Reviewer’s report

Title: Robot-assisted laparoendoscopic single-site surgery for the simultaneous management of multiple urinary tract calculi: a case report and experience sharing

Version: 0 Date: 04 Dec 2019

Reviewer: Luigi Schips

Reviewer's report:

Authors report one case of patient with multiple lithiasis (kidney, ureter and bladder) treated with single port robotic approach. This is an interesting case, however I'm not so confident on the clinical utility of this approach. Authors listed some advantages and recognize as major disadvantages the higher cost and the surgical difficulties due to the possible internal and external arms conflict. However, I would raise other concerns:

- Even if the major diameter of calculi was 4 cm authors should specify the dimension of each calculus.
- Do the authors performed a enhanced CT scan with contrast to study the function of the affected kidney. From the CT scan it seems like that the residual function of that kidney may not justify a complex operation as described by the author. If no residual function was present, a radical nephrectomy should be performed.
- Moreover, how was the kidney function after the operation?
- Other endoscopic procedures such as ecirs could apply in this case, allowing a fast and effective treatment of the upper tract urinary calculi.

Please confirm that you have included your review in the ‘Comments to Author’ box?

As a minimum standard, please include a few sentences that outline what you think are the authors' hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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No

Does the work include the necessary controls?
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NA

Are you able to assess the statistics?

- Are the statistical test(s) used in this study appropriate and well described?

- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?

- Are the description of any error bars and probability values appropriate?

- Are all error bars defined in the corresponding figure legends?

- Has a sample size calculation been included, or a description and rationale about how sample sizes were chosen?

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