Reviewer's report

Title: Epidemiological characteristics, clinical manifestations, and treatment outcome of 139 pediatric Ebola patients treated at a Sierra Leone Ebola Treatment Center

Version: 1 Date: 03 Nov 2018

Reviewer: Mahamoud Sama Cherif

Reviewer's report:

The manuscript entitled "Epidemiological characteristics, clinical manifestations, and treatment outcome of 139 pediatric Ebola patients treated at a Sierra Leone Ebola Treatment Center" is not providing any new insight into the literature.

1- The authors declare that the selling point is the number of children affected with EVD in their analysis. This is because of insufficient review of literature about the topic. There are some publications with more cases than the one in this paper.

2- The CFR lower than what is reported in West Africa during the 2014-2016 outbreak, seems to quite interesting because it may show how good was the pediatric case management at the 34 Military Hospital in Wilberforce, Sierra Leone between June 2014 to April 2015. The authors should provide a better understanding of the treatment protocol and their differences with other ETC's in Sierra Leone.

3- Line 294 - 296: The reference of following statement "One mixed cohort study involving adult and 295 pediatric EVD cases reported a high CFR among young children and elderly EVD patients in 296 the 2014-2016 West African EVD outbreak. (34)" is not accurate.

4- None of the figure is attached to the manuscript

5- An interesting point that need to be explained is how the Education levels in children could make a difference in term of treatment outcome.

7- No information about: time between onset and admission, exposure, viral load and follow up during the treatment.

8 - Line 182: The Sierra Leone Ethics and Scientific Review Committee (Opinion date 29 March 2917) is not accurate.

9 - The conclusion of the study is not supported by the analysis done in this paper.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

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Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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