Reviewer’s report

Title: Public Knowledge of People Visiting Emergency Department Regarding Stroke Symptoms and Risk Factors

Version: 0 Date: 24 Feb 2019

Reviewer: Patricia Zrelak

Reviewer's report:

Overall the paper is well written and easy to read. However, there are a few awkward sentences and a few punctuation issues that should be addressed prior to publication.

While the paper is fairly simple, the sample size is relatively large and the methods are appropriate. I think the paper is actionable for the target population.

I would like to see more detail about how the authors obtained 28.8% for the percentage of the sample that reported a symptom mentioned on Cincinnati stroke scale. More specifically which line items from corresponding table were included as the mentioned face asymmetry (7%), speech disturbances (1.5%) and arm paralysis (7.9%) is less than reported 28.8% and these responses are not independent.

Please add some further discussion about the limitations of the sample, how the sample may differ from the general population and how this may have impacted results.

Consider adding stand along titles to your tables.

Authors may also want to expand upon stress as a risk factor especially given that this was the top selected risk factor by the study participants. The relationship between stress and stroke is not as strong as may of the other behavioral and medical risk factors usually provided during community stroke education. Including stress on the symptom list greatly increased the number of affirmative answers.

Consider posting a copy of the survey as an online document.

Is there a reason why you didn't include the internet/World Wide Web as a source for information about stroke?

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?
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 am able to assess the statistics

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

Needs some language corrections before being published

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