Reviewer’s report

Title: Utilizing real-time contrast medium to detect the fistula of giant spinal arachnoid cyst and treat with minimal invasive surgery

Version: 0 Date: 20 Nov 2018

Reviewer: Lukas Rasulic

Reviewer’s report:

The authors present a case report on utilizing real-time contrast medium to detect the fistula of giant spinal arachnoid cyst as well as treatment with minimally invasive surgery.

This is an interesting case report, and an interesting diagnostic approach which allowed for the used minimally invasive approach in surgical treatment.

The references, in my opinion are a little outdated to support the novel technique. My research of newer references led to the finding of this review on surgical management:


and


Also, I think that your technique is comparable to the MRI flow studies, which was not discussed:


Since I have not found this approach used previously and I encourage acceptance. Please improve the article with newer references and comparison with same purpose technique.

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.

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.

Not relevant to this manuscript

**Quality of written English**

Please indicate the quality of language in the manuscript:

Acceptable

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Please complete a declaration of competing interests, considering the following questions:

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