOR Histrionic Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>7 MeSH DESCRIPTOR Multiple Personality Disorder EXPLODE ALL TREES 0 Delete</p> <p>8 MeSH DESCRIPTOR Paranoid Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>9 MeSH DESCRIPTOR Personality Disorders EXPLODE ALL TREES 66 Delete</p> <p>10 MeSH DESCRIPTOR Schizoid Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>11 MeSH DESCRIPTOR Schizotypal Personality Disorder EXPLODE ALL TREES 1 Delete</p> <p>12 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 110 Delete</p>	110	0
<b>Primary studies</b>			
CENTRAL	<p>#1 MeSH descriptor: [Personality Disorders] explode all trees 839</p> <p>#2 MeSH descriptor: [Psychotherapy, Group] explode all trees 2460</p> <p>#3 "group intervention" or "group therap*" 1491</p>	21	0

	<p>#4 "individual psychotherapy" or "individual therap*" or individual 35284</p> <p>#5 #2 or #3 or #4 38129</p> <p>#6 MeSH descriptor: [Emotions] explode all trees 11667</p> <p>#7 "emotion regulation" 167</p> <p>#8 "self regulation" or "self control" 1207</p> <p>#9 #6 or #7 or #8 12875</p> <p>#10 #1 and #5 and #9 27</p> <p>Central only 21</p>		
PsycINFO	<p>1. PsycINFO; exp PERSONALITY DISORDERS/; 21892 results.</p> <p>2. PsycINFO; exp GROUP PSYCHOTHERAPY/; 20001 results.</p> <p>3. PsycINFO; GROUP INTERVENTION/; 1141 results.</p> <p>4. PsycINFO; "group therap*".ti,ab; 10438 results.</p> <p>5. PsycINFO; 2 OR 3 OR 4; 24623 results.</p> <p>6. PsycINFO; 1 AND 5; 565 results.</p> <p>7. PsycINFO; EMOTIONAL REGULATION/ OR EMOTIONAL CONTROL [+NT]/ OR SELF REGULATION/; 12821 results.</p> <p>8. PsycINFO; 6 AND 7; 8 results.</p> <p>9. PsycINFO; EMOTIONS/ OR EMOTION FOCUSED THERAPY/; 32983 results.</p> <p>10. PsycINFO; emotion*.ti,ab; 217780 results.</p> <p>11. PsycINFO; 9 OR 10; 225404 results.</p> <p>12. PsycINFO; 7 OR 11; 231428 results.</p> <p>13. PsycINFO; 6 AND 12; 69 results.</p> <p>14. PsycINFO; CLINICAL TRIALS/; 8180 results.</p> <p>15. PsycINFO; random*.ti,ab; 136353 results.</p> <p>16. PsycINFO; groups.ti,ab; 379899 results.</p> <p>17. PsycINFO; (double adj3 blind).ti,ab; 18347 results.</p> <p>18. PsycINFO; (single adj3 blind).ti,ab; 1477 results.</p> <p>19. PsycINFO; EXPERIMENTAL DESIGN/; 9407 results.</p> <p>20. PsycINFO; controlled.ti,ab; 84470 results.</p> <p>21. PsycINFO; (clinical adj3 study).ti,ab; 8247 results.</p>	34	0

