Reviewer's report

Title: Hyponatremia and its impact on hospital outcomes among patients with pneumonia: a retrospective cohort study

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Reviewer: marin H kollef

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Zilberberg et al address the issue of hyponatremia as a predictor of poor outcomes in pneumonia. The paper is well written and concise. The following points should be addressed.

1. Since this is a pneumonia study from a registry how certain are the authors about the diagnosis of pneumonia. This is a critical potential limitation of their data.

2. I am worried that many of the pneumonia patients had chf. Hyponatremia is a known determinant of poor outcome in chf. Can the authors assure us that most of these patients did not have chf as their primary or secondary problem accounting for hyponatremia.

3. Similarly, how do we know that many of these patients did not have adrenal insufficiency related to pneumonia or sepsis that could have accounted for the hyponatremia.

4. The authors need to be clear about their relationship to industry. Was this a sponsored study. If so who controlled the analysis and writing portion of the project. This needs to be clear.

5. The discussion may be a little long.

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