

Best Evidence Summaries of Topics in Mental Healthcare

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

Question

In adults who have experienced psychotic episodes in the post-ictal phase of their temporal lobe epilepsy, how effective is anti-psychotic medication in comparison to treatment with no anti-psychotic medication in the prevention of recurrence of psychosis?

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

Patients: Patients who have experienced psychotic episodes in the post-ictal phase of their temporal lobe epilepsy.

Intervention: Anti-psychotic medication.

Comparator: No psychiatric medication.

Outcome: Prevention of recurrence of psychosis.

Clinical and research implications

No high quality research evidence was found with regards to this area. Consistent with this, one Cochrane Review was identified that broadly considered psychosis and epilepsy. The review found no high quality evidence supporting the use of anti-psychotic medication for any ictal state.

What does the evidence say?

Number of included studies/reviews (number of participants)

No relevant evidence was found.

Main Findings

N/A

Authors Conclusions

N/A

Reliability of conclusions/Strength of evidence

N/A

What do guidelines say?

Neither NICE or SIGN discuss the use of anti-psychotics in the treatment of post-ictal psychosis.

Date question received: 20/02/2013

Date searches conducted: 21/02/2013

Date answer completed: 25/02/2013

References

Farooq S, Sherin A. (2008) Interventions for psychotic symptoms concomitant with epilepsy.

Cochrane Database of Systematic Reviews, Issue 4. Art. No.: CD006118. DOI:

10.1002/14651858.CD006118.pub2.

<http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006118.pub2/pdf>

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>SRs and Guidelines</i>			
NICE	Post ictal Epilepsy	7	0
DARE	(post-ictal) IN DARE 2 (postictal) IN DARE 3 (epilep*) IN DARE 4 (seizure*) IN DARE 5 (convulsion*) IN DARE 6 (psychotic*) IN DARE 7 (psychosis) IN DARE 8 (psychoses) IN DARE 9 ((chronic* OR sever*) AND mental*) IN DARE 10 MeSH DESCRIPTOR Epilepsy, Frontal Lobe EXPLODE ALL TREES 11 MeSH DESCRIPTOR Epilepsies, Myoclonic EXPLODE ALL TREES 12 MeSH DESCRIPTOR Epilepsies, Partial EXPLODE ALL TREES 13 MeSH DESCRIPTOR Epilepsies, Partial EXPLODE ALL TREES 14 MeSH DESCRIPTOR Epilepsy EXPLODE ALL TREES 15 MeSH DESCRIPTOR Epilepsy, Absence EXPLODE ALL TREES 16 MeSH DESCRIPTOR Epilepsy, Complex Partial EXPLODE ALL TREES 17 MeSH DESCRIPTOR Epilepsy, Generalized EXPLODE ALL TREES 18 MeSH DESCRIPTOR Epilepsy, Partial, Motor EXPLODE ALL TREES 19 MeSH DESCRIPTOR Epilepsy, Partial, Sensory EXPLODE ALL TREES 20 MeSH DESCRIPTOR Epilepsy, Reflex EXPLODE ALL TREES 21 MeSH DESCRIPTOR Epilepsy, Rolandic EXPLODE ALL TREES 22 MeSH DESCRIPTOR Epilepsy, Rolandic EXPLODE ALL TREES 23 MeSH DESCRIPTOR Epilepsy, Tonic-Clonic EXPLODE ALL TREES 24 MeSH DESCRIPTOR Myoclonic Epilepsies, Progressive EXPLODE ALL TREES 25 MeSH DESCRIPTOR Psychotic Disorders EXPLODE ALL TREES 26 MeSH DESCRIPTOR Affective Disorders, Psychotic EXPLODE ALL TREES	48	0

	27 MeSH DESCRIPTOR Psychotic Disorders EXPLODE ALL TREES 28 #1 OR #2 OR #3 OR #4 OR #5 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 29 #6 OR #7 OR #8 OR #9 OR #25 OR #26 OR #27 30 #28 AND #29		
CDSR			
Primary studies			
CENTRAL	#1 postictal psychosis:ti,ab,kw 1 #2Enter terms for searcpostictal psychosis2 #3Enter terms for searcpost-ictal psychosis0 #4Enter terms for searcpost ictal psychosis3	0	
PsycINFO	1. PsycINFO; "post-ictal psychos*".ti,ab; 13 results. 2. PsycINFO; "postictal psychos*".ti,ab; 81 results. 3. PsycINFO; 1 OR 2; 91 results. 4. PsycINFO; (antipsychotic* OR neuroleptic*).ti,ab; 28294 results. 5. PsycINFO; exp NEUROLEPTIC DRUGS/; 23493 results. 8. PsycINFO; aripiprazole.ti,ab; 1392 results. 9. PsycINFO; clozapine.ti,ab; 5859 results. 10. PsycINFO; olanzapine.ti,ab; 4523 results. 11. PsycINFO; quetiapine.ti,ab; 2328 results. 12. PsycINFO; risperidone.ti,ab; 5060 results. 13. PsycINFO; 4 OR 5 OR 8 OR 9 OR 10 OR 11 OR 12; 35739 results. 14. PsycINFO; 3 AND 13; 14 results.	14	
EMBASE	15. EMBASE; "post-ictal psychos*".ti,ab; 28 results. 16. EMBASE; "postictal psychos*".ti,ab; 130 results. 17. EMBASE; POSTICTAL PSYCHOSIS/; 34 results. 18. EMBASE; 15 OR 16 OR 17; 157 results. 19. EMBASE; (antipsychotic* OR neuroleptic*).ti,ab; 53015 results. 20. EMBASE; aripiprazole.ti,ab; 3107 results. 21. EMBASE; clozapine.ti,ab; 10948 results. 22. EMBASE; olanzapine.ti,ab; 8241 results. 23. EMBASE; quetiapine.ti,ab; 4463 results. 24. EMBASE; risperidone.ti,ab; 8995 results. 25. EMBASE; exp ATYPICAL ANTIPSYCHOTIC AGENT/ OR exp NEUROLEPTIC AGENT/; 194931 results. 26. EMBASE; 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25; 204247 results.	46	

	27. EMBASE; 18 AND 26; 46 results.		
MEDLINE	28. MEDLINE; "post-ictal psychos*".ti,ab; 19 results. 29. MEDLINE; "postictal psychos*".ti,ab; 101 results. 30. MEDLINE; POSTICTAL PSYCHOSIS/; 0 results. 31. MEDLINE; 28 OR 29 OR 30; 118 results. 32. MEDLINE; (antipsychotic* OR neuroleptic*).ti,ab; 38824 results. 33. MEDLINE; aripiprazole.ti,ab; 1896 results. 34. MEDLINE; clozapine.ti,ab; 8331 results. 35. MEDLINE; olanzapine.ti,ab; 5524 results. 36. MEDLINE; quetiapine.ti,ab; 2674 results. 37. MEDLINE; risperidone.ti,ab; 6013 results. 38. MEDLINE; exp ANTIPSYCHOTIC AGENT; 116042 results. 39. MEDLINE; 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38; 129600 results. 40. MEDLINE; 31 AND 39; 15 results.	15	
Summary	NA	NA	

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