Reviewer’s report

Title: The prevalence of metabolic syndrome in patients receiving antipsychotics in Qatar: A cross sectional comparative study

Version: 1 Date: 12 Jan 2018

Reviewer: Kyle Burghardt

Reviewer's report:

1. Page 3, Line 34. You may be able to expand on an idea you started here (that connects to your study directly), that certain race/ethnicities may be more or less at risk for antipsychotic-induced metabolic disease

2. Page 3, Line 53. This is not an appropriate conclusion given it was an augmentation trial of sertindole. Metabolic parameters may not have been different but the group did not report MetS or account for the use of other, medical drugs which would meet criteria (e.g., anti-hypertensive therapy)

3. Page 4, Line 34. this does not match your criteria listing at the end of the sentence

4. Page 5, Line 14. citation? and how is your study different or adding to this study?

5. Page 6, Line 4-7. Consider removing this extraneous information

6. Page 6, Line 28. wouldn't this criteria bias you toward not finding MetS. How was this evaluated.

7. Page 6, Line 39. State which diagnoses specifically?

8. Page 9, Line 19. what degree of correction
9. Page 9, Line 53. Does this create a problem in group comparisons?

10. Page 11, Line 18. what was the distribution of other antipsychotics?

11. Page 12, Line 4. what is the p-value

12. a bivariate table would be useful to compare within groups

13. Page 12, Line 45. "and of last antipsychotic" what does this mean?

14. Page 16, Line 26. important limitation since females may be at higher risk for MetS

15. Page 17, Lin 28. you showed this?

16. Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
No

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:
Needs some language corrections before being published

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