Reviewer’s report

Title: Social determinants and risk behaviors associated with prevalent Hepatitis C and HIV/HCV co-infection among male injection drug users in Nepal

Version: 0 Date: 23 Mar 2017

Reviewer: M Mutagoma

Reviewer's report:

Title: In the method section, only males were selected. It should appear in the title

Background section:

Page 4.


Line 20-22: Provide reference please

Line 25. Once again precision of type of hepatitis

Page 5.

Line 7. Which sexual behavior? All sexual behavior are not risky for HIV of HCV

Line 9. Which kind of partnership? Sexual, needle, ...

Line 50. The duration of the survey? For instance from 12 January to 14 March 2015

Major comment: line 57. How can it be possible if the data collection method was RDS? This methods uses seeds and wages not clusters.

Page 6.

Line 27. Oral consent

Line 32. What was the purpose of the witness and his signature? What about confidentiality in this case?

Line 44. The first HIV test was not described. Precision how HIV testing was conducted.

Line 52. HCV is the main outcome. Details on HCV testing are needed
Line 15. Major comment. There is confusion about chi-square test and logistic regression. Which one was used determine social determinants?

Line 20. Formula. No need to write this logistic regression formula in the manuscript.

It would better to mention the main outcome variable and independent variables; describing the process you used to fit the model.

Line 45. I am wondering if ROC curve method is appropriate to determine social determinants.

Result section

Major comment:

In results section there is no logistic regression table. It was previously announced that it would be used to determine social determinants of HCV.

The author should meet what he specified in method section.

I think that the author should perform univariable and multivariable analysis to fit the model

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:

Acceptable

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