Reviewer's report

Title: Mucosal atrophy in collagenous colitis: A case report

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Reviewer: Junji Umeno

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Comments to the Author

Majores et al. presented a patient with collagenous colitis (CC) for more than 10 years who developed segmental mucosal atrophy in the ascending and transverse colon. This case report is very interesting, however, it is hard to recognize mucosal atrophy of the proximal colon as a complication of long standing CC due to lack of adequate evidence.

Major Compulsory Revisions
1. The time course of the development of mucosal atrophy is unclear. The authors should present the endoscopic images of the cecum and histological images of the biopsy specimen in 1998 and 2003.

2. The authors reported that the pattern of mucosal atrophy is inversely related to the pattern of subepithelial collagen deposition and speculated the influence of additional luminal factors on the development of mucosal atrophy. As the authors discussed, mucosal atrophy is deemed to develop by chance. The authors should show the evidence of relation between mucosal atrophy and CC; for example, association between the site of mucosal atrophy and histological grade of inflammation infiltrate.

Minor Essential Revisions
1. Figure 1B shows only subepithelial part of the specimen and also does not look like a vertically-cut specimen. The authors should present a low-magnified image showing total mucosal layer.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.