

**Review Form 3**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_126648
Title of the Manuscript:	A Case Report of Linezolid Induced Sideroblastic Anemia
Type of the Article	Case report

### Review Form 3

#### **PART 1:** Review Comments

<b><u>Compulsory</u></b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	Although Linezolid is known to cause bone marrow suppression ,a few cases of linezolid-induced sideroblastic anemia have been reported ,which can be reversed. The importance of the study is that it emphasizes that linezolid-induced sideroblastic anemia is a preventable condition that clinicians should be aware of.	Linezolid is a commonly used drug in multi drug resistant tuberculosis. Understanding its side effect profile is of utmost importance considering the high case load of tuberculosis in India. While linezolid is recognized for its potential to cause bone marrow suppression, there have been a limited number of cases where it has led to sideroblastic anemia, which is preventable, and reversible on early detection.
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Suitable	Suitable
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	Comprehensive.	Comprehensive
<b>Are subsections and structure of the manuscript appropriate?</b>	Yes.Sections are clearly presented	Yes
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	Linezolid is known to cause Myelosuppression, Pure red cell aplasia (PRCA) ,thrombocytopenia. Similar to the study,a few studies have been reported of linezolid induced sideroblastic anemia ,mostly on older age patients on long term treatment which reverses on discontinuing Linezolid.  This manuscript appears to be scientifically robust and technically sound. Vigilant regular monitoring of hematological parameters is important on TB patients especially on multidrug resistant cases.	There are a few case reports of linezolid causing sideroblastic anemia, which was reversible on stopping the drug. The current case appears to correlate with the findings of the available literature and scientifically accurate. All patients should be monitored for sideroblastic anemia on follow ups.
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Consider adding recent similar studies discussing adverse effect of Linezolid on bone marrow including cases of sideroblastic anemia.	Yes, the references are sufficient and recent.
<b><u>Minor</u></b> REVISION comments  <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes	Yes
<b><u>Optional/General</u></b> comments	In summary, a Group A drug like Linezolid is crucial for treating multidrug resistant TB cases. It is prioritized in treatment plans, but doctors must balance its benefits with potential risks.  A brief review of existing studies on linezolid-induced sideroblastic anemia will be beneficial.	Frequent monitoring of CBC in patients on linezolid should be done and any patient with anemia should be evaluated further for sideroblastic anemia.

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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>	No ethical issues