

23 June 2016

Fang-Fang Ji

Editor

World Journal of Gastrointestinal Surgery

Dear Fang-Fang Ji

Thank you for your fully consideration about our manuscript entitled “Barium appendicitis: A single institution review in Japan” (Manuscript number: 26755).

We have read the reviewers’ comments and revised the manuscript accordingly to their suggestions. Please find attached our revised manuscript, our responses have written in **red and bold** font, for consideration for publication in World Journal of Gastrointestinal Surgery. We have also written a response to the reviewers below.

This manuscript is reviewed by one of the co-authors Alan Kawai Lefor whose native language is English.

Thank you for your consideration.

Sincerely,

Hideki Katagiri MD

Reviewer 1

Barium appendicitis is a rare clinical condition. Barolith can occur due to post-examination retained barium in appendix lumen and it can cause appendicitis. CT definings in this manuscript is well-thought evidence and helps diagnose. So this manuscript can publish.

Thank you for your full consideration. We agree with you that defining radiodensity on CT scan helps make the diagnosis of barium appendicitis.

Reviewer 2

- This paper is well written. –

Could authors add a reference for the Barium appendicitis –

Thank you for your suggestion. Reference 6 is the oldest paper which describes barium appendicitis, to the best of our knowledge. Because it is a rare entity, we are afraid that there is no good reference so far that can satisfy your suggestion.

Table 1 showed seven cases of gangrenous appendicitis. It could be interesting to compare pathological findings (especially, the rate of gangrenous appendicitis) in Barium appendicitis and pathological findings in routine appendicitis.

Thank you for your recommendation. We have added pathological results of patients with routine appendicitis, and compared Barium appendicitis and routine appendicitis. Interestingly, the rate of gangrenous appendicitis was higher in patients with routine appendicitis.

Figures must be inserted in the results chapter.

Thank you for the suggestion. We have revised the manuscript and Figures are inserted in the results chapter.