

Format for ANSWERING REVIEWERS

February 12, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 15746-review.doc).

Title: Metabolic surgery and intestinal gene expression. Considerations about gastrointestinal tract and diabetes evolution.

Author: Marcos Ricardo da Silva Rodrigues, Marco Aurelio Santo, Elaine Cristina Vieira, Giovani Marino Favero, Roberto Ferreira Artoni, Viviane Nogaroto, Egberto Gaspar de Moura, Patricia Cristina Lisboa, Fabio Quirillo Milleo.

Name of Journal: *World Journal of Gastroenterology*

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

1. Manuscript English language was revised by English language editing company. (AJE)
2. Revision has been made according to the suggestions of the reviewer:
 - (1) As suggested, we agree with the proposition of changing the statistical method to repeated measures ANOVA instead of one way ANOVA. It was promptly changed on the text. No considerable changes on results were identified after analysis of data.
 - (2) - We added to the text some references showing similar results of sleeve gastrectomy without transit bipartition and discussed the outcomes presented. The same was done for endoBarrier. Both procedures promote less absorption on proximal intestine as well as sleeve gastrectomy with transit bipartition. Sleeve gastrectomy enhancing outlet flow velocity and endobarrier avoiding contact of food to proximal intestine. No data were found in literature regarding gene expression in intestinal mucosa after metabolic or bariatric surgery.
 - (3) In relation to outcomes be related to losing oweight or metabolic surgery, we discuss a very interesting manuscript of LaFerrère(2008), that analysis two groups of obese patients with the same amount of weight loss (approximately 10 Kg). The author shows significantly better outcomes in relation to incretin hormone secretion, postprandial glycemia and insulin secretion in the operated group, making us to defend that most of our results are really due to rearrangement of the gastrointestinal tract instead of weight loss. We have added to the main text this considerations.
 - (4) The surgical technique illustration was added to the manuscript (Figure 1) to better explain the gut presentation after surgery. [
 - (5) Drug doses were changed to µg and mg.
 - (6) The *TGF-beta* writing was corrected in the former p9, line 257 (pre revision)
 - (7) Unfortunately, technical problems with insulin and peptide C assays made us to exclude its results of the manuscript.



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