



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_42626
Title of the Manuscript:	Cost of treatment of severe malaria anemia in children living in western Kenya
Type of the Article	Original Research 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	Abstract ▪ Conclusion is missing ▪ Reduce the “Background” and “Methods” sections ▪ Line 10: Change the keywords as these should be consistent with the manuscript title. So, I propose you the following: Children, Severe malaria anemia, treatment, cost, Kenya Materials and Methods ▪ Line 105: You have to specify how sample size has been defined. Did you use formula for computing it? Results ▪ Results from Figures 1, 2 and 3 can be summarized in Table where you will present frequency and percentage of different categories of these three variables ▪ Lines 181, 198, 207 and 214: Tables 1, 2, 3 and 4 have to be captioned properly. For instance, which statistical tests were used to compare proportions? SMA stands for what? Finally, these both tables should be improved in appearance a little as below: <table><tr><th rowspan="2">Items</th><th colspan="2">Gender</th><th rowspan="2">P-value</th><th colspan="3">Mean household cost (US\$) of treating SMA (Range)</th></tr><tr><th>Male (n, %)</th><th>Female (n, %)</th><th>Male (n, %)</th><th>Female (n, %)</th><th>P-value</th></tr><tr><td>Lab costs</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Drug costs</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ward costs</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Other costs</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> ▪ Specify the title of Figure 4	Items	Gender		P-value	Mean household cost (US\$) of treating SMA (Range)			Male (n, %)	Female (n, %)	Male (n, %)	Female (n, %)	P-value	Lab costs							Drug costs							Ward costs							Other costs							Total							▪ Conclusion has been added ▪ Background and Methods have been reduced ▪ The Key words have been changed ▪ Yes the sample size was calculated using a formula. This has been added. ▪ This has been summarized in one table ▪ The Tables have been redone. ▪ This has been done
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	▪ Lines 18-19: Five malaria parasites species can caused malaria in humans instead of four. You have forgot <i>P. knowlesi</i> ▪ Lines 21-25: Material and Methods ▪ Specify the period and duration of study ▪ Lines 112: change “Case”, “Report” and “Forms” to “case”, “report” and “forms” ▪ Line 121: specify that P-value less than 0.05 was considered statistically significant Discussion ▪ Lines 235-237: I think that the difference could be due to fact Sicuri et al. [13] focused on all aspect of severe malaria while you just addressed SMA. So, also outline this within the discussion. ▪ Lines 244-247: Please give costs in USD as presented in the RESULTS section ▪ Line 250: specify these health services are free of charge in under 5 years ▪ Line 260: add bibliographic reference Conclusion ▪ Line 272: These should be deleted as it was not an objective of the study. References ▪ References 13 and 14 are the same! ▪ Certain references are not consistent with guidelines of the journal General remarks: ▪ Beware to start certain of your sentences with a figures as in lines 137 or 202	▪ Duration of study has been added. ▪ This has been changed ▪ This has been added ▪ This has been added ▪ Costs have been presented in USD ▪ This has been specified ▪ This has been added ▪ This has been deleted This has been corrected The references section has been redone These have been corrected
<u>Optional/General</u> comments		