	<p>22. PsycINFO; trial.ti,ab; 71699 results.</p> <p>23. PsycINFO; "treatment outcome clinical trial".md; 28469 results.</p> <p>24. PsycINFO; 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23; 589494 results.</p> <p>25. PsycINFO; 13 AND 24; 31 results.</p> <p>26. PsycINFO; "individual psychotherapy".ti,ab; 2042 results.</p> <p>27. PsycINFO; INDIVIDUAL PSYCHOTHERAPY/; 2744 results.</p> <p>28. PsycINFO; 26 OR 27; 4077 results.</p> <p>29. PsycINFO; 5 OR 28; 27535 results.</p> <p>30. PsycINFO; 1 AND 12 AND 29; 82 results.</p> <p>31. PsycINFO; 24 AND 30; 34 results.</p>		
Embase	<p>31. EMBASE; exp PERSONALITY DISORDERS/; 46599 results.</p> <p>32. EMBASE; exp GROUP PSYCHOTHERAPY/; 16225 results.</p> <p>33. EMBASE; GROUP INTERVENTION/; 1 results.</p> <p>34. EMBASE; "group therap*".ti,ab; 4899 results.</p> <p>35. EMBASE; 32 OR 33 OR 34; 17542 results.</p> <p>36. EMBASE; 31 AND 35; 877 results.</p> <p>37. EMBASE; EMOTIONAL REGULATION/ OR EMOTIONAL CONTROL [+NT]/ OR SELF REGULATION/; 8234 results.</p> <p>38. EMBASE; 36 AND 37; 0 results.</p> <p>39. EMBASE; EMOTIONS/ OR EMOTION FOCUSED THERAPY/; 71487 results.</p> <p>40. EMBASE; emotion*.ti,ab; 151708 results.</p> <p>41. EMBASE; 39 OR 40; 174899 results.</p> <p>42. EMBASE; 37 OR 41; 182796 results.</p> <p>43. EMBASE; 36 AND 42; 100 results.</p> <p>44. EMBASE; "individual psychotherapy".ti,ab; 882 results.</p> <p>45. EMBASE; INDIVIDUAL PSYCHOTHERAPY/; 2 results.</p> <p>46. EMBASE; 44 OR 45; 882 results.</p> <p>47. EMBASE; 35 OR 46; 18226 results.</p> <p>48. EMBASE; 31 AND 42 AND 47; 108 results.</p>	47	0

	<p>49. EMBASE; "emotional regulation".ti,ab; 1120 results.</p> <p>50. EMBASE; exp EMOTION/; 367923 results.</p> <p>51. EMBASE; exp TEMPERAMENT/; 56257 results.</p> <p>52. EMBASE; 49 OR 50 OR 51; 406709 results.</p> <p>53. EMBASE; 42 OR 52; 484326 results.</p> <p>54. EMBASE; 31 AND 47 AND 53; 337 results.</p> <p>55. EMBASE; random*.ti,ab; 918801 results.</p> <p>56. EMBASE; factorial*.ti,ab; 23711 results.</p> <p>57. EMBASE; (crossover* OR cross-over*).ti,ab; 70744 results.</p> <p>58. EMBASE; placebo*.ti,ab; 204997 results.</p> <p>59. EMBASE; (doubl* ADJ blind*).ti,ab; 145273 results.</p> <p>60. EMBASE; (singl* ADJ blind*).ti,ab; 14960 results.</p> <p>61. EMBASE; assign*.ti,ab; 246399 results.</p> <p>62. EMBASE; allocat*.ti,ab; 87112 results.</p> <p>63. EMBASE; volunteer*.ti,ab; 180278 results.</p> <p>64. EMBASE; CROSSOVER PROCEDURE/; 40796 results.</p> <p>65. EMBASE; DOUBLE BLIND PROCEDURE/; 116476 results.</p> <p>66. EMBASE; RANDOMIZED CONTROLLED TRIAL/; 354795 results.</p> <p>67. EMBASE; SINGLE BLIND PROCEDURE/; 19151 results.</p> <p>68. EMBASE; 55 OR 56 OR 57 OR 58 OR 59 OR 60 OR 61 OR 62 OR 63 OR 64 OR 65 OR 66 OR 67; 1458410 results.</p> <p>69. EMBASE; 54 AND 68; 47 results.</p>		
Medline	<p>55. MEDLINE; exp PERSONALITY DISORDERS/; 33009 results.</p> <p>56. MEDLINE; exp GROUP PSYCHOTHERAPY/; 23552 results.</p> <p>57. MEDLINE; GROUP INTERVENTION/; 0 results.</p> <p>58. MEDLINE; "group therap*".ti,ab; 3864 results.</p> <p>59. MEDLINE; 56 OR 57 OR 58; 24882 results.</p> <p>60. MEDLINE; 55 AND 59; 838 results.</p> <p>61. MEDLINE; EMOTIONAL REGULATION/ OR EMOTIONAL CONTROL [+NT]/ OR SELF REGULATION/; 3612 results.</p>	52	0

