

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 67519

Title: Should We Use Similar Perioperative Protocols in Patients Undergoing Unilateral and Bilateral One-stage Total Knee Arthroplasty?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05400589

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Chief Doctor, Postdoc

Reviewer's Country/Territory: China

Author's Country/Territory: Thailand

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Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-08-02 14:52

Reviewer performed review: 2021-08-12 08:05

Review time: 9 Days and 17 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	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

General Comments This manuscript title is "Should We Use Similar Perioperative Protocols in Patients Undergoing Unilateral and Bilateral One-stage Total Knee Arthroplasty?". This is an interesting and meaningful topic. Bilateral one stage TKA is also controversial, which usually brings greater impact and more complications to patients. Careful perioperative management is very important for the success of TKA. In this study, BTKA patients showed higher transfusion rate, higher pain and longer LOS. To some extent, this reminds orthopedics surgeons of the need for more extensive perioperative management of BTKA patients. After minor revision, the article is acceptable. Below is a list of my comments. **Abstract:** Line 13-18: it should be more clearly explained. Line 26: Authors need to spell out acronym first time in use. **Introduction** The statement is okay. **Materials and methods** Line 88: What is the process of inclusion and exclusion? **Discussion** In general, the discussion part is appropriate, and the demonstration of the results of this research is substantial.