Reviewer's report

Title: Improving Accuracy in Assessing Pulmonary Edema on Bedside Chest Radiographs Using a Standardized Scoring Approach

Version: 6 Date: 12 February 2014

Reviewer: Tommaso Mauri

Reviewer's report:

Background
Why do you think your score is better or more comprehensive than others previously published. Describe main characteristics of the score here.

Methods
What does it mean that patients did not have direct lung injury?
If patients were selected without knowing diagnosis, how authors know that they had only indirect lung injury?
Sex is usually understandable from CXR, so I doubt that physicians were blinded to this.
Analysis: I suggest to calculate net reclassification index for software based score vs. standard assessment. This is a score that quantifies the increase in sensitivity and specificity when using the new test.

Results
Is the radiologic score correlated with any clinical characteristic?
Add net reclassification index.
It would be interesting to see if the score detects variation of EVLW over time.

Discussion

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