

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62653

Title: Study on the characteristics of intestinal motility of constipation in patients with Parkinson's disease

Reviewer's code: 05492023

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2021-01-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-26 11:04

Reviewer performed review: 2021-02-01 04:24

Review time: 5 Days and 17 Hours

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|---------------------------------|---|
| Scientific quality | <input checked="" 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 type="checkbox"/> Grade E: Do not publish |
| Language quality | <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 |
| 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 type="checkbox"/> Yes <input checked="" 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

Dear authors, thank you for submitting your paper to the WJG. Your study is a well-written, good structured recommendation for the treatment of Parkinson's disease constipation. The recommendations are good for clinical use. Thank you for a useful and important synopsis of this important topic. Finally, you also explained the limitations of the article. Indeed, increasing the sample size of patients with PD and including healthy subjects will help us to better understand the pathophysiological mechanism of PDC. I recommend accepting this manuscript for publication after a minor editing.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62653

Title: Study on the characteristics of intestinal motility of constipation in patients with Parkinson's disease

Reviewer's code: 05495166

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2021-01-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-26 11:04

Reviewer performed review: 2021-02-02 10:17

Review time: 6 Days and 23 Hours

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|---------------------------------|---|
| 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 type="checkbox"/> Yes <input checked="" 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 have analyzed a total of 20 patients with PDC and 20 patients with FC. All patients underwent a colonic transit test (CTT) and high-resolution anorectal manometry (HRAM). The manuscript is written well, the Introduction give a good overview about the study background and the authors raised clearly the hypothesis of the study. As far as I know, there are no studies compared the segmental colon transmission time between PDC and FC patients so far. The authors' results suggest that the RSCTT of PDC patients was significantly longer than that of FC patients while the RCTT was significantly shorter than that of FC patients; this revealed the similarities and differences in the mechanism of slow colon transmission between patients with PDC and those with FC. I have several concerns: Comments 1: The title needs to be revised. The current title will make readers ambiguous, thinking that the article is about Parkinson's disease patients and constipation patients; Comments 2: The description of the method part is too simplistic. The study only stated that all patients underwent colonic transit test (CTT) and high-resolution anorectal manometry (HRAM). This is too concise for a scientific research; Comments 3: The DISCUSSION could also be shortened and focused more.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62653

Title: Study on the characteristics of intestinal motility of constipation in patients with Parkinson's disease

Reviewer's code: 05492016

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

Manuscript submission date: 2021-01-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-26 11:03

Reviewer performed review: 2021-02-02 10:18

Review time: 6 Days and 23 Hours

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|---------------------------------|---|
| Scientific quality | <input checked="" 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 type="checkbox"/> Grade E: Do not publish |
| Language quality | <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 |
| Conclusion | <input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input type="checkbox"/> Yes <input checked="" 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

The manuscript written by Mei et al. uses the colonic transit test and rectal anal manometry to subtype constipation and detect corresponding indicators in patients with Parkinson's disease with constipation and functional constipation, with the aim of clarifying the colonic and rectal motility characteristics of PDC and providing a basis for the treatment of PDC. This study is of value to guide the treatment of PDC. Very interesting study. And the manuscript is well written. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in figures and tables are very good, and well discussed. Thank you for giving opportunity to review your study.