

# Best Evidence Summaries of Topics in Mental Healthcare

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

## Question

In older adults with Dementia, how effective is pregabalin versus any other treatment in managing anxiety related to dementia / cognitive decline?

## Clarification of question using PICO structure (PICTRO for diagnostic questions)

*Patients:* Older adults with dementia  
*Intervention:* Pregabalin  
*Comparator:* Any other intervention  
*Outcome:* Managing anxiety related to dementia / cognitive decline.

## **Clinical and research implications**

As no relevant randomised controlled trial or systematic review evidence was found for this clinical question, no clinical implications could be made. The lack of evidence suggests that high quality research is needed.

### **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?**

No directly relevant UK clinical guidelines were found.

**Date question received:** 11/05/2012

**Date searches conducted:** 12/05/2012

**Date answer completed:** 17/05/2012

## Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<b><i>SRs and Guidelines</i></b>			
NICE	dementia AND (pregabalin OR lyrica)	6	0
DARE	1 (pregabalin) 55 2 (lyrica) 3 3 #1 OR #2 55	55	0
<b><i>Primary studies</i></b>			
CENTRAL	#1 (pregabalin):ti,ab,kw 273 edit delete #2 (dementia):ti,ab,kw or (alzheimer*):ti,ab,kw 6754 edit delete #3 MeSH descriptor Dementia explode all trees 3208 edit delete #4 (#2 OR #3) 6919 edit delete #5 (#1 AND #4) 0 edit delete	0	
PsycINFO	1. PsycINFO; pregabalin.ti,ab; 329 results. 2. PsycINFO; PREGABALIN/; 193 results. 3. PsycINFO; dementia.ti,ab; 36593 results. 4. PsycINFO; exp DEMENTIA/; 44334 results. 5. PsycINFO; ALZHEIMER'S DISEASE/; 26720 results. 6. PsycINFO; alzheimer*.ti,ab; 33020 results. 7. PsycINFO; 1 OR 2; 337 results. 8. PsycINFO; 3 OR 4 OR 5 OR 6; 57072 results. 9. PsycINFO; 7 AND 8; 2 results. 10. PsycINFO; anxiety.ti,ab; 116398 results. 11. PsycINFO; exp ANXIETY DISORDERS/; 53690 results. 12. PsycINFO; exp ANXIETY/; 45048 results. 13. PsycINFO; AGITATION/; 970 results. 14. PsycINFO; (agitat* OR anxi*).ti,ab; 132396 results. 15. PsycINFO; restless*.ti,ab; 2914 results. 16. PsycINFO; (worry OR panic).ti,ab; 17432 results. 17. PsycINFO; PANIC/ OR PANIC ATTACK/ OR PANIC	1	

	DISORDER/; 7977 results. 18. PsycINFO; 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17; 173241 results. 19. PsycINFO; 9 AND 18; 1 results.		
MEDLINE	20 MEDLINE pregabalin.ti,ab 1119 22 MEDLINE dementia.ti,ab 55827 23 MEDLINE exp DEMENTIA/ 104486 24 MEDLINE ALZHEIMER'S DISEASE/ 58193 25 MEDLINE alzheimer*.ti,ab 76032 27 MEDLINE 22 OR 23 OR 24 OR 25 140931 28 MEDLINE 20 AND 27 1 29 MEDLINE anxiety.ti,ab 91780 30 MEDLINE exp ANXIETY DISORDERS/ 59418 31 MEDLINE exp ANXIETY/ 48167 32 MEDLINE AGITATION/ 3104 33 MEDLINE (agitat* OR anxi*).ti,ab 113712 34 MEDLINE restless*.ti,ab 5055 35 MEDLINE (worry OR panic).ti,ab 15128 36 MEDLINE PANIC/ OR PANIC ATTACK/ OR PANIC DISORDER/ 7704 37 MEDLINE 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 177495 38 MEDLINE 28 AND 37 0	0	
EMBASE	58. EMBASE; pregabalin.ti,ab; 1961 results. 59. EMBASE; PREGABALIN/; 5190 results. 60. EMBASE; dementia.ti,ab; 73248 results. 61. EMBASE; exp DEMENTIA/; 189509 results. 62. EMBASE; ALZHEIMER'S DISEASE/; 103475 results. 63. EMBASE; alzheimer*.ti,ab; 96326 results. 64. EMBASE; 58 OR 59; 5352 results. 65. EMBASE; 60 OR 61 OR 62 OR 63; 211907 results. 66. EMBASE; 64 AND 65; 127 results. 67. EMBASE; anxiety.ti,ab; 119637 results. 68. EMBASE; exp ANXIETY DISORDERS/; 122160 results.	5	

<p>69. EMBASE; exp ANXIETY/; 92991 results.</p> <p>70. EMBASE; AGITATION/; 13637 results.</p> <p>71. EMBASE; (agitat* OR anxi*).ti,ab; 148545 results.</p> <p>72. EMBASE; restless*.ti,ab; 7080 results.</p> <p>73. EMBASE; (worry OR panic).ti,ab; 19557 results.</p> <p>74. EMBASE; PANIC/ OR PANIC ATTACK/ OR PANIC DISORDER/; 15623 results.</p> <p>75. EMBASE; 67 OR 68 OR 69 OR 70 OR 71 OR 72 OR 73 OR 74; 269882 results.</p> <p>76. EMBASE; 66 AND 75; 51 results.</p> <p>77. EMBASE; random*.tw; 722076 results.</p> <p>78. EMBASE; factorial*.tw; 18697 results.</p> <p>79. EMBASE; placebo*.tw; 173569 results.</p> <p>80. EMBASE; (crossover* OR cross-over*).tw; 60681 results.</p> <p>81. EMBASE; (doubl* adj3 blind*).tw; 127267 results.</p> <p>82. EMBASE; (singl* adj3 blind*).tw; 13948 results.</p> <p>83. EMBASE; assign*.tw; 201557 results.</p> <p>84. EMBASE; allocat*.tw; 67476 results.</p> <p>85. EMBASE; volunteer*.tw; 155036 results.</p> <p>86. EMBASE; CROSSOVER PROCEDURE/; 33755 results.</p> <p>87. EMBASE; DOUBLE-BLIND PROCEDURE/; 108636 results.</p> <p>88. EMBASE; SINGLE-BLIND PROCEDURE/; 15834 results.</p> <p>89. EMBASE; RANDOMIZED CONTROLLED TRIAL/; 321249 results.</p> <p>90. EMBASE; 77 OR 78 OR 79 OR 80 OR 81 OR 82 OR 83 OR 84 OR 85 OR 86 OR 87 OR 88 OR 89; 1192918 results.</p>		
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	91. EMBASE; 76 AND 90; 5 results.		
PUBMED	("pregabalin"[Supplementary Concept] OR "pregabalin"[All Fields]) AND ("dementia"[MeSH Terms] OR "dementia"[All Fields] OR "alzheimer disease"[MeSH Terms] OR ("alzheimer"[All Fields] AND "disease"[All Fields]) OR "alzheimer disease"[All Fields]) AND ("anxiety"[MeSH Terms] OR "anxiety"[All Fields])	0	
<b>Summary</b>	<b>NA</b>	<b>NA</b>	

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