Reviewer’s report

Title: Prediction of Posthepatectomy Liver Failure Using Transient Elastography in Patients with Hepatitis B related Hepatocellular Carcinoma

Version: 0 Date: 11 Sep 2017

Reviewer: Alessandro Cucchetti

Reviewer's report:

A manuscript easy to read.

1) In this study the main variable of interest was liver stiffness and the outcome measure was PHLF. PHLF was not defined as recommended by the ISGLS criteria as previously reported in available literature. The main end-point needs probably to be modified.

2) In Table 1, most of variables show to likely have a non-parametric distribution. Thus, median and IQR are more appropriate.

3) The forward logistic regression should be modified in a backward in order to report in the multivariate analysis also the loss of statistical significance for variables analyzed in the univariate.

4) The derivation of an index for predicting PHLF has little sense in absence of an independent cohort for testing. A 10-fold cross validation should be a possible way out to test this hypothesis.

5) Reference lacks of some important studies in this regards but overall are adequate.

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:

Acceptable

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