Reviewer’s report

Title: Ileal intubation is not associated with higher detection rate of right-sided conventional adenomas and serrated polyps compared to cecal intubation after adjustment for overall adenoma detection rate

Version: 0 Date: 25 Jul 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

No - there are minor issues

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

No - there are minor issues

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

No - there are minor issues

OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?
Probably - with minor revisions

PEER REVIEWER COMMENTS:

GENERAL COMMENTS:

This study sets out to investigate whether ileal intubation is associated with higher detection rate of right-sided conventional adenomas and serrated polyps compared with cecal intubation after adjustment for some influencing factors. The paper is well written and referenced, with a clear objective and analysis. As highlighted in the limitations, some potential important influencing factors are not accounted for in the analysis, and I think this weakens the strength of the firm conclusion currently provided.

REQUESTED REVISIONS:

The study is largely clear, however two questions/comments for the authors:

1) Some more detail on the retrospective identification of cases included is warranted in order to understand the validity of these. Was this a prospective case database? Clinical or administrative? etc

2) There is little discussion of the limitations at the end of the discussion, particularly the potential impact of these on the findings presented e.g. discuss how withdrawal time may influence the findings presented (I note photo documentation already discussed earlier). My understanding is that both can have a significant impact on detection rate. Therefore the omission of these from adjustment may have a material impact on the results presented. I believe this means that the current conclusion over-states the certainty of which it is currently stated "Ileal intubation does not provide any benefit...".

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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