

Reviewer's report

Title: A cross-sectional study of the prevalence and risk factors for hypertension in rural Nepali women

Version: 1 **Date:** 21 August 2012

Reviewer: Prabhdeep Kaur

Reviewer's report:

Major Compulsory revisions

1. Methods: Criteria used for selection of sub sample need to be explained in detail
2. Methods: Statistical methods used for the analysis of sub sample need to be elaborated. If linear regression is used, then why authors have mentioned about the reference group?? It appears that logistic regression has been used.
3. Results; Table 1- Chi square of comparison of three groups does not give any clear message. Two Separate Chi square should be done; One comparing normals vs. Hypertension and another comparing Normal vs. Pre hypertension
4. Results: Table 2- Unadjusted OR should be presented. Whether authors did any stratified analysis to identify confounders or effect modifiers?? What is the need to adjust for everything??
5. Results: Table 3- It is not clear whether beta coefficients are for linear regression?? Foot note mentions the use of cut offs for adjusted analysis that implies the use of logistic regression. Two different methods cannot be presented and compared in one table.

Minor essential revisions

1. Age group can be mentioned in the abstract
2. Discussion is elaborating a lot on prevalence of various biochemical conditions however that was not the objective of the paper. discussion should be focused and in line with the title and objectives

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.