**Reviewer's report**

**Title:** Association of Kidney Disease Quality of Life (KDQOL-36) with Mortality and Hospitalization in Older Adults receiving Hemodialysis

**Version:** 0  **Date:** 18 Sep 2017

**Reviewer:** Cécile Couchoud

**Reviewer's report:**

Thank you for giving me the opportunity to read the paper of Hall and coll. concerning the association between quality of life and mortality or hospitalization in elderly patients on maintenance dialysis.

It is a well written paper. I only have a few comments.

1. In the methods, it is written that analyses were stratified by albumin level. Those results do not appear later in the text.
2. Which counfounders introduced in the multivariate models were "responsible" of the decrease of the HRs?
3. We agree that the predictive value of a low physical component score should be validated in an external cohort. However, wouldn't it be possible to give some indication on calibration and discrimination based on the present data? And how those predictive values increased after introducing PCS in a model including usual characteristics (age, race, gender, Charlson index….)?
4. Having included PD catheter among the access type could lead to a misinterpretation of a "protective" effect of PD on hospitalization risk. The impact of the treatment modality on outcomes is a more complex analysis that can't be resumed in this solely item.

**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.
Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
No

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