Reviewer’s report

Title: Burden of Paraquat Poisoning in the Department of Antioquia, Colombia

Version: 1  Date: 24 Dec 2018

Reviewer: Omid Mehrpour

Reviewer's report:

Thanks for the revision of the manuscript. From my first review, a few small issues remain regarding comment N.1.it has been noted" sensitivity analysis was performed for each of these parameters taking a range of possible values and assuming a distribution. As it was evidenced, the final result of DALYs was not sensitive to the change in the values of said probabilities guaranteeing the robustness of the mode" first it needed to provide results of the sensitivity analysis performed on this data set. Second, as you included the results of studies that belong to other countries other than Colombia for computing years of life lived with disability, how do you can correlate and generalize these results as the burden of PQ poisoning in your country? I mean the management and patient care can change dynamically across the countries. Presented analyses lead to this conclusion that PQ poisoning is a serious problem, with a tremendous social impact in Colombia. So you cannot clearly provide your results for Colombia.

Please provide ethical code for approval in the University of Antioquia in the parenthesis

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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

Unable to assesss

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 am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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