Author’s response to reviews

**Title:** Clinical Application of Large Channel Endoscopic Decompression in Posterior Cervical Spine Disorders

**Authors:**

chengli li (315828686@qq.com)
Xiaojie Tang (huyuningX@163.com)
song chen (yantaixulin@126.com)
Yongchun Meng (Yongchun.meng@hotmail.com)
Wei Zhang (byytcl@sina.com)

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Regarding the questions raised by the reviewers, the replies are as follows:

1. All of the data groups were measured on the same case, but in accordance of the different periods after the surgery. So the statistical methods should be choosed by paired samples t-tests, and the data groups have been compared by paired samples t-tests, the result of which also has been shown in the in revised manuscript. The P values in Tables 3 and 4 have changed after re-counted. Tables 3 show that significant differences were observed on 3 days postoperative, but there was no statistical significance on 3 months and 12 months postoperative. Tables 4 show that significant differences were observed. These results indicated that some patients with cervical curvature may show some improvement, and the large channel endoscope did not affect the stability of the cervical vertebra. Compared with the previous statistical results, although there were some changes, it shows that the large channel endoscopic surgery had achieved better results in the posterior cervical spine. There was no contradiction with the author's previous statement.

2. The whole manuscript has been revised by professional English Editor. The editorial certificate see Attachment.

3. We combine the 'inclusion criteria and exclusion criteria' and 'normal information' into a subsection of 'Patients'. Some numbers have been omitted in the Methods, Results and Discussion sections

4. The explanations of abbreviations in tables are supplemented.