Reviewer’s report

Title: The impact of anemia in heart failure patients’ clinical characteristics and overall prognosis. A retrospective cohort study

Version: 0 Date: 03 Aug 2017

Reviewer: Ricardo Perez de la Hoz

Reviewer’s report:

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This is an interesting paper when considered from a clinical application point of view. The concept of anemia conditioning on cardiac insufficiency evolution constitutes a remarkable clinical data.

However, since the article shows certain limitations due to its retrospective approach, I'd suggest to do some extra work to clear up some topics, thus fostering stronger conclusions. For instance, it would be important to specify the higher degree of anemia among rural population as well as the age of patients included vs the etiology of cardiac insufficiency.

Another interesting step would be considering if the worse cardiac insufficiency progression and insufficient treatment had any relation with actual renal disfunction or if constituted a free association with the presence of anemia.

Statistical methods are suitable to this observational and retrospective analysis and the debate is also correct.

Are the methods appropriate and well described?
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Yes

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