

June 29<sup>th</sup>, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 11315-Review.doc).

**Title:** Procalcitonin and intestinal ischemia: A review of literature

**Author:** Cyril Cosse, Charles Sabbagh, Saïd Kamel, Antoine Galmiche, Jean Marc Regimbeau

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

**ESPS Manuscript NO:** 11315

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

1 Format has been updated according to the suggestions of the editor: the abstract has been reorganized; the titles of the different sections have been modified.

2 The manuscript has been corrected by an English native speaker

3 Revision has been made according to the suggestions of the reviewer

- (1) **Reviewer 1:** This review article well described the usefulness of PCT for diagnosing intestinal ischemia. Therefore it is worthful to be published in World Journal of Gastroenterology.

**Answer:** We thank the reviewer for this comment.

- (2) **Reviewer 2:** The authors should highlight the strengths and weaknesses of their analysis and of the published data on PCT in the discussion section.

**Answer:** We thank the reviewer for this comment. As suggested an additional part has been added in the discussion to report the weaknesses and strengths of PCT.

"To contra-balance such weaknesses, new biomarkers such as copeptin or proadrenomedulin should be investigated in ischemic' conditions associated with PCT. Moreover on one side the discordance between the preclinical models and on the other the clinical etiologies of ischemia in clinical studies could be confusing factors for the analysis of the efficiency of diagnostic utility of PCT.

Nevertheless in a general way the results of preclinical data are convergent between each other (same trend for similar animal). Additionally clinical data are in agreement to propose PCT as a pertinent clinical diagnostic tool of ischemia whatever the etiology with similar thresholds (< 1 - 2 ng/mL)."

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

Sincerely yours,

Jean Marc Regimbeau, MD, PhD

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