

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

“In adults with Post-Traumatic Stress Disorder, how effective is Carbamazepine compared with usual care or antipsychotic medication, in reducing nightmares or other symptoms of Post-Traumatic Stress Disorder?”

Clarification of question using PICO structure

<i>Patients:</i>	Adults with Post-Traumatic Stress Disorder
<i>Intervention:</i>	Carbamazepine
<i>Comparator:</i>	Usual care or antipsychotic medication
<i>Outcome:</i>	Reducing nightmares, or other symptoms of Post-Traumatic Stress Disorder

Clinical and research implications

No relevant high quality evidence was found.

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 upon the use of Carbamazepine to treat Post-Traumatic stress Disorder symptoms.

Date question received: 28/07/2014

Date searches conducted: 10/10/2007, updated 31/07/2014

Date answer completed: 05/08/2014

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
SRs and Guidelines			
NICE	Carbamazepine Post-traumatic stress disorder	3	0
DARE	(carbama* or amizepine* or carbag* or carbap* or carbaz* or carbymal* or carpaz* or cephalon* or degranol* or epitol* or finlepsin* or fokalepsin* or hermolepsin* or neurotol* or neurotop* or nordotol* or sirtal* or tardotol* or tegret* or teril* or timonil* or trimonil* or trialeptal* or trilpetal* or tegretol or carbagen) IN DARE WHERE LPD FROM 12/03/2007 TO 24/07/2014 128 Delete 2 MeSH DESCRIPTOR Carbamazepine EXPLODE ALL TREES 44 Delete 3 (posttrauma* OR post-trauma* OR (post ADJ2 trauma*) OR PTSD OR (combat ADJ2 disorder*)) IN DARE WHERE LPD FROM 12/03/2007 TO 24/07/2014 167 Delete 4 MeSH DESCRIPTOR Stress Disorders, Post-Traumatic EXPLODE ALL TREES 116 Delete 5 MeSH DESCRIPTOR Combat Disorders EXPLODE ALL TREES 7 Delete 6 MeSH DESCRIPTOR Panic Disorder EXPLODE ALL TREES 50 Delete 7 #1 OR #2 157 Delete 8 #3 OR #4 OR #5 OR #6 260 Delete 9 #7 AND #8 0	0	0
Primary studies			
CENTRAL	#1 Enter terms for search carbamazepinecarbamazepine 1730 #2 MeSH descriptor: [Carbamazepine] explode all trees 725 #3 Enter terms for search #1 or #2#1 or #2 1730 #4 Enter terms for search "Posttraumatic stress disorder""Posttraumatic stress disorder" 937 #5 Enter terms for search	0	0

	<p>"Post-traumatic stress disorder""Post-traumatic stress disorder" 580</p> <p>#6 Enter terms for search PTSDPTSD 1268</p> <p>#7 MeSH descriptor: [Stress Disorders, Post-Traumatic] explode all trees 940</p> <p>#8Enter terms for search{or #4-#7}2035</p> <p>#9Enter terms for search#3 and #822</p>		
PsycINFO	<ol style="list-style-type: none"> 1. PsycINFO; POSTTRAUMATIC STRESS DISORDER/; 21759 results. 2. PsycINFO; Post-traumatic-stress.ti,ab; 6918 results. 3. PsycINFO; posttraumatic-stress.ti,ab; 19033 results. 4. PsycINFO; 1 OR 2 OR 3; 28120 results. 5. PsycINFO; carbamazepine.ti,ab; 2938 results. 6. PsycINFO; CARBAMAZEPINE/; 1309 results. 7. PsycINFO; 5 OR 6; 2987 results. 8. PsycINFO; 4 AND 7; 34 results. 9. PsycINFO; CLINICAL TRIALS/; 7751 results. 10. PsycINFO; random*.ti,ab; 131689 results. 11. PsycINFO; groups*.ti,ab; 370384 results. 12. PsycINFO; (doubl* adj3 blind*).ti,ab; 18408 results. 13. PsycINFO; (singl* adj3 blind*).ti,ab; 1660 results. 14. PsycINFO; EXPERIMENTAL DESIGN/; 9210 results. 15. PsycINFO; controlled.ti,ab; 81762 results. 16. PsycINFO; (clinical adj3 study).ti,ab; 8032 results. 17. PsycINFO; trial.ti,ab; 69282 results. 18. PsycINFO; "treatment outcome clinical trial".md; 27392 results. 19. PsycINFO; 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18; 573832 results. 20. PsycINFO; 8 AND 19; 8 results. 	8	0
Embase	<ol style="list-style-type: none"> 21. EMBASE; POSTTRAUMATIC STRESS DISORDER/; 35298 results. 22. EMBASE; Post-traumatic-stress.ti,ab; 8620 results. 	74	0

