Reviewer’s report

Title: Oncological, surgical and functional results of the treatment of patients after hemipelvectomy due to metastases

Version: 0 Date: 12 Nov 2017

Reviewer: Andreas Mavrogenis

Reviewer's report:
Thank you for inviting me to review this case series of patients with metastases of the pelvis. The topic is interesting, however, not appropriately presented by the authors. These are my comments:

Abstract: should be revised as per scientific writing. The readers should understand for the paper by just reading the abstract. Example: outcome should include survival, local recurrence, metastases, complications (clearly)

Introduction: the authors should clarify what is missing from the literature regarding these patients. The literature should be updated. By a simple search, the authors did not include a citation from a major tumor center with important results on the topic (Ruggieri P, Mavrogenis AF, Angelini A, Mercuri M. Metastases of the pelvis: does resection improve survival? Orthopedics. 2011 Jul 7;34(7):e236-44.; this is an important paper which findings should be discussed and compared to the present paper)

Materials: the authors should clarify the margins of resections and compare to those with wide/marginal vs intralesional.

Results: a tumor paper should provide the outcome (survival, metastases, local recurrences) of the patients, and the outcome (survival and complications) of the reconstructions. Instead of merely reporting observational data, the authors should perform a formal analysis of the patients who benefit and those who did not from wide resection.

Discussion: the authors should discuss regarding the need and benefit for resection (wide margins) for metastatic bone disease (please see comment above). To my opinion and other surgeons as well, wide resection does not offer much to patients with metastatic bone disease. The authors should comment on that and discuss the related literature. They should also discuss

Illustrations: please add a couple of cases in sets of figures (intraoperative images are not necessary).

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

No

**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.

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:

Acceptable

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