PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 88887

Title: Mid-Term Outcomes of a Kinematically Designed Cruciate Retaining Total Knee Arthroplasty

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02460217

Position: Editorial Board

Academic degree: MSc, PhD

Professional title: Associate Professor, Professor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: United States

Manuscript submission date: 2023-10-13

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-14 17:04

Reviewer performed review: 2023-12-01 02:48

Review time: 16 Days and 9 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The study aimed to assess both short- and mid-term clinical outcomes and patient reported outcome measures (PROMs) of a kinematically designed Cruciate Retaining (CR) Total Knee Arthroplasty design. Although the study is well written and easy to understand, there are some minor mistakes, which will require proof reading. The design of the study and the main goal are not innovative. Moreover, there are no comparative results to other Total Knee Arthroplasty surgeries. Despite being mainly a descriptive study, the authors should have mentioned the statistical analysis in the procedure. In relation to the results, it is obvious that there would be improvements after 2 or 6 months post-surgery. Therefore, the results were predictable.