Reviewer's report

Title: Triage vital signs predict in-hospital mortality among emergency department patients with acute poisoning

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Reviewer: Cheng-Chung Fang

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The authors want to analyze the relationship between triage vital signs and in-hospital mortality among emergency department (ED) patients with acute poisoning. They concluded that triage vital signs could predict in-hospital mortality among ED patients with acute poisoning.

Minor Essential Revisions

The analysis included 997 acute poisoning patients, with 70 fatal cases (6.7%). However, there were 32 fatalities due to paraquat poisoning. The authors found the paraquat itself had a higher predictive value than the vital signs. To diminish the impact of paraquat in this study, they excluded the paraquat poisoned patients in the further analysis. Therefore, the results and conclusion of this article should be revised to address this exclusion. Did the triage vital signs predict the outcome of paraquat poisoning patients? The authors should further analyze the population of paraquat poisoning patients (N=68) to answer this question.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.