

April 20,2020

Dear editor,

Please find attached files of revised manuscript in word format

Title: Effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

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Name of Journal: World Journal of Clinical Cases

Manuscript NO: 54108

First of all, thank you for your careful guidance of this article. Revision has been made according to the suggestions of the reviewer:

Reviewer: 02857327

Lumbar disc herniation is a common and common disease, and is mainly caused by degenerative changes of the lumbar intervertebral disc or by external forces, nerves, horsetail and other nerves. In clinical practice, the main treatment methods are conservative treatment and surgical treatment. Laminectomy with laminar fenestration is a widely used surgical method, which can all or partly release the compressed nerve root, thereby reducing pain symptoms. It will bring great trauma, it is not easy to recover after surgery, and it is easy to cause complications such as lumbar instability. The continuous development of endoscopic technology and minimally invasive technology has gradually improved the spine minimally invasive surgical instruments, especially lumbar discoscopy, which can be operated with the help of a micro-screen to obtain a clearer surgical field and ensure accurate surgery. In this study, the authors compared the clinical efficacy and safety of lumbar discoscopy and laminectomy with lamina nucleus enucleation in the treatment of single-segment lumbar intervertebral disc herniation. The study is well designed. The methods are very clearly described. Data in tables are very interesting. The results are well discussed with updated references. I love to read this manuscript. A minor editing is required before final publication, include the language of the abstract and main text, also, the references should be edited according to the journal's guidelines. Tables should be moved to the end of the text.

Reviewer: 03645030

This study is well designed and the results are interesting.

Reviewer: 03660146

An interesting brief study of the effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation. The manuscript is well written. I have some minor comments, suggestions: 1. Titles can be changed to "Effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation". 2. A background should be added to the abstract, and the conclusion in the abstract is too long, please shorten it. 3. The subtitle of "Introduction" is missing. Please check. 4. Methods are clear. no comments. 5. Tables in the results are interesting, but require editing. Such as, the statistically significant P value should be noted in Tables. 6. Discussion and references are good.

Thank you for your advice.

After receiving the comments, we read the article carefully and found some small loopholes in the language of the article and made modifications. I have changed the title to " Effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation " as recommended by the reviewer. I added a background section to the abstract and cut the conclusion. And moved the chart to the end of the article.

According to the suggestion, we changed the relevant description.

Thank you again for publishing our manuscript in the World Journal of Clinical Cases.

Sincerely Yours,

Jingran Guo