Reviewer’s report

Title: Patient characteristics, triage utilisation, level of care, and outcomes in an unselected adult patient population seen by the emergency medical services: a prospective observational study

Version: 0 Date: 10 Nov 2019

Reviewer: Shota Tanaka

Reviewer's report:

Thank you for the opportunity to review this submission. The authors submit a manuscript which describes a study of the triage system used in Sweden. Patient characteristics were well analyzed and well written throughout the text. This research is important and will help a emergency care plan, but the minor revision is needed before it's published.

Abstract, Method section: describe and include the outcome measurements.

Please describe more about the EMS system/ambulance system in Sweden. What does EMS nurse do?

Please add more information about the RETTS-A triage system.

As you mentioned that one of the exclusion criteria was set as <16. In abstract, it shows aged >15 years was conducted in the study. it sounds like conflicted.

As you mentioned "of the 6,712 included..." in material section, please include one more box to explain the rest of 60 patients in Figure 1.

Line 148-149: "the median age was higher for ..." the author stated higher, but I'm confused. Higher compared to what?
I am not familiar with the ICD code groups, so please describe them.

**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.

Unable to assess

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

**Declaration of competing interests**
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