Reviewer’s report

Title: Gastric Helicobacter pylori Infection Associates with an Increased Risk of Colorectal Polyps

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Reviewer: Lucia Braga

Reviewer’s report:

This is an interesting paper. The authors described the association of H. pylori with colonic lesions in Afro American sample population.

The paper was well presented and the methods used were appropriate.

I have a few suggestions to improve the paper.

Discretionary Revisions

1-The title
The present study was conducted in well defined population, the title should be Gastric Helicobacter pylori Infection Associates with an Increased Risk of Colorectal Polyps in African American

2-The abstract
The conclusion of the abstract needs be reviewed The H. pylori serological results did not show statistically significant association with an increased risk of colorectal polyps in the sample population evaluated

3-Method
In the present Study Helicobacter was demonstrated by immunohistochemistry staining. It is necessary to add the reference of the anti-Helicobacter immunohistochemical stain used

4-Results
Table 2 shows that chronic active gastritis were associated with adenoma unadjusted OR (95% CI): 1.3 (1.0 -1.8); P=0.04] It would be important to evaluate whether this variable remain significantly associated with adenoma in multivariate analyze.

Based on the results showed in Table 1, 367 patients had chronic active gastritis, of those 305 were H. pylori positive and 62 were H. pylori negative. It will be interesting to analyze specifically the association of H. pylori-positive chronic active gastritis with colonic lesions.

4- References
The references are relevant to the article, however it should be updated since recently it has been published several papers including meta-analysis about the
colonic lesions and H.pylori

Minor comments:
Table 3 H.pylori should be in italic

Level of interest: An article whose findings are important to those with closely related research interests

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' below.