Reviewer’s report

Title: Presence of transient hydronephrosis immediately after surgery has a limited influence on renal function 1 year after ileal neobladder construction

Version: 0 Date: 02 Mar 2016

Reviewer: Benjamin I. Chung

Reviewer's report:

Presence of transient hydronephrosis immediately after surgery has a limited influence on renal function 1 year after ileal neobladder construction is a retrospective, single institution review of radiologic hydronephrosis preoperatively, at post op month 1, and post op year 1 in a cohort of patients who have undergone cystectomy and neobladder reconstruction. I have a few comments:

1) There are minor grammatical and syntax issues that would benefit from careful editing from an native English editor.

2) How do the authors explain the transient hydronephrosis that exists at post operative month #1. Do they think this is due to residual edema at the ureteroileal anastomosis or perhaps less compliance of the neobladder or of patient unfamiliarity with rigid emptying of the neobladder?

3) The authors have not directly compared preoperative eGFR to post operative eGFR at year 1. They do look significantly different, but would not know without statistical analysis. I think this is an important point to ascertain, especially if GFR losses persist despite recovery of radiologic hydronephrosis.

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.
Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
No
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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