Reviewer’s report

Title: Short-term effectiveness of low dose liraglutide in combination with metformin versus high dose liraglutide alone in treatment of obese PCOS: randomized trial

Version: 0 Date: 12 Nov 2016

Reviewer: Helena Gleeson

Reviewer's report:

This study compared a combination of metformin 1000 mg bd and liraglutide 1.2mg qds with liraglutide 3mg qds in 30 women with Type A phenotype of PCOS. Both treatment arms resulted in weight loss, greater with the higher dose of liraglutide which in addition also had a reduction in waist circumference. The combination however had more beneficial metabolic effects and had reduced testosterone and less side effects.

The study was well designed. The manuscript is well written throughout and limitations clearly described. The study contributes to the literature. I have identified no issues for the authors to address.

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 am able to assess the statistics

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

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