Reviewer’s report

Title: Mean peak systolic velocity of superior thyroid artery for the differential diagnosis of thyrotoxicosis: a diagnostic meta-analysis

Version: 1 Date: 18 Apr 2019

Reviewer: Sheikha Abalkhail

Reviewer's report:

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Need to revise the statement in your conclusion. You stated that STA-PSA is a better diagnostic tool for distinguishing GD from DT. Better than what? I don't think we can draw this conclusion from the studies provided. I would suggest to use statement like "useful test" or "feasible" or other statement that suggest that is an alternative test, since the gold standard is still RAI uptake studies.

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?
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Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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