



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pharmacology and Therapeutics

Manuscript NO: 65037

Title: Addition of castor oil as a booster in colon capsule regimens significantly improves completion rates and polyp detection.

Reviewer's code: 03725492

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Attending Doctor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: Ireland

Manuscript submission date: 2021-03-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-01 12:28

Reviewer performed review: 2021-03-03 20:50

Review time: 2 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

There are a lot of critical weak points in this manuscript, which make unscientific of this manuscript. I recommend consultation for biostatistician. There are some errors for abbreviations. P values usually put in the brackets. Data Median and mean data were presented wrongly. You should totally check the data analysis. Major Study design The study design of this study looks retrospective cohort study. You enrolled the case for prospective manner. However, the control group (without castor oil) was selected among patients who performed CCE. Data analysis Definition of CCE positivity should be presented Table 3 Table 3 should be totally revised. I recommend you to compare CCE completion vs CCE non-completion. Once you perform univariate analysis which were found be significant for CCE completion, you should perform multivariate analysis. Current form of Table 3 looks very confusing. The paragraph, 'Impact of gender, age and indication on CCE completion', which is related to Table 3 should be totally revised. Minor Table 2 I recommend you to put small bowel transit time.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pharmacology and Therapeutics

Manuscript NO: 65037

Title: Addition of castor oil as a booster in colon capsule regimens significantly improves completion rates and polyp detection.

Reviewer's code: 05755618

Position: Peer Reviewer

Academic degree: FACP, MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Ireland

Manuscript submission date: 2021-03-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-02 05:02

Reviewer performed review: 2021-03-04 11:46

Review time: 2 Days and 6 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



SPECIFIC COMMENTS TO AUTHORS

The authors described castor oil's effectiveness for the colon capsule endoscopy procedure's booster in this original article. Castor oil improved the completion rate and polyp detection. Although this study has been already reported in Japanese literature, no report has described it in the Western population. It added new knowledge in this field.

(Comments in the article) The authors well-described the completion rate and polyp detection in this article. However, the authors did not describe the safety and acceptability of castor oil-regimen, although they stated these in conclusion. The author should present this evidence which compared with the non-caster-oil regimen in the results and discussion. (Other comments) 1. Abstract a) In the Method, please explain

Moviprep as firstly appeared in the article. b) A nested case~ transit time What transit time? Is it a colon or small bowel? 2. Introduction (not the Background) ~in

the unselected patient cohort. Western patient cohort may be preferred. Historically~ could be present in the discussion 3. Methods ~who fulfilled adequate criteria for CCE indication. Please explain these inclusion and exclusion criteria. a) In this study,

IBD patients (may including Crohn's disease) are included. Are there any risks to patients with capsule retention? 4. Data analysis Colonic image quality

was based on the reader's overall impression~. Please explain who read the images and how to decide the cleansing levels more precisely

(i.e. average cleansing levels in each colonic segments). 5. Results Is there any case of oil disturbed to find lesions, especially in the rectum? Is there any case of worsened inflammation in IBD patient during the procedure?



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pharmacology and Therapeutics

Manuscript NO: 65037

Title: Addition of castor oil as a booster in colon capsule regimens significantly improves completion rates and polyp detection.

Reviewer's code: 02822561

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Ireland

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Reviewer chosen by: AI Technique

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

1. The NNT with castor oil to result in an additional complete CCE study was 7, absolute risk reduction = 14.52%, 95% CI 3.06- 25.97. NNT, please use its full name 2.Finally, a multicentre retrospective study in Japan selecting 319 patients receiving a one-day PEG-based CCE regimen in a mixed cohort of FIT-positive, screening and lower GI symptom patients, assessed excretion rates with and without castor oil. FIT, please use its full name 3.The reviewer concerns the conclusion would come out with bias, as the trial group is prospectively study and the control group is retrospectively study. Discuss section should explain this limitation. 4.The reviewer did not find the NCT number of the trial, please provide the information if possible. 5.The reviewer suspects the facticity of side effects, as described in the manuscript: such as abdominal pain, abdominal distension, nausea or vomiting, were not found in all patients who drank 2L of colitis fluid within one day? 6.Please list all the lesions found in the intestinal examination 7.Please explain why 15ml castor oil can nearly double the detection rate of intestinal polyps. 8.Please check the references and make a careful proofreading before submitting the revised manuscript.