Reviewer’s report

Title: A preliminary evaluation of influence of body mass index on in vitro fertilization outcome in non-obese endometriosis patients. An observational cross-sectional study

Version: 0 Date: 30 Mar 2017

Reviewer: Edgardo Somigliana

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In this retrospective cohort study, Garalejic et al investigated the potential impact of BMI on IVF success rate in non-obese women with endometriosis. The chance of pregnancy was not influenced by the BMI category (under-weight / normal weight / over-weight). The rational for the investigation is weak and, most importantly, the sample size (16+111+29) is absolutely insufficient to draw meaningful conclusions.

Minor comments

The Materials and methods section is too long. It can be halved without losing relevant information. In contrast, a sample size calculation is lacking and should be added.

The discussion is also exceedingly long. Surprisingly, the authors dedicate most of the discussion to discuss their results within the available literature but only few lines to the important limitations of their paper.

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.

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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