Reviewer's report

Title: The impact of oral health conditions, socioeconomic status and use of specific substances on quality of life of addicted persons

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Reviewer: chaiana CP Piovesan

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GENERAL COMMENTS:
The aim of this cross-sectional study was to evaluate the impact of oral health conditions, socioeconomic status and use of specific substances on quality of life of alcohol and drug addicted persons, receiving care at outpatient treatment facilities in Brazil. The topic is of interest and it brings new information. Moreover, in the methodology, the sampling should be written with more detail and the statistical analysis could be rethought. Insights should be provided for better understanding as follow:

INTRODUCTION:
Although the introduction is well written and contemplate important issues, the authors no reported in the introduction if there are studies that evaluate the association between socioeconomic factors and quality of life in a similar.

METHODS
- I thing that the state of São Paulo has many cities and many multidisciplinary outpatient public clinics. Why only three clinics were selected? How was the selection process of cities and clinics? How many patients had at each clinic? How many clinics there are in each city?
- In second paragraph of Methods the authors report “representative sample of adults”. Why is representative? Is not a convenience sample?
- What the population of three cities?

Clinical examination
- I suggested that the authors describe the kappa values in the first paragraph of results, and not in methods.

Statistical analysis
- Multilevel analysis is more appropriate for this study. The author would perform the multilevel regression analysis considering the clinic where each patient is treated as second level. Moreover, the mean income of the city where the clinic is located can be used as contextual variable for adjust too. The multilevel model permits the simultaneous examination of the effects of contextual and individual predictors on an outcome.
Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests