Reviewer’s report

Title: Application value of nomogram and prognostic factors of gastric cancer patients who underwent D2 radical lymphadenectomy

Version: 0 Date: 27 Jul 2019

Reviewer: Abdullah Yeniova

Reviewer's report:

Manuscript titled "Application value of nomogram and prognostic factors of gastric cancer patients who underwent D2 radical lymphadenectomy" was reviewed according to the journal "BMC Gastroenterology" policy. It contributed to the literature regarding the prognostic scoring systems for gastric cancer survival. It can be publish with minor revision. The criticism regarding to manuscript policy can be found below.

1) Most important criticism is about the term "nomogram". Authors should explain the term "nomogram" definitively. Because most of the readers will be clinician and I think information about nomogram is insufficient. For example authors should explain how they score the index? Information should understandable for readers who did not know advanced statistics.
2) Background section of abstract is insufficient. Abstract is the most important part of the manuscript so authors should include a sentence highlighted the aim of the study and why they do this study?
3) Tumor markers should be written as CA 15-3 and CA 19-9.
4) I think the sentence "more and more studies" (page 4 and line 39-41) is exaggerative because there are only there studies in references regarding this issue.
5) Demographic data of patients should be given in "Result" section not in the Methods" section (page 5 line 27-32).
6) Predictive factors like tumor stage, tumor location, tumor size, pathological type, vascular invasion, nerve invasion, Borrmann classification, the number of lymph node metastases are well known predictive factors but there is little data about the factors like hemoglobin [Hb], platelet count, neutrophil count, lymphocyte count, neutrophil-lymphocyte ratio, serum albumin, body mass index, celiac artery variations. Authors should explain why they include these factors and give reference.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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 recommend additional statistical review

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

Acceptable

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