Reviewer's report

Title: Predicting intracranial hemorrhage after traumatic brain injury in low and middle-income countries: A prognostic model based on a large, multi-center, international cohort.

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Reviewer: Marc Maegele

Reviewer's report:

The authors have assessed the Medical Research Council CRASH-1 trial to identify readily available risk factors for intracranial hemorrhage (ICH) after TBI and to build a clinically useful prognostic model for ICH in low and middle-income countries (LMIC) that can be used by physicians and healthcare workers without speciality training in neurosurgery or trauma. The study cohort included 5,669 TBI patients enrolled into CRASH-1 from LIMC who had received a CT scan of the brain.

Overall, this is a fine and well-conducted study with appropriate methods. The models and methods applied are appropriate and the manuscript is well written. All relevant literature is included. I have only a few comments:

Could the authors present a more detailed picture of the patients involved for model building, for example mechanism of trauma, blunt versus penetrating?

Please present a clearer picture of the model building including a rationale for initial selection of prognostic variables and the step-down process to the final model.

When were CT scans obtained in the patients? Can you provide time lines? Can the model be used also to assess possible progression of ICH?

Please provide origin of patients from LMIC by adding maybe numbers and percentages to Appendix A. Random distribution?

Do the authors have any ideas for external validation of the score based upon data from existing trauma databases or prospective validation?

In all, this is an interesting, sound and worthwhile contribution, well structured and presented.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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.