

Peer Review Report

Review Report on Clinical Study: The Impact of Targeted Fluid Therapy on Volume Management during Enhanced Recovery After Surgery in Gastrointestinal Procedures

Original Research, Acta Biochim. Pol.

Reviewer: Dharmendra Kumar Pipal

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EVALUATION

Q 1 Please summarize the main findings of the study.

1. Title can be phrased in a better form
2. In the abbreviated section Eras is written twice
- 3.. Any abbreviation must be explained when it comes first time. In conclusion
4. in line 52, varying degree of what?? please specify
5. in lines 54,55; increased blood pressure, insufficient oxygen supply, and accelerated heart rate, affecting the effect of surgery. it can be better phrased by hypertension, hypoxia and tachycardia so that it sounds medically accurate.
6. In line 70,71; what does it mean by medium and high-risk

Q 2 Please highlight the limitations and strengths.

lots of grammatical errors and the use of non-medical terms are there in the article. in methodology number of participants that is the sample size mentioned also how they got the sample size was also not mentioned.

Q 3 Please comment on the methods, results and data interpretation. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

1. In methodology; it was mentioned that: who were scheduled to undergo laparoscopic assisted colorectal tumour resection", which is contradicted as the title mentions abdominal surgeries. Were other abdominal surgical cases not included in the study?
2. Lines 86–90 don't sound medically good and must be rephrased like the word serious can be replaced by severe, abnormal blood coagulation function can be replaced by coagulopathy and so on.
3. Line 100; Inform the patient of the possible anesthesia methods before operation; Who is going to inform the patients??
4. In line 102; the drug was given or was taken by the patient; clear it
5. line 116, , I : E=1 : 2; please describe it
6. line 117; to open the central venous pathway; It can be removed
7. line 119; bilateral iliac crest was blocked; given, not blocked.
8. line 128; sodium lactate Ringer solution; Just write Ringer Lactate
9. . Before the laparotomy, 2 mL/ (kg/h) is input; instead of is input write as was infused.
10. injection will be given; Is the study still going on or will be started in future??
11. line 137 higher than 100 beats/min, dobutamine is reduced or stopped. is the study will be started??
- 12.in line 160 ; and hour. what hour??
13. line 161–63 not clear ; "The intraoperative fluid infusion volume (crystal/colloid), intraoperative bleeding volume, operation time and the use of vasoactive drugs during the operation were recorded postoperatively; Time for patients to get out of bed, exhaust/defecation, and hospital stay after surgery"
14. line 173. were collected; assigned or allocated, not collected
15. 174; The general data ; they are called demographic data
- 16.

Check List

Q 4 Please provide your detailed review report to the editor and authors (including any comments on the Q4 Check List)

A lot of grammatical errors are there.

The title must be rephrased and include that only colorectal cases were included not the other abdominal cases.

sample size estimation was missing

multiple flaws were noted

Q 5 Is the English language of sufficient quality?

No.

Q 6 Is the quality of the figures and tables satisfactory?

No.

Q 7 Does the reference list cover the relevant literature adequately and in an unbiased manner?

Yes.

Q 8 Are the statistical methods valid and correctly applied? (e.g. sample size, choice of test)

No.

Q 9 Are the methods sufficiently documented to allow replication studies?

No.

Q 10 Are the data underlying the study available in either the article, supplement, or deposited in a repository? (Sequence/expression data, protein/molecule characterizations, annotations, and taxonomy data are required to be deposited in public repositories prior to publication)

Yes.

Q 11 Does the study adhere to ethical standards including ethics committee approval and consent procedure?

Yes.

Q 12 Have standard biosecurity and institutional safety procedures been adhered to?

Not Applicable.

QUALITY ASSESSMENT

Q 13 Originality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 14 Rigor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 15 Significance to the field	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 16 Interest to general audience	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 17 Quality of the writing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 18 Overall quality of the study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>