Reviewer’s report

Title: Transurethral resection of the prostate versus prostatic artery embolization in the treatment of benign prostatic hyperplasia: a meta-analysis

Version: 0 Date: 06 Dec 2018

Reviewer: Pietro Castellan

Reviewer's report:

Authors investigated the efficiency and safety of prostate artery embolization and TURP in treating BPH elaborating a meta-analysis.

They compared and analyzed 4 studies. The limitations of no RCTs or few studies available should be considered.

Anyway I found their work of great interest, because investigates one of the emerging fields of the minimally invasive treatment of BPH.

I have no further considerations to make.

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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Yes

Are the methods appropriate and well described to allow independent reproduction of experiments?
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Yes
Does the work include the necessary controls?
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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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