Reviewer's report

Title: Hyponatremia during hospitalization and in-hospital mortality in patients hospitalized from heart failure

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Reviewer: Naoki Sato

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General comments
Saepudin S et al have demonstrated that hyponatremia during hospitalization was associated with in-hospital mortality. It is well known that both hyponatremia on admission and persistent hyponatremia during hospitalization are strong predictors for outcome. Therefore, the authors should clarify clinical significance of hyponatremia during hospitalization in another way. For example, worsening hyponatremia, which means that hyponatremia was occurred during hospitalization although normonatremia was observed on admission, should be clarified in terms of its causes and outcome. Related factors to worsening hyponatremia, especially, the total dose of diuretics, types of diuretics, sodium restriction, and so on should be examined. From these data, if the authors can clarify clinical impact of worsening hyponatremia in patients hospitalized for heart failure, the manuscript could be strengthened.

Level of interest: An article whose findings are important to those with closely related research interests

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

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

Declaration of competing interests:
I have received reimbursements (honoraria, consultation) from Novartis, Bayer, Daiichi-Sankyo, Otsuka, Aslellas, and Ono.

I have no any other COI.