

## PEER-REVIEW REPORT

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

**Manuscript NO:** 61248

**Title:** Cervical intervertebral disc degeneration and dizziness

**Reviewer's code:** 05504748

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2020-12-01

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-01 00:19

**Reviewer performed review:** 2021-03-08 00:00

**Review time:** 6 Days and 23 Hours

<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 Grade E: Do not publish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 checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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

Anterior cervical surgery can not only eliminate chronic neck pain, cervical radiculopathy or myelopathy, but also eliminate dizziness. Degeneration of disc is characterized by an elevation in levels of the inflammatory cytokines, which will stimulate these mechanoreceptors in degenerated disc and result in peripheral sensitization. The diagnosis of cervical discogenic dizziness can be challenging and can only be made after other potential causes of dizziness have been ruled out. In this review, the authors reviewed the literature and summarized their understanding of the impact of cervical disc degeneration on dizziness. This review is very well written, the distribution of mechanoreceptors in cervical disc, disc degeneration, inflammation, and nerve ingrowth, cervical spondylosis and dizziness, and the pathogenesis of cervical discogenic dizziness were discussed. The reviewer suggests to accept this review after a minor editing. Thank you very much.