

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 72533

Title: Clinical effect of ultrasound-guided nerve block and dexmedetomidine anesthesia on lower extremity operative fracture reduction

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06075095

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Denmark

Author's Country/Territory: China

Manuscript submission date: 2021-12-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-02 10:49

Reviewer performed review: 2022-01-15 08:54

Review time: 12 Days and 22 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Thank you very much for asking me to review this manuscript by Chengbin Ao et al. This is the retrospective study to investigate the effect of ultrasound-guided nerve block combined with dexmedetomidine anesthesia in the treatment of lower extremity fractures. Accordingly, 120 patients with lower extremity fractures in their hospital between January 2017 to December 2019 were enrolled. The application value of the possibility of improved anesthetic effects in lower extremity fracture surgeryin was discussed. This is a concise and thorough study, which would add value to the current established knowledge and evidence. I recommend that the manuscript can be published after a minor editing.

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Reviewer's code: 06129046

Position: Peer Reviewer

Academic degree: FRCS, MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2021-12-27

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SPECIFIC COMMENTS TO AUTHORS

I have read with great interest the manuscript entitled “Clinical effect of ultrasound-guided nerve block and dexmedetomidine anesthesia on lower extremity operative fracture reduction”. The article is well written, and the findings are well detailed. Research is well conducted, and statistics is appropriate. The recommendations are good for clinical use. Also, your article is good in grammar and scientific writing rules. However, some issues have to be addressed: 1. Please add the background description in the abstract; 2. Table 1 Comparison of baseline data between the two groups - This Table needs to be edited - It’s better to swap the horizontal and vertical rows; 3. The limitations of this study also include small sample size, single-center study, etc. Thank you for giving the opportunity to review this manuscript.