Reviewer’s report

Title: Association of adiposity with thyroid nodules: a cross-sectional study of a healthy population in Beijing, China

Version: 0 Date: 03 Jul 2019

Reviewer: giovanni aulisa

Reviewer's report:

The presence in high percentage of thyroid nodules certainly makes the study very interesting. The percentage of fat mass has already been correlated to the increased risk of other diseases. Investigating the correlation of adiposity and thyroid nodules can improve the diagnostic research of this pathology.

The use of the VFA also confers to the thesis a higher degree of validity.

However it is necessary to make some reports.

The sentence "BMI is an easily accessible marker for defining general accumulation of adipose tissue" is not accurate.

The BMI cannot provide direct information on the percentage of adiposity except indirectly. I therefore recommend changing the definition given while maintaining the same message.

It could also be interesting to present in the discussion at least superficially the theoretical causes underlying the identified correlation.

It might be useful to enter some information about the type of nodules found.

It can also be useful to insert a graph to make the results more evident and immediate.

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.

Not relevant to this manuscript

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

Acceptable

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