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: 1 Date: 18 Nov 2016

Reviewer: Syed Nazim

Reviewer's report:

1. In the abstract "The hydronephrosis grade of each renal unit scored 04" ??? Does this mean " The hydronephrosis grade of each renal unit was scored from 0-4"

2. In response to reviewer 1 comment # 7, the authors mentioned that as a routine protocol, they used neo-adjuvant chemotherapy since 2004 and the patients included in the present study underwent cystectomy after 2006……. Does this mean that 64 patients whose data were included in the study were recruited after 2006? If this is true, please eliminate from methodology "Between March 1996 and June 2013". Similarly the total numbers mentioned 348 will also make no sense.

3. Please refer to "REDUCED"or decrease compliance in the response and in the text page 13, line 17 rather than compliance of neobladder.

4. In the methods section….. Evaluation of hydronephrosis grade and classification, the authors have not given any reference to the STRATIFICATION system and since they have mentioned in their response that the art work is also original, I assume that the classification system is also a newly proposed one. Was this system used in any prior studies? What will be the status for a "unilateral grade 3 or 4 hydronephrosis" in low, intermediate or high strata?

5. In patients follow up, it seems that patients underwent a pre-op CT scan and subsequently a CT scan at 1 month, 6 months and 12 months. Is this correct? Since 95 % of patients also had neo-adjuvant chemo, did they have another CT scan before the cystectomy to document down staging of disease?

6. In the declarations, you mentioned "The participants in this study provide their verbal informed consent, and it was recorded in medical chart. Pursuant to the provisions of the ethics committee and the ethic guideline in Japan, written consent was not required in exchange for public disclosure of study information in the case of retrospective study" while in the availability of data and materials it was mentioned "Because informed consents for publication of the dataset from participants are not obtained, data and materials in the present study will not be shared to protect participants' privacy and identity".
Would the journal get access to the raw data and output analysis sheets if required?

7. Please mention in the Table 2. . . . . . Post operative eGFR <60mL/min/1.73 m2 at what time? One year.

8. In the multivariate analysis, factors like age and gender are also showing significant p values which were not significant in univariate analysis?

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 recommend additional statistical review

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

Needs some language corrections before being published

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