Reviewer’s report

Title: Improvement in Early Urinary Continence Recovery After Robotic-assisted Radical Prostatectomy Based on Postoperative Pelvic Anatomic Features: A Retrospective Review

Version: 1 Date: 18 Feb 2019

Reviewer: Antonio Tienza

Reviewer's report:

* Resume:

The authors approach a secondary effect of a surgical treatment in Oncology. Despite is a topic quite well studied, the present study offer a fresh approach. The study design is retrospective as usual in this topic. The abstract, introduction and methods are well written.

* Problems:

* Major: Multivariate logistic regression analysis is a correct method in that kind of work, but some things should be addressed. A planning of the variables included should be added. If only include MRI variables, that is a great bias that should be added. The potency of the study to perform a regression is limited; this should be reported as a limitation, despite the number is quite big compared to literature.

* I recommend to review the wording of the discussion, some sentence are not grammatically correct or include typos.

* There are not too many articles with postoperative MRI, consider to mention, review and compare these articles with yours. The discussion should be enriched a little bit.

* Minor: is not clear which patients perform a postoperative MRI: every patient?, every incontinent patient?, do these 73 patients have any characteristic in common?(incontinent, elderly patients, no neuro-vascular conservative surgery).

* Would be interesting to compare (in a simple way) the 73 patients with the whole series: age, BMI, surgical and pathological characteristics. Maybe you can include it in the Table 1 too.

* In the results consider to include OR value not only CI. Which variables were included in univariate logistic regression?
* Some Images of the Figure 1 (B images) are low quality or bad black-white balanced, consider review.

* I miss a comparison between variables with preoperative and postoperative MRI.

The study offers new variables and a fresh view of the recovery of continence. The number of patient is quite big and the study deserves publication after substantial changes.

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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Are the methods appropriate and well described to allow independent reproduction of experiments?
Please state in the ‘Comments to Authors’ box below what you think are the strengths and weaknesses of the methods (study design, data collection, and data analysis), and what is required, if anything, to improve the quality of reporting

Yes

Does the work include the necessary controls?
If not, please explain in the ‘Comments to Author’ box below.

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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No

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