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:** 11 Oct 2018

**Reviewer:** Mehmet Akif Camkurt

**Reviewer's report:**

Dear Editor,

This is a interesting and good study investigating FGA side effects in a large sample size. The study gives us a very good understanding about antipsychotic prescription and side effect management of psychiatrists. I think this article should be published after further revision, especially further statistical analysis to increase the interest and quality of the study.

Abstract

In the methods section of the abstract no need to mention the statistical methodology, please remove it.

Methods:

In the methods section authors stated they did a cross sectional study from March to June, but in the abstract they included a statement as from April to May. Please clarify.

Sample size detection method is described in too much detail, as the study has a good sample size, I recommend authors to take this paragraph out or summarize it in 1-2 sentences. I also recommend authors to move it to statistical analysis section, if they want to.

Authors used very good scales to assess side effects such as GASS and NADRPS. I would recommend to perform further statistical analysis to increase the interest on this manuscript.

As the sample size is good, is this possible for authors to do sub group analysis for each FGA. I recommend authors to compare GASS and NADRPS scores for each antipsychotic, (ANOVA or
Kruskal-Wallis). They could also investigate some correlations between GASS, NADRPS scores and duration of illness, age, number of previous episodes, number of hospitalizations etc.

I would recommend authors to compare GASS and NADRPS scores of patients according to Table 1 and 2. I think with further statistical analysis they may find more significant findings to increase the quality of study.

Could authors group patients on the antipsychotic dose. For instance, could the stratify patients according to chlorpromazine equivalent dose, as they stated in the beginning of discussion.

Statistical analysis: This section is very short, I recommend authors to move sample size detection method to this section. I also recommend them to do further statistics with GASS scores and NADRPS scores.

**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.

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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