Reviewer’s report

Title: Do endometrial lesions require removal? A retrospective study

Version: 1 Date: 15 Jan 2019

Reviewer: Assaad Kesrouani

Reviewer's report:

This a nice study about the role of ultrasound in the detection of endometrial lesions. The study by itself is interesting; yet there is some concerns:

- In the methods, authors should get more in details about the diagnosis by ultrasound, from which the population studied was selected: Where they are followed adequately before that? regular ultrasounds or was it the first one to be done? any history of polyp removal or curettage for non-specific bleeding?

- Asymptomatic is a word that can hide many features; what were the reason for consultation? was is regular check up, or was it for other symptoms? This needs to be clarified.

- Statistical study is interesting, but there is a control group lacking to be able to attain solid conclusions.

- Conclusion of the authors would be better limited to the Chinese population. Obesity, Hypertension and soja rich food (among other factors) could have an influence on endometrial pathology.

- Is it ethical to withheld pathology proof for premenopausal patients based on the results of this study, in which no endometrial carcinoma was found. If a patient has an expectative management or is lost to follow-up for some reason, wouldn't that worsen her prognosis? This point is relevant and is not discussed by authors.

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.

Yes
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

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