

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60998

Title: Safety of pancreatic surgery with special reference to antithrombotic therapy: A systematic review of the literature

Reviewer's code: 03026716

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Norway

Author's Country/Territory: Japan

Manuscript submission date: 2021-01-29

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-02-01 12:55

Reviewer performed review: 2021-03-02 00:38

Review time: 28 Days and 11 Hours

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 Grade E: Do not publish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 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 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

The authors have written a systematic review on the topic of antithrombotic therapy in patients undergoing pancreatic surgery for malignant tumors. They have performed a systematic search in relevant databases and identified 19 papers concerning the matter. The authors divide the patients who already receive antithrombotic therapy and patients who only have been treated with this related to the surgery. The paper is well designed, the language is adequate for an academic journal. The limitation is that the number of publications is limited and that the methods used for antithrombotic therapy also differ. There is no attempt to perform a meta-analysis, probably because the papers differ too much in method and outcome to allow this. There has not been made any statistical analysis of the papers' homogeneity. In conclusion, they find that continuing a chronic anti-platelet therapy is safer than discontinuing it, and that LMWH increases postoperative hemorrhage.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60998

Title: Safety of pancreatic surgery with special reference to antithrombotic therapy: A systematic review of the literature

Reviewer's code: 03765686

Position: Peer Reviewer

Academic degree: MD

Professional title: Surgeon

Reviewer's Country/Territory: United States

Author's Country/Territory: Japan

Manuscript submission date: 2021-01-29

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-09 03:17

Reviewer performed review: 2021-03-24 09:10

Review time: 15 Days and 5 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 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 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

SPECIFIC COMMENTS TO AUTHORS

Dr. Fujikawa et al. have performed a systematic review of current literature on safety and efficacy of chemical thromboprophylaxis for venous thromboembolism (VTE) in pancreatectomies between 2013 and 2020. The authors searched from PubMed, Cochrane Database, and Google Scholar, and studies involving pancreatic surgery and ATT. The investigators conclude that “Pancreatic surgery in chronically ATT-received patients can be safely performed without an increase in the occurrence of PPH, although the safety and efficacy of chemical thromboprophylaxis for VTE during pancreatic surgery is still controversial. Further investigation using reliable studies with good design is required to establish definite protocols or guidelines”. Overall, this article discuss a very interesting topic, very well written article and offers significant information to the medical society. However, this article needs major revisions in order to be approved for final publication. 1) The authors mention in the abstract that they searched PubMed, Cochrane Database, and Google Scholar, and studies involving pancreatic surgery and ATT, but in the methods say that they searched PubMed and Google Scholar. Please, specify which was the exact search. 2) In methods the authors say that the quality of each study was assessed depending on the study design, and eligible articles were determined, but they do not mention if they used any specific criteria or scale. A very useful scale is the Jadad’s scale. 3) The review article would be more appropriate to be conducted in accordance with the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) guidelines, which is universally accepted guidelines. 4) The search algorithm that was used should be presented in the methods. 5) I think that the purpose of this review article is very complicated since the authors studied both active antithrombotic therapy and prophylactic therapy which makes confusion to the reader. Please simplify accordingly the purpose of the study. 6) I think that the recommended

perioperative management protocol cannot be supported by the existent search and need further evaluation with a meta-analysis. Also, does not explain why to follow this protocol. Please remove the figure 1. 7) I think that the authors should mention other possible confounding factors for postoperative bleeding after pancreatic surgery such as obesity.