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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 34539

Title: A study on the establishment of a modified single antral section B-ultrasound method and its application value on enteral nutrition for critically ill patients

Reviewer's code: 03478909

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2017-05-04

Date reviewed: 2017-05-15

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | Google Search: | <input checked="" type="checkbox"/> Accept |
| <input type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade D: Rejected | <input checked="" type="checkbox"/> Plagiarism | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E: Poor | | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Major revision |
| | | BPG Search: | |
| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | <input checked="" type="checkbox"/> No | |

COMMENTS TO AUTHORS

Interesting study. After a language revision, it can be published.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 34539

Title: A study on the establishment of a modified single antral section B-ultrasound method and its application value on enteral nutrition for critically ill patients

Reviewer's code: 03508384

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2017-05-04

Date reviewed: 2017-05-30

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|--|---|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | Google Search: | <input type="checkbox"/> Accept |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade D: Rejected | <input type="checkbox"/> Plagiarism | <input checked="" type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E: Poor | | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Major revision |
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| | | <input type="checkbox"/> The same title | |
| | | <input type="checkbox"/> Duplicate publication | |
| | | <input type="checkbox"/> Plagiarism | |
| | | <input checked="" type="checkbox"/> No | |

COMMENTS TO AUTHORS

This an interesting study about the establishment of a modified single antral section B-ultrasound method and its application value on enteral nutrition for critically ill patients. In this study, the authors established a modified single antral section B-ultrasound method to assess gastrointestinal motility in healthy people, and evaluate its application value on enteral nutrition for critically ill patients. The study on critically ill patients also revealed that enteral nutrition achieved a better effect when guided by the modified single antral section B-ultrasound method, in which patients had less ICU monitoring time, shorter hospitalization time, and higher levels of serum prealbumin and albumin. In addition, the Kaplan-Meier survival curve also revealed that patients who underwent the improved B-ultrasound method had significantly less enteral nutrition complications, compared to the other group of patients. The modified single antral section B-ultrasound method and the traditional method can both provide a good real-time assessment of gastric function. The method that has a better effect in providing



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guidance for enteral nutrition can better provide nutritional support for critically ill patients, and contribute to the rehabilitation of patients. Over all, the study is well designed and the results are interesting. After some minor revision, this manuscript can be accepted for publication. 1 The manuscript need to be edited by a native English speaker. Some language polishing have to be revised,. 2 The references should be updated, and some more references should be discussed. 3 Figures are good.