Author’s response to reviews

Title: Comparison of overall survival and perioperative outcomes of laparoscopic pancreaticoduodenectomy and open pancreaticoduodenectomy for pancreatic ductal adenocarcinoma: a systematic review and meta-analysis

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Reviewer 2:

1. There are minor grammatical errors and typos throughout the manuscript, please double check eg respective instead of retrospective.

Respond: Thank you for your careful and detailed work. We have revised it in our manuscript.

2. State what know variables are known to influence outcome (oncological, mortality and morbidity) in PDAC.

Respond: Thank you for your careful work. Distant metastasis, TNM staging, and peripancreatic invasion were independent prognostic factors of pancreatic cancer. In our study, the two surgical approaches are the variables to impact the outcome (oncological, mortality and morbidity) in PDAC.

3. In methods expand in figure why studies were excluded.

Respond: Thank you for the valuable feedback. We have added the inclusion and exclusion criteria in the figure1 and revised it accordingly.
4. Provide more detail on the studies included eg use of neoadjuvant, histology (if available) capturing tumor size, number of nodes, differentiation, BMI, stented/not. If data not available please state, then in conclusion highlight as a limitation to the analysis.

Respond: We appreciate the valuable work. We have added the neoadjuvant therapy, BMI and tumor size in the Table one. And we also revised it in “conclusion”.

5. The discussion needs to expand on the limitations of this type of analysis and on how it maybe skewed as certain cases are selected for LPD over OPD.

Respond: Thank you for your positive comments. We have revised it in our manuscript.