



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54108

**Title:** Clinical effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

**Reviewer's code:** 02857327

**Position:** Peer Reviewer

**Academic degree:** FRCPC, MD, MRCP

**Professional title:** Associate Professor, Doctor, Research Scientist, Senior Lecturer

**Reviewer's Country/Territory:** Germany

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-03-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-03-22 10:33

**Reviewer performed review:** 2020-04-02 11:49

**Review time:** 11 Days and 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

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.



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54108

**Title:** Clinical effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

**Reviewer's code:** 03660146

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Senior Lecturer

**Reviewer's Country/Territory:** Greece

**Author's Country/Territory:** China

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**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-03-22 10:33

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<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

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.



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**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54108

**Title:** Clinical effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

**Reviewer's code:** 03645030

**Position:** Peer Reviewer

**Academic degree:** FACC, MD, PhD

**Professional title:** Associate Professor, Research Associate

**Reviewer's Country/Territory:** South Korea

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-03-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-03-30 01:58

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<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This study is well designed and the results are interesting.