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: 16 May 2018

Reviewer: Ilza Maria Urbano Monteiro

Reviewer's report:

The study is important because HMB needs more knowledge.

Abstract: I recommend the review of the conclusions about alcohol consumption.

Introduction: OK

Methods: Alcohol consumption could be better defined, because the conclusions about the association between HMB and alcohol were strong. What is occasionally alcohol consumption? Define iron deficiency

Results: OK

Discussion: Page 268: The authors concluded that HMB arises with aging, but there are some papers that concluded the prevalence of HMB in adolescents is higher than adults, because the ovulatory disturbances more common in young women. Besides that, data of this study is referred to the women and menstrual perception of the adolescents and young women could be different of the women above 35 years old.

Obesity is commonly associated with HMB, but in this study there was no association between HMB and BMI 28. I think it is important to discuss this different result. Is the low number of women in this group (4.2%) the reason?

In this sample, the prevalence of iron deficiency is low (6.4%). I think that it is important to compare with the iron deficiency prevalence in Chinese women. In the conclusion, the discussion about women that is untreated according iron deficiency could be an important issue to do.

Table 1

Title: Prevalence and odds ratio

Conclusion: Alcohol consumption. The conclusion about alcohol consumption is too strong. The purpose of behavior changing considering one dose of alcohol per week could be exaggerated. Perhaps an alert to highlight the relationship.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

No

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

No

**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:

Acceptable

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