



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms IJTDH_36787
Title of the Manuscript:	Short Term Outcome of Malaria at Rwanda Level 2 Hospital Bria in Central African Republic: A Cross-sectional study
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
▪ Abstract ✓ Change "102" to "In total, 102 patients" ✓ Change "10.3 : 1" to "10: 1". Indeed, there is no 0.5 male for instance. Either 0 or 1 male. ✓ Change "were presente" to "were" ✓ Change "Plasmodium falciparum" to "<i>Plasmodium falciparum</i>". This group of words should be in italics. ✓ Change "95%" to "95%CI" ✓ Add "Short term outcome" in the Keywords ▪ Introduction ✓ This section has to be completed as the problematic does not appear clearly. Why this study has been conducted? In others words, Why did you interested in Short term outcome of malaria? What did this has so interesting? ✓ Change "knowlest" to "knowles" ✓ Change "Plasmodium falciparum" to "<i>Plasmodium falciparum</i>". This group of words should be in italics. ▪ Materials and methods ✓ Why parasite density has not been quantified? In other words, why did you use the "Plus system"? ✓ ▪ Results ✓ Ethical considerations (Number of ethical clearance? Is there any difference in care between patients having accepted to participate and those who declined it?) ✓ Statistical analysis (This section is well-presented enough but is incomplete. Indeed I see you used logistic regression as you computed Odds ratio.	



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So, **complete this section properly**)

- ✓ You said *"After completion of treatment, clinical examination was obtained"*

You have to specify this in the Material and Methods section!

- ✓ You said *"A morbidity of three days counted for coartem, four days for artesunate and coartem and seven days for quinine was noted"*

You have to specify this in the Material and Methods section!

✓ **Table 2:**

- This table is incomplete. Indeed, why did not you cross parasitemia and others symptoms as vomiting, chills or joint aches?
- Your table 1 must be properly captioned! For instance, Group 1a, Group 1b or df stand for what? I guess that Group1a and Group1n stand for symptoms at baseline and three months later respectively.
- Standardize the number of decimal of proportions
- The line "Blood smear" from this table is not properly presented. Indeed, You stated "Negative" and "Positive" and thereafter you outlined the difference was statistically significant ($P < 0.0001$). So, what test did you used to compare "Positive" and "Negative"?

- ✓ You said *".....35.71% had malaria before completing thirty days, 37.71% got it between 30-45 days."*

I do not understand this sentence. Please reformulate it!

- ✓ You said *".....The mean days of recurrence were 38.92 days."*

Please add the standard deviation (SD)

- ✓ You said *"There was significance proportions and mean regression of symptoms and signs"*

I do not understand this sentence. Please reformulate it!



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▪ **Discussion**

- ✓ I think it is not sufficient to just compare your findings to other studies. So, you have to give mechanistic explanations of physiological, biological or biochemical order. This will improve the quality of your discussion. Please, give mechanistic explanations to all your findings on which you discussed because your discussion is very poor. Thus, this discussion has to be rewrite!
- ✓ Your references are not properly presented. Indeed, at line 147 you said "Barbara E", "Muhammad I" for instance. So, you have to delete the initials of authors' first names.
- ✓ What the interest in discussing male-to-female sex ratio or gender distribution? Please delete this!!!!
- ✓ What the interest in discussing age distribution? Please delete this!!!!
- ✓ Specify main limitations of the study. These have number!

▪ **Conclusion:**

This section has to be rewrite as the problematic of the study was not properly stated in Introduction. Indeed, you have to present main findings of the study and thereafter propose solutions or recommendations.

▪ **References**

The "**REFERENCES**" section will have to revised and presented with respect to guidelines of the journal. Indeed, year of publication is misplaced within certain references. Besides, names of journals are in italics in certain references and not in others.

▪ **General recommendations**

- ✓ We must not start a sentence with a figure. Please sentences start with a capital letter and end with a full stop.
- ✓



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