Reviewer’s report

Title: Prevalence of Head lice infestation and pediculicidal effect of permethrine shampoo in primary school girls in a low-income area in southeast of Iran

Version: 0 Date: 08 May 2017

Reviewer: Nophawan Bunchu

Reviewer's report:

This topic of this article is interesting and important for epidemiology study of Pediculosis. However, I found some weak points of this study. If the author can clarify and add supportive information in the article, it will be a good article for epidemiology of this kind of infestation.

Method:
- should add criteria for effective treatment after subjects applied 1% permethrin shampoo and please describe how to control the subjects use shampoo correctly and properly.

- should give the reasons for selecting areas as intervention or control group.

Results:
- should show information of intervention and control groups separately in order to evaluate the difference of infestation.

- should change graph type for demonstrating result of effectiveness of insecticide treatment. I suggest that you should use a pair graph (control and intervention)

Discussion:
- should discuss more about the risk factor(s) for pediculosis in this study areas and suggest how to overcome this situation.

- should discuss more about effectiveness of insecticide treatment such as factors that affect to successful or failure treatment (insecticide resistance of lice, behavior of subjects, etc)
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.

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

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

Needs some language corrections before being published

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