Reviewer’s report

Title: Cost effectiveness analysis of a cluster randomized culturally-tailored, community-health worker home-visiting diabetes intervention versus standard care in American Samoa

Version: 0 Date: 14 Jan 2019

Reviewer: Bipin Adhikari

Reviewer’s report:

Thank you very much for providing an opportunity to review an interesting manuscript by Huang and co-authors. The manuscript reads well and based on my expertise, I have few comments and suggestions to authors below:

Since this study is focused on CHW versus standard care, I would ask authors to elaborate on CHW intervention more clearly in the methods section. Why is it culturally tailored? I don't seem to find the answers. It would be good to extract some information in this manuscript for readers to quickly get an idea of what that intervention looks like?

As this study delves into the cost effectiveness, I would urge authors to depict all the cost analyzed in tables for more clarity in the methods section rather than in paragraphs. That would also reduce the length of the manuscript and may provide quick glimpse to readers about how and what costs were included in the study?

In the methods section, line 9-14: could you update the latest WHO survey data. It looks a bit outdated. Alternatively, you could present a trend since 2004 till the date, that will give readers a broader knowledge.

Page 12-13: Please clarify were the QALY estimates were based on the results from a cross-sectional study from Thailand?

Page 13: Please clarify QALYs variation in states in Japan, how did you adjusted for Samoa study? Please break the sentence and try to make it clear?

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

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