Reviewer's report

Title: A prospective study on endoscopic ultrasound for the differential diagnosis of serous cystic neoplasms and mucinous cystic neoplasms

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Reviewer: Jiann-Hwa Chen

Reviewer's report:

1. The novelty is limited. The EUS features of pancreatic serous and mucinous cystadenoma is well known. It's a pity that the authors cannot differentiate MCN from macrocystic SCAs based on this study owing to limited sample size. As we know, the final diagnosis of pancreatic cystic neoplasm depends upon the histological result and the images studies are the reference information only. If there is any diagnostic modality having high sensitivity and high specificity to tell macrocystic SCNs from MCN, some surgical interventions may be avoided.

2. Despite of small sample size, some results share us the important key points about the differentiation between the SCNs and MCNs such as head/neck portion, lobulated, this wall and less than two septa.

3. I wonder how to cope with the interobserver discrepancy between the two endosonographers and how about the kappa value

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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