Reviewer’s report

Title: The relationship between proton pump inhibitor use and serum magnesium concentration among hemodialysis patients: a cross-sectional study

Version: 3 Date: 23 June 2015

Reviewer: David Leehey

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Major Compulsory Revisions:

I still remain concerned that the authors have not updated their multivariate analyses. They were asked to additionally adjust for diuretic use, Kt/V, nPCR, and possibly serum albumin. They state that they do not know if patients were on diuretics and have no data on Kt/V, nPCR, or serum albumin. Since these were hemodialysis patients, it seems unlikely that they do not have access to these data. I think they should adjust for these data or specifically list this as a limitation of their study.

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:

None