Reviewer’s report

Title: Parathyroidectomy improves cardiovascular risk factors in normocalcemic and hypercalcemic primary hyperparathyroidism

Version: 0 Date: 20 Nov 2018

Reviewer: Jessica Pepe

Reviewer's report:

The authors of "Cardiovascular risk factors are increased in normocalcemic primary Hyperparathyroidism" found that normocalcemic and hypercalcemic PHPT patients had a similar increase in cardiovascular risk compared to controls, even independently of serum calcium. The paper may be ameliorated with the following suggestions.

* Is there any difference between female and male PHPT patients?

* How many patients had fractures? Did those with fractures have more severe cardiovascular risk?

* Medications used in the sample should be added, in particular, as regards dyslipidemia and diabetes.

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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