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: 11 Dec 2018

Reviewer: Magdy Hassouna

Reviewer's report:

This is an excellent meta analysis review comparing the Prostatic Artery embolization and the TURP for long term outcome for scores of symptoms and quality of life.

The review included > 500 patients reported in 4 studies in the English literature.

The outcome of the present study favors the TURP over PAE for IPSS and QOL questionnaire up to one year of follow up

Others studies of similar objective should be encouraged.

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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NA
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NA

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- Are the statistical test(s) used in this study appropriate and well described?
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- 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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Yes: A pivotal meta analysis

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