

Date: 31 May 2022

Re: Manuscript ID: 77135: Outcomes of patients with post-hepatectomy hypophosphatemia: a narrative review

Dear Editor-in-Chief and Reviewers,

This is a revised submission of our manuscript titled: "Outcomes of patients with post-hepatectomy hypophosphatemia: a narrative review". We are thankful to you and the reviewers for the insightful critic and comments and the conditional acceptance of our manuscript.

Please see below for our point-to-point responses to the reviewers.

Reviewer 1

Comment 1: Very nice review on an important and useful topic

Reply 1: Thank you for the comment. We also agree that this topic is important in hepatectomy as this may influence outcomes, hence we hope this review topic may summarize existing evidence for our readers.

Reviewer 2

Comment 1: Through a comprehensive review of phosphate metabolism level and prognosis of patients after liver surgery, this paper presents an influence factor that has not been taken seriously to us from another perspective, which is novel to some extent.

Reply 1: Thank you for this comment. We hope this will shed light on the issue of post-hepatectomy hypophosphatemia.

Comment 2: I am also engaged in liver surgery, so I may pay more attention to transaminase, bilirubin and serum albumin levels after surgery, because the above factors are closely related to the prognosis of patients. In addition, it is also pointed out that the healing strength of patients with hypophosphatemia is not very strong. In addition, there is no conclusion on the diagnosis and treatment of hypophosphatemia, so whether it is related to the prognosis of patients after hepatectomy is unknown. Therefore, stronger evidence needs to be added.

Reply 2: We agree with this, the healing strength of patients with hypophosphatemia is not strong. However, current studies have confounding factors on outcomes and have varying definitions of hypophosphatemia and replacement regimes. This makes conclusion even harder. Hence, we hope that this review summarizes the varying regimes, definitions used, to help future researchers to start prospective studies with

standardized definitions to draw conclusions from post-hepatectomy hypophosphatemia on outcomes.

Comment 3: If the author is qualified, it is hoped that further studies can be conducted to demonstrate the relationship between hypophosphatemia and the prognosis of patients after hepatectomy.

Reply 3: Yes, our senior author is a senior consultant in hepatopancreatobiliary surgery. We hope that more centers will be able to perform prospective studies on this under-researched yet important topic. Thank you again for the review.

Science Editor

Comment: This was an invited review. The topic is within the scope of the journal, and is of interest. No academic misconduct was found. Two reviewers have given positive peer-review reports for the manuscript. There are 3 tables and 2 figures, all easy to understand. References: A total of 60 references are cited Language evaluation: good. Recommendation: Conditional Acceptance.

Reply: Thank you for the conditional acceptance.

Company Editor-in-Chief

Comment: I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Hepatology, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

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Reply: Thank you, we have formatted based on the requirements. All figures were self-illustrated and has been labelled with Copyright ©The Author(s) 2022.