Reviewer's report

Title: Potentially modifiable factors associated with non-adherence to phosphate binder use in patients in Brazil on hemodialysis

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Reviewer: vanda jorgetti

Reviewer's report:

Silveira Martins MT et al. conducted a study in which they evaluated the adherence to phosphate binders among hemodialysis patients. In order to do that they studied patients in a Prospective Study of the Prognosis of Chronic Hemodialysis Patients (PROHEMO) and adherence to phosphate bindings was evaluated based on self-reports.

The study is interesting because non-adherence to phosphate binding is increased in CKD Patients and should be understood, since hyperphosphatemia increases morbidity and mortality in these patients.

The methodology used is correct, the number of patients is one of the largest in the literature and the statistical analysis of data is very interesting.

Results are well described and discussion and conclusions are appropriate. Results do not differ from those found in the literature, which does not justify specifying in the title of the article that it is a study carried out in Brazil. The title could be

POTENTIALLY MODIFIABLE FACTORS ASSOCIATED WITH NONADHERENCE TO PHOSPHATE BINDER USE IN PATIENTS ON HEMODIALYSIS.

The text is clear and well written.

The study can be published bearing in mind that the results are similar to others described in literature

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests'