

## ANSWERING REVIEWERS



April 3, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 17237-Review.doc).

**Title:** Predictors of the Patency of Self-expandable Metallic Stents in Malignant Gastroduodenal Obstruction

**Author:** Seung Han Kim, Hoon Jai Chun, In Kyung Yoo, Jae Min Lee, Seung Joo Nam, Hyuk Soon Choi, Eun Sun Kim, Bora Keum, Yeon Seok Seo, Yoon Tae Jeen, Hong Sik Lee, Soon Ho Um and Chang Duck Kim

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript NO:** 17237

The manuscript has been improved according to the suggestions of reviewers:

- 1.Format has been updated
- 2.Revision has been made according to the suggestions of the reviewer

Reviewer No. 00039578

This is an interesting study, about possible predictors of the patency of self-expandable metallic stents in malignant gastroduodenal obstruction. It is well designed, well written and has an interesting discussion. CEA levels can easily be measured everywhere and this is an useful addition to the treatment of these patients. It's weakness is the retrospective analysis and it would be useful to analyse a prospective series It need a revision by an english native.

Response : Thank you for your valuable feedback.

(2)Reviewer No. 00049331

Authors aimed to investigate predictive factors for patency of self-expandable metallic stents after stent placement in inoperable malignant gastroduodenal obstruction. Although this study is retrospective in design, results give us useful information. In this study, chemotherapy application after stent placement revealed significant protectivity against restenosis that is consistent with previous studies. Taken into account of the pre-stent placement stage of study the authors didn't evaluate as comparing those who had taken chemotherapy and who did not, either in results and discussion section. It would be better to see the statistical comments and conclusion. Best wishes.

Response: Thank you for your valuable comment. In response to this comment, we performed statistical analysis after adjusting for performing chemotherapy in Cox proportional hazards models (table 3). Using these results, we presented the following text in the Result section : "Palliative chemotherapy was statistically associated with an increase in stent patency ( $p = 0.009$ ; aHR 0.27, 95% CI

0.10-0.72)." and in the Discussion section: "this study showed an increase in stent patency in patients who underwent chemotherapy."

We also evaluated the cancer staging. This factor was not significant in univariate analysis (Table 1) and multivariate analysis.

3 References and typesetting were corrected.

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

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