Reviewer's report

Title: Challenges, consequences and lessons for way outs to emergencies at hospitals: A systematic review study

Version: 0 Date: 19 Apr 2019

Reviewer: Jarone Lee

Reviewer's report:

Thank you for the opportunity to review your manuscript on this timely and extremely important topic of ED crowding. A few suggestions to improve the paper:

Major

1) Please merge the Solutions sections in the Results from page 7 Line 31 to Page 15 Line 31. They appear to be similar paragraphs. If there are separate concepts in each of the 3 Solutions Sections, please merge.

2) Discussion Section repeats many of the topics and ideas in the results. Consider consolidating so that the idea is only described once in the paper, either results or discussion.

For a comprehensive review of ED crowding solutions, a major area to include is solutions in the outpatient environment that impacts ED volume and crowding. The authors included only a short paragraph on other solutions around primary care. A focus on specialists in the outpatient environment also reduces ED visits. Please see a Pediatrics paper from 2016 (PMID 27287727) that was associated with cost savings to the system (PMID 28457765). Similarly this intervention worked for other specialties (PMID: 29055023)

Minor

1) Introduction section: There are many in the introduction section that uses multiple adjectives, which makes it difficult to read. Similarly, there are many sentences with many ideas and thoughts that the authors should consider separating them out into individual sentences.

2) Page 6 Line 41 - There is an typo in the sentence starting with Male gender being.

3) Page 8 Line 24 - Typo with "successfully properly"

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.

Not relevant to this manuscript

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

Needs some language corrections before being published

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