

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

What is the most effective intervention for the management of risperidone-induced neutropenia?

Clarification of question using *PICO* structure

Patients: Adults with risperidone-induced neutropenia

Intervention: Any intervention

Comparator: Any/no other intervention

Outcome: Improving patient outcomes

Plain language summary

No relevant, high quality research evidence was identified.

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 the management of risperidone-induced neutropenia.

Date question received: 23/04/2016

Date searches conducted: 09/05/2016

Date answer completed: 10/05/2016

Search details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>Guidelines</i>			
NICE	Risperidone Neutropenia	0	
<i>Systematic Reviews</i>			
MEDLINE	Medline; RISPERIDONE/; 5362 results. 17. Medline; risperidone.ti,ab; 7335 results. 18. Medline; 16 OR 17; 8317 results. 19. Medline; neutropenia.ti,ab; 28130 results. 20. Medline; neutropaenia.ti,ab; 300 results. 21. Medline; 19 OR 20; 28423 results. 22. Medline; 18 AND 21; 26 results. 23. Medline; 22 [Limit to: (Document type Meta-analysis or Review)]; 1 results	1	
EMBASE	EMBASE; RISPERIDONE/; 30492 results. 9. EMBASE; risperidone.ti,ab; 11363 results. 10. EMBASE; 8 OR 9; 30997 results. 11. EMBASE; neutropenia.ti,ab; 46698 results. 12. EMBASE; neutropaenia.ti,ab; 476 results. 13. EMBASE; 11 OR 12; 47153 results. 14. EMBASE; 10 AND 13; 110 results. 15. EMBASE; 14 [Limit to: (EBM-Evidence Based Medicine Meta Analysis or Systematic Review)]; 2 results.	2	
PsycINFO/CINAHL	PsycInfo; RISPERIDONE/; 3486 results. 2. PsycInfo; risperidone.ti,ab; 6066 results. 3. PsycInfo; 1 OR 2; 6204 results. 4. PsycInfo; neutropenia.ti,ab; 328 results. 5. PsycInfo; neutropaenia.ti,ab; 6 results. 6. PsycInfo; 4 OR 5; 334 results.	0	

	7. PsycInfo; 3 AND 6; 24 results. 8. PsycInfo; 7 [Limit to: (Methodology Meta Analysis or Systematic Review)]; 0 results.		
<i>Primary Studies</i>			
MEDLINE	16. Medline; RISPERIDONE/; 5362 results. 17. Medline; risperidone.ti,ab; 7335 results. 18. Medline; 16 OR 17; 8317 results. 19. Medline; neutropenia.ti,ab; 28130 results. 20. Medline; neutropaenia.ti,ab; 300 results. 21. Medline; 19 OR 20; 28423 results. 22. Medline; 18 AND 21; 26 results. 23. Medline; 22 [Limit to: (Document type Randomized Controlled Trial)]; 1	1	
EMBASE	EMBASE; RISPERIDONE/; 30492 results. 9. EMBASE; risperidone.ti,ab; 11363 results. 10. EMBASE; 8 OR 9; 30997 results. 11. EMBASE; neutropenia.ti,ab; 46698 results. 12. EMBASE; neutropaenia.ti,ab; 476 results. 13. EMBASE; 11 OR 12; 47153 results. 14. EMBASE; 10 AND 13; 110 results. 15. EMBASE; 14 [Limit to: (Clinical Trials Randomized Controlled Trial)]; 3 results	3	
PsycINFO/CINAHL	PsycInfo; RISPERIDONE/; 3486 results. 2. PsycInfo; risperidone.ti,ab; 6066 results. 3. PsycInfo; 1 OR 2; 6204 results. 4. PsycInfo; neutropenia.ti,ab; 328 results. 5. PsycInfo; neutropaenia.ti,ab; 6 results. 6. PsycInfo; 4 OR 5; 334 results. 7. PsycInfo; 3 AND 6; 24 results. 8. PsycInfo; 7 [Limit to: (Methodology Treatment Outcome/Clinical Trial)]; 2 results	2	

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