Reviewer’s report

Title: Heavy menstrual bleeding among women aged 18-50 years living in Beijing, China: prevalence, risk factors, and impact on daily life

Version: 0 Date: 09 Apr 2018

Reviewer: Mary Ann Lumsden

Reviewer's report:

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This is a very interesting paper with some intriguing findings. It describes the perception of HMB in Chinese women of reproductive age. I have some minor comments.

The 80 ml definition for HMB hasn't been used clinically for well over 10 years for the reasons included. I would start the Introduction with the NICE definition and then just mention that the 80 ml definition is only used in studies involving physiological mechanisms.

More discussion of the method of selection needs including in the main paper. The methods may be appropriate but it is difficult to be sure from the information given. There is no indication of response rate to the invitation and I assume they went on asking women until 80/ group was achieved. However, with informed consent, not all will say yes and so the total asked would be useful.

The assessment of the presence of HMB is very crude and I wonder why the group didn't use something a bit more sophisticated e.g. PBAC for example.

The age distribution of women with HMB is surprising and younger than the European/ US cohorts. I wonder why that is as incidence of fibroids etc rises with age.

I was surprised to see no relationship with BMI.

The relationship with alcohol consumption and number of abortions is very interesting and I am not aware of it being looked at in other studies. I wonder why this should be the case. I think the authors might wish to speculate a little on this.
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.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

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 am able to assess the statistics

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

Needs some language corrections before being published

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