Reviewer’s report

Title: Clinical outcome of surgical management for symptomatic metastatic spinal cord compression form prostate cancer.

Version: 0 Date: 04 Jan 2020

Reviewer: Francisco Gómez-Veiga

Reviewer's report:

Methods:
What method of imaging was performed to diagnose the patients?
Why was radiotherapy indicated only in patients with mCRPC?
If radiotherapy is an option to treat particularly in ambulatory patients, why no treat this group of patients?.
Tables 2,3: no clear, how many patients are ambulatory and nonambulatory before and after surgery?
Medical Treatment for PC:
Change the word "canazitaxel" is Cabazitaxel.
Results:
Referring to SITES of DECOMPRESSION the author mention -line 6., 1(9,.1%) in patients with mCRPC, it’s not SITEj
Functional Outcomes:
what kind of rehabilitation patients performed?
Oncological Outcomes:
What is the median follow up, define better OS per groups? Fig 1 what means each line?
Discussions:
The authors based on Patchell study affirm that surgery with radiotherapy was superior that radiotherapy alone. This study has some bias, a significant proportion of ambulatory patients received surgery, and nonambulatory were treated with Radiotherapy. Such conclusion must be reconsidered.
The discussion could include some comments regard to imaging methods to diagnose these critical situations, the impact in 2020 the new options of treatment with increasing survival and reconsider the management of these patients -some old revisions or clinical trials included patients in periods without disponibility of new therapies- and such the authors comment in the idea of multidisciplinary work the relevance of rehabilitation must be reinforced.

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.

Please note that we may not be able to use your review if no comments are provided.

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Yes

**Are the methods appropriate and well described to allow independent reproduction of experiments?**

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Yes

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Yes

**Are you able to assess the statistics?**

- Are the statistical test(s) used in this study appropriate and well described?

- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?

- 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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