Reviewer’s report

Title: Artificial urinary sphincter implantation: an important component of complex surgery for urinary tract reconstruction in patients with refractory urinary incontinence

Version: 1 Date: 18 Apr 2017

Reviewer: Ouida Westney

Reviewer’s report:

1) The assets of this report are the non-prostatectomy patients. As stated, the majority of AUS literature is related to the treatment of postprostatectomy incontinence. Thus, it would be cleaner to eliminate those patients from this report. However, it is understandable that these patient are included to enhance the total 'N'. It would be beneficial to report the success of the patients by etiology of incontinence - urethral injuries, neurogenic and prostatectomy.

2) What is the reason for the usage of Cefazolin and Vancomycin? We usually utilize on agent or the other in combination with Gentamicin.

3) What was hospital length of stay for these patients? Since the IV antibiotic prophylaxis is reported as 3 days, were the patients in the hospital for this length of time?

4) There are minor grammatical and word usage errors throughout the manuscript which need to be corrected to improve readability.

Are the methods appropriate and well described? If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls? If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown? If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review? If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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I am a consultant/advisor for AMS Men's Health/Boston Scientific, the manufacturer of the AMS 800 Artificial Urinary Sphincter

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