

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Orthopedics*

**Manuscript NO:** 83507

**Title:** A Review of Minimally Invasive Endoscopic Spine Surgery: Background, Techniques, Applications, Current Trends, and Future Directions

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05111300

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2023-01-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-30 06:05

**Reviewer performed review:** 2023-01-30 17:08

**Review time:** 11 Hours

|   |  |
|---|--|
| Scientific quality                          | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish |
| Novelty of this manuscript                  | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No novelty   |
| Creativity or innovation of this manuscript | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No creativity or innovation                                |

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|---|---|
| <b>Scientific significance of the conclusion in this manuscript</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No scientific significance  |
| <b>Language quality</b>   | <input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing<br><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)<br><input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection             |
| <b>Re-review</b>  | <input checked="" 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  |

## SPECIFIC COMMENTS TO AUTHORS

This article summarizes the history, current situation and development trend of minimally invasive spine surgery, which can be published.

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05866843

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2023-01-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-31 13:00

**Reviewer performed review:** 2023-02-06 04:14

**Review time:** 5 Days and 15 Hours

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|---|--|
| Scientific quality                          | <input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish |
| Novelty of this manuscript                  | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No novelty   |
| Creativity or innovation of this manuscript | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No creativity or innovation                                |

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|---|--|
| <b>Scientific significance of the conclusion in this manuscript</b> | <input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No scientific significance   |
| <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)<br><input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |

## SPECIFIC COMMENTS TO AUTHORS

This review gives a complete introduction of the history, current techniques, and discuss the benefits, limitations, and future directions of this minimally invasive technique. The article is reasonable in structure, clear in thinking, fluent in language and clear in hierarchy, which enables readers to have a more comprehensive understanding of spinal minimally invasive technology. At the same time, this review also makes a more appropriate analysis of the problems faced by spinal minimally invasive technology at present. As a well-regulated review, this article is a good one to help readers understand the situation of spinal endoscopy.