Reviewer's report

Title: Prevalence and Management Practice of First Generation Antipsychotics Induced Side Effects among Schizophrenic Patients at Amanuel Mental Specialized Hospital, Central Ethiopia: Cross-sectional Study

Version: 0 Date: 26 Nov 2018

Reviewer: Sunil Vasu Kalmady

Reviewer's report:

Wubeshet et.al investigate the side-effect profiles among schizophrenia patients undergoing first generation antipsychotics.

Strength: The study is relevant and manuscript is well written with clear description of methodology and results. Sample size estimation and recruitment procedures are robustly carried out.

Drawback: The study design is observational, the results are largely descriptive in nature. This is not a randomized controlled study.

I have two major and two minor comments:

Major:

a) Correlational or association analysis of occurrence of FGA side effects with socio-demographic / clinical factors should be described in the methods section. All the variables that were tested can be listed here. Whether statistical correction for multiple comparison was applied (Eg: FWE or Bonferroni) If this is not done, please explain why.

b) This study is not a RCT, and hence validity of observations is questionable to a certain extent. This should be discussed as limitation of the study.
Minor

a) Lack of correlation between total daily dose of antipsychotics and occurrence of side effects is intriguing. Can authors discuss the implications of such finding on formulating prescription guidelines?

b) The cohort comes from localized geographic. Can authors comment on generalizability of findings to larger part of the world, specifically given the lack of concordance of certain observations with earlier 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?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

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
Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal