



## 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

**Manuscript submission date:** 2021-04-28

**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

<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 Grade E: Do not publish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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<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**

**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.