<p>62. MEDLINE; 60 AND 61; 2 results.</p> <p>63. MEDLINE; EMOTIONS/ OR EMOTION FOCUSED THERAPY/; 46379 results.</p> <p>64. MEDLINE; emotion*.ti,ab; 125108 results.</p> <p>65. MEDLINE; 63 OR 64; 143753 results.</p> <p>66. MEDLINE; 61 OR 65; 146976 results.</p> <p>67. MEDLINE; 60 AND 66; 78 results.</p> <p>68. MEDLINE; "individual psychotherapy".ti,ab; 662 results.</p> <p>69. MEDLINE; INDIVIDUAL PSYCHOTHERAPY/; 0 results.</p> <p>70. MEDLINE; 68 OR 69; 662 results.</p> <p>71. MEDLINE; 59 OR 70; 25366 results.</p> <p>72. MEDLINE; 55 AND 66 AND 71; 82 results.</p> <p>73. MEDLINE; exp PERSONALITY DISORDERS/; 33009 results.</p> <p>74. MEDLINE; exp GROUP PSYCHOTHERAPY/; 23552 results.</p> <p>75. MEDLINE; GROUP INTERVENTION/; 0 results.</p> <p>76. MEDLINE; "group therap*".ti,ab; 3864 results.</p> <p>77. MEDLINE; 74 OR 75 OR 76; 24882 results.</p> <p>78. MEDLINE; 73 AND 77; 838 results.</p> <p>79. MEDLINE; EMOTIONAL REGULATION/ OR EMOTIONAL CONTROL [+NT]/ OR SELF REGULATION/; 3612 results.</p> <p>80. MEDLINE; 78 AND 79; 2 results.</p> <p>81. MEDLINE; EMOTIONS/ OR EMOTION FOCUSED THERAPY/; 46379 results.</p> <p>82. MEDLINE; emotion*.ti,ab; 125108 results.</p> <p>83. MEDLINE; 81 OR 82; 143753 results.</p> <p>84. MEDLINE; 79 OR 83; 146976 results.</p> <p>85. MEDLINE; 78 AND 84; 78 results.</p> <p>86. MEDLINE; "individual psychotherapy".ti,ab; 662 results.</p> <p>87. MEDLINE; INDIVIDUAL PSYCHOTHERAPY/; 0 results.</p> <p>88. MEDLINE; 86 OR 87; 662 results.</p> <p>89. MEDLINE; 77 OR 88; 25366 results.</p> <p>90. MEDLINE; 73 AND 84 AND 89; 82 results.</p> <p>91. MEDLINE; "emotional regulation".ti,ab; 838 results.</p> <p>92. MEDLINE; exp EMOTION/; 177955 results.</p>		
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	<p>93. MEDLINE; exp TEMPERAMENT/; 4669 results.</p> <p>94. MEDLINE; 91 OR 92 OR 93; 181864 results.</p> <p>95. MEDLINE; 84 OR 94; 266115 results.</p> <p>96. MEDLINE; 73 AND 89 AND 95; 147 results.</p> <p>97. MEDLINE; "randomized controlled trial".pt; 401556 results.</p> <p>98. MEDLINE; "controlled clinical trial".pt; 90822 results.</p> <p>99. MEDLINE; randomized.ab; 322270 results.</p> <p>100. MEDLINE; placebo.ab; 164894 results.</p> <p>101. MEDLINE; "drug therapy".fs; 1789870 results.</p> <p>102. MEDLINE; randomly.ab; 230597 results.</p> <p>103. MEDLINE; trial.ab; 336214 results.</p> <p>104. MEDLINE; groups.ab; 1448661 results.</p> <p>105. MEDLINE; 97 OR 98 OR 99 OR 100 OR 101 OR 102 OR 103 OR 104; 3548445 results.</p> <p>106. MEDLINE; 96 AND 105; 52 results.</p>		
<b>Summary</b>	<b>NA</b>	<b>NA</b>	



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