	<p>23. EMBASE; posttraumatic-stress.ti,ab; 13519 results.</p> <p>24. EMBASE; 21 OR 22 OR 23; 37135 results.</p> <p>25. EMBASE; carbamazepine.ti,ab; 15143 results.</p> <p>26. EMBASE; CARBAMAZEPINE/; 50879 results.</p> <p>27. EMBASE; 25 OR 26; 52003 results.</p> <p>28. EMBASE; 24 AND 27; 414 results.</p> <p>29. EMBASE; random*.tw; 886660 results.</p> <p>30. EMBASE; factorial*.tw; 23031 results.</p> <p>31. EMBASE; placebo*.tw; 199540 results.</p> <p>32. EMBASE; (crossover* OR cross-over*).tw; 69054 results.</p> <p>33. EMBASE; (doubl* adj3 blind*).tw; 142084 results.</p> <p>34. EMBASE; (singl* adj3 blind*).tw; 16807 results.</p> <p>35. EMBASE; assign*.tw; 238906 results.</p> <p>36. EMBASE; allocat*.tw; 83802 results.</p> <p>37. EMBASE; volunteer*.tw; 175933 results.</p> <p>38. EMBASE; CROSSOVER PROCEDURE/; 39607 results.</p> <p>39. EMBASE; DOUBLE-BLIND PROCEDURE/; 114525 results.</p> <p>40. EMBASE; SINGLE-BLIND PROCEDURE/; 18590 results.</p> <p>41. EMBASE; RANDOMIZED CONTROLLED TRIAL/; 346373 results.</p> <p>42. EMBASE; 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41; 1413715 results.</p> <p>43. EMBASE; 28 AND 42; 74 results.</p>		
MEDLINE	<p>44. MEDLINE; POSTTRAUMATIC STRESS DISORDER/; 21303 results.</p> <p>45. MEDLINE; Post-traumatic-stress.ti,ab; 6622 results.</p> <p>46. MEDLINE; posttraumatic-stress.ti,ab; 11716 results.</p> <p>47. MEDLINE; 44 OR 45 OR 46; 26524 results.</p> <p>48. MEDLINE; carbamazepine.ti,ab; 11767 results.</p> <p>49. MEDLINE; CARBAMAZEPINE/; 9681 results.</p> <p>50. MEDLINE; 48 OR 49; 14489 results.</p> <p>51. MEDLINE; 47 AND 50; 36 results.</p>	30	0

	<p>52. MEDLINE; "randomized controlled trial".pt; 379748 results.</p> <p>53. MEDLINE; "controlled clinical trial".pt; 88919 results.</p> <p>54. MEDLINE; randomi?ed.ab; 359796 results.</p> <p>55. MEDLINE; placebo.ab; 156475 results.</p> <p>56. MEDLINE; "drug therapy".fs; 1719987 results.</p> <p>57. MEDLINE; randomly.ab; 217229 results.</p> <p>58. MEDLINE; trial.ab; 312202 results.</p> <p>59. MEDLINE; groups.ab; 1378641 results.</p> <p>60. MEDLINE; 52 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58 OR 59; 3397950 results.</p> <p>61. MEDLINE; 51 AND 60; 30 results.</p>		
Summary	NA	NA	

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