Reviewer’s report

Title: Associations between oral contraceptive use and the risk of hypertension in a cross-sectional study of Korean women

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Reviewer: Trevor Ferguson

Reviewer’s report:

The submitted manuscript is a useful addition to the literature on the association between oral contraceptive use and hypertension. The following suggested revisions should improve the manuscript:

Minor Essential Revision

1. The authors use the terms "risk" and "correlation" rather loosely in describing the associations found. Given that a cross-sectional study cannot be said to predict "risks" due to the lack of temporal relationships I suggest that the authors use the term "association" instead.

2. Given that this study uses a complex survey design with multi-stage sampling, the authors should provide more details on the sampling procedures so that the reader can get an impression as to the extent to which the survey is representative of the target population.

3. Please cite the appropriate reference for the BMI cut-off points for Asians mentioned on page 6

4. The authors should clarify whether persons on medication for hypertension but whose blood pressures were <140/90 were classified as hypertensives (page 7)

5. The word 'mean' appears to be missing from the first sentence on page 9 where the mean SBP and DBP are given.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests