Reviewer’s report

Title: Androsterone Glucuronide to dehydroepiandrosterone sulphate ratio is discriminatory for obese Caucasian women with Polycystic Ovary Syndrome

Version: 0 Date: 13 Feb 2017

Reviewer: Punith Kempegowda

Reviewer's report:

1. Was there a correlation between ADG: DHEAS and clinical phenotype of PCOS in the study subjects?

2. Was urinary samples collected for the study subjects? If so, is there a correlation between ADG: DHEAS ratio and urinary Androsterone: etiocholanolone ratio (marker of 5alpha reductase)

3. Literature suggests that DHEA forms the second largest source of ADG accounting for upto 20%. What were the DHEA values in the study population?

4. The contribution of Thozhukat Sathyapalan in the study is not included in the relevant section. Can the authors kindly update this?

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.

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 recommend additional statistical review

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

Not suitable for publication unless extensively edited

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