

## PEER-REVIEW REPORT

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

**Manuscript NO:** 81553

**Title:** Mid-term Results of Sub-trochanteric Valgus Osteotomy for Symptomatic Late Stages Legg-Calvé-Perthes Disease

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

**Peer-review model:** Single blind

**Reviewer's code:** 05436038

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2022-12-18

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-16 02:54

**Reviewer performed review:** 2023-01-29 17:57

**Review time:** 13 Days and 15 Hours

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 Grade E: Do not publish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

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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

I congratulate the authors for their excellent work. After going through the article, I would like to make following comments. The article is well written. However, the hypothesis about valgus osteotomy in late stages of LCPD this study is ill understood. In older children lateral extrusion invariably occurs sooner or later in the course of the disease, but valgus osteotomy in these cases will further subluxate the hip joint laterally and on long run having a detrimental effect on the joint. Please provide pre and post-operative details of ROM, LLD of the included patients. How the authors plan and execute the amount of valgus and derotation during surgery?

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**Reviewer's code:** 05536533

**Position:** Peer Reviewer

**Academic degree:** MS, PhD

**Professional title:** Academic Research, Assistant Professor, Research Associate

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

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2022-12-18

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2023-03-02 13:02

**Reviewer performed review:** 2023-03-15 04:03

**Review time:** 12 Days and 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
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Well written manuscript.