

Reviewer #1:

The authors reported an interesting case series of laparoscopic partial nephrectomy by High-power GreenLight laser enucleation for RCC. The introduction part was suitable in word count and preliminary information. The method section was precisely explain the procedure. There are a few issues that should be addressed by the authors before consideration for publication:

1. I think the number of cases is not sufficient to assess the efficacy and complication of this method during a research article. It is more suitable for a preliminary report or technical note. To assess the advantages and disadvantages of High-power GreenLight laser enucleation effect on RCC you need to design a prospective cohort study with a prior power analysis.

**Reply:** Thanks for your review and valuable suggestions. We have updated the number (case series with 15 patients) of clinical cases on High-power GreenLight laser enucleation in our clinical practice, whose date was also updated in the revised manuscript. These data finally did not change the technical note or report.

As you mentioned, the number of cases was not very sufficient to draw a conclusion on the efficacy of the operation. Therefore, we defined it a single-center preliminary experience, and hoped that it could inspire peer or colleagues to explore more. Indeed, the effect of a technique needs to be confirmed in the prospective cohort study, thus we recognized the small sample and stated that in the discussion part "the number of cases in this study is still small. Thus, the further clinical trials are required to discuss whether this technique promotion is available."; "Nevertheless, this should be validated in the further large-cohort studies."

2. what a about the exact follow-up time for tumor recurrence or metastasis? and how did you follow them? with imaging? or a particular serum marker of sth else?

**Reply:** Thanks for your review and valuable suggestions. The 6-month follow-up time for these patients was performed. Sorry for the unclear descriptions. During 6-month follow-up, all the clinical information was collected, involving imaging. We would diagnose these patients with or without recurrence by clinical manifestation and imaging results.

We have added the follow-up descriptions in the revised methods MS part.

3. Your manuscript was good grammatically. there were just a few points that I have edited using track change and attach the revised file. hope it helps too.

**Reply:** Thank you so much. These changes made our manuscript more polished. We also have finished the English editing for the revised manuscript by native speaker (with certificate).