

Reviewer1

Reviewer Name: Anonymous
Review Time: 2017-03-21 09:43
Comments To Authors: Can be accepted after English editing.
Classification: Grade B (Very good)
Language Evaluation: Grade B: minor language polishing
Conclusion: Accept
Comments To
Authors (File):

[Response: Thanks for your comments, we have carefully revised the manuscript according to your comments and tried our best to correct and avoid any potential grammar problems.](#)

Reviewer2

Reviewer Name: Anonymous
Review Time: 2017-03-29 08:15
Comments To Authors: This is an interesting study about the procalcitonin as diagnosis marker to distinguish upper and lower gastrointestinal perforation. In this retrospective study, the authors included 46 patients from SICU ward of the Second Affiliated Hospital of Harbin Medical University who were confirmed to be with GIP between June 2013 and December 2016. There was a significant positive correlation between serum PCT level and APACHE II score, SOFA score, while there was a significant negative correlation between serum PCT level and Prognosis. Patients with serum PCT level above 17.94 ng/dl had a high likelihood of lower GIP, which sensitivity and specificity were 100% and 42.1%, respectively. Serum PCT level was a reliable and accurate diagnosis marker in identifying upper or lower GIPs before laparotomy. Overall, the study is well designed. Some minor revisions needed. 1 The language of the manuscript have to be revised. 2 Tables and figure are interesting. However, if the authors can add more figure, it will be more interesting. 3 The results were well discussed. The references should be updated.
Classification: Grade B (Very good)
Language Evaluation: Grade B: minor language polishing
Conclusion: Minor revision

Comments To
Authors (File):

Response:

1 The language of the manuscript have to be revised.

Response: We have carefully checked the manuscript to correct typo errors.

2 Tables and figure are interesting. However, if the authors can add more figure, it will be more interesting.

Response: Thanks for your advice. Because all the data in this current study come from previous medical records, but no figures are included in them so unfortunately we cannot provide this except for the ROC figure. On the other hand, we tried to add more details in the manuscript so the readers can understand it deeply.

3 The results were well discussed. The references should be updated.

Response: Thanks for your comments, we have revised the references according to your comments and added some new ones in the revised manuscript, we added reference 1, 15, 23 and 24.

In addition, 1 one of the author Yansong Liu, his Affiliation changed from "1Department of Critical Care Medicine, the Second Affiliated Hospital of Harbin Medical University, Harbin 150086, China" to "3Department of Critical Care Medicine, the Cancer Hospital of Harbin Medical University, Harbin 150081, China"; 2 One of the author, his name is Sicong Wang, whose name was written as Sichong Wang (incorrect spell) and we have also correct it.