Reviewer’s report

Title: Mortality after Inpatient Treatment for Diarrhea in Children: a Cohort Study

Version: 1 Date: 06 Dec 2018

Reviewer: Matthew O. Wiens

Reviewer's report:

Overall the paper is much improved. I have only a few minor comments

I think that the section on study design, in the methods, should come before the section on Clinical procedures and definitions.

Your claim that prior admission was not associated with in hospital mortality should instead state that prior admission AT KCH was not associated with in hospital mortality. As you state, you did not monitor prior admissions elsewhere.

You attribute lower post-discharge mortality risk to introduction of rotavirus vaccince, when in fact your cohort goes from 2007 to 2015, and the vaccine was not introduced until 2014. I do agree, however that the landscape has changed as the three studies referenced here are from the 1980s and 1990s.

Thank you for this important work

Best wishes,
Matthew Wiens

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?
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I am able to assess the statistics

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