

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 61993

**Title:** Cleansing efficacy and safety of bowel preparation protocol using sodium picosulfate/magnesium citrate considering subjective experiences: an observational study

**Reviewer's code:** 01749117

**Position:** Peer Reviewer

**Academic degree:** FCPS, MD, PhD

**Professional title:** Professor, Research Scientist

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-02-04

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-02-07 04:28

**Reviewer performed review:** 2021-03-02 11:12

**Review time:** 23 Days and 6 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

The reviewer read this observational study with great interesting. The quality of bowel preparation and the accuracy of colonoscopy diagnosis is closely linked to the safety of subsequent treatment. At present, the intestinal cleansers commonly used in clinical practice, such as polyethylene glycol electrolyte solution, magnesium sulfate, sodium phosphate, mannitol and others, still cannot fully meet the above requirements despite their characteristic advantages. Sodium picosulfate is an irritant laxative, whereas magnesium citrate, formed from magnesium oxide and citric acid when dissolved in water, is an osmotic laxative. This study investigated the effectiveness of SPMC for bowel preparation, and explored the resulting defecation frequency, bowel preparation experience, incidence and severity of adverse reactions, and any risk factors affecting the quality of bowel preparation. The reviewer found that the study is very well displayed. The design of the study is very good. The methods are describe in adequate detail. The research objectives achieved by the experiments used in this study. Minor comments: (1) A minor language editing is required. Some minor language polishing should be revised. (2) The data in tables are interesting, however, the tables are not presented. Please check and edit the tables carefully. (3) References list should be updated according to the guideline. (4) Figures should be movied to the end of the text.