

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

For people diagnosed with Post-Traumatic Stress Disorder (PTSD), how effective is Modafinil compared with any other or no intervention in reducing symptoms?

Clarification of question using *PICO* structure

Patients: People with PTSD
Intervention: Modafinil
Comparator: Any other or no intervention
Outcome: Symptom reduction

Clinical and research implications

No relevant systematic reviews or randomised controlled trials could be found for 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 on...

Date question received: 13/08/2015

Date searches conducted: 14/08/2015

Date answer completed: 14/08/2015

Search details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>Guidelines</i>			
NICE	post-traumatic stress disorder	48	0
<i>Systematic Review/ Primary Studies</i>			
MEDLINE	1 exp Stress Disorders, Post-Traumatic/ or exp Stress Disorders, Traumatic/ or exp Combat Disorders/ (25701) 2 ((post-traumatic or post traumatic or posttraumatic) and disorder*).tw. (20236) 3 PTSD.tw. (14573) 4 exp Wakefulness-Promoting Agents/ (71) 5 (Modafinil or Alertec or Modavigil or Provigil).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (1401) 6 2 or 3 (22397) 7 4 or 5 (1419) 8 6 and 7 (3)	3	0
EMBASE	1 exp Stress Disorders, Post-Traumatic/ or exp Stress Disorders, Traumatic/ or exp Combat Disorders/ (39202) 2 ((post-traumatic or post traumatic or posttraumatic) and disorder*).tw. (24770) 3 PTSD.tw. (18687) 4 exp Wakefulness-Promoting Agents/ (34) 5 (Modafinil or Alertec or Modavigil or Provigil).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword] (4384) 6 2 or 3 (28427)	15	0

	7 4 or 5 (4402) 8 6 and 7 (15)		
PsycINFO/CINAHL	1 exp Stress Disorders, Post-Traumatic/ or exp Stress Disorders, Traumatic/ or exp Combat Disorders/ (0) 2 ((post-traumatic or post traumatic or posttraumatic) and disorder*).tw. (27934) 3 PTSD.tw. (23358) 4 exp Wakefulness-Promoting Agents/ (0) 5 (Modafinil or Alertec or Modavigil or Provigil).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures] (713) 6 2 or 3 (30790) 7 4 or 5 (713) 8 6 and 7 (1)	1	0
CENTRAL	#1 MeSH descriptor: [Stress Disorders, Post-Traumatic] explode all trees 997 #2 MeSH descriptor: [Stress Disorders, Traumatic] explode all trees 1054 #3 MeSH descriptor: [Combat Disorders] explode all trees 78 #4 ((post-traumatic or post traumatic or posttraumatic) and disorder*) 2637 #5 PTSD 1524 #6 MeSH descriptor: [Wakefulness-Promoting Agents] explode all trees 9 #7 Modafinil or Alertec or Modavigil or Provigil 493 #8 #1 or #2 or #3 or #4 or #5 3009 #9 #6 or #7 495 #10 #8 and #9 10 Randomised Controlled Trials only 2	2	0

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