



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_48415
Title of the Manuscript:	The effects of antiepileptic drugs (AED) on serum copper level in children with epilepsy.
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>The theme is important. I have some advice.</p> <ol style="list-style-type: none"> 1. Why antiepileptic drugs increase the serum copper level? This should be described in Introduction and abstract. 2. Outdoor/indoor should be inpatient/outpatient. 3. Table 2 should be deleted to save the space. 4. Please state if serum copper level is the same (normal range) among ages. 5. Delete figure 1 for saving the space. 6. Delete Figure II. 7. Discussion; delete the first sentences because these are repetition of Introduction and Materials: "Childhood epilepsy is a worldwide problem. Trace elements (e.g. Copper, Zinc and Manganese) are minor building components in tissues including the nervous system. This study has been designed to determine the levels of copper (Cu) in serum from patients with epilepsy in children who were taking anti-epileptic drugs (carbamazepine and/or valproic acid) for at least three months. This was a cross-sectional study among the patients who were consulted and admitted at the department of Paediatric neurology, BSMMU." 8. Shorten the explanation regarding EEG and epilepsy type (discussion). 9. CBZ monotherapy more increased the serum copper level. Is this finding new? 10. The following should be added: In some patients, drugs may not become necessary and thus some patients may show the following course, i.e., without AED, with AED, and then, without AED once again. If copper level could be measured in these three time frames and then be compared, such study may more clearly determine the relationship between AED and copper level. (this meaning) 11. English should be extensively revised. 12. Please state if the "actual" health problem is known due to high serum copper level caused by AED. 	<ol style="list-style-type: none"> 1. Done 2. Done 3. Done 4. Done 5. I think this figure is needed for the article 6. I think this figure is needed for the article 7. Done 8. Done 9. The sentence 'CBZ monotherapy more increased the serum copper level.' Has been deleted 10. Please , will be grateful if you kindly give suggestion , where I should add. 11. English was tried to be revised 12. There was no scope to identify this specific issue individually in this study.
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	