

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 56634

Title: Length Unstable Femoral Fractures: A Misnomer?

Reviewer's code: 03433435

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: United States

Manuscript submission date: 2020-05-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-08 05:37

Reviewer performed review: 2020-05-09 19:33

Review time: 1 Day and 13 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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

SPECIFIC COMMENTS TO AUTHORS

The authors performed a retrospective chart review of length unstable femur fractures treated with flexible intramedullary nailing at a single institution. An article is well designed, interesting, easy to follow and of great interest for pediatric orthopedists. There are several objections that need to be revised before any favorable decision can be made: 1. ABSTRACT – It is unusual to start sentence with number (E.g. “3 groups”) – Please replace with “Three groups”. The same thing has been repeated in multiple locations through the document. Please revise! 2. ABSTRACT – “weight = 126 pounds” – Please provide weight in kg! 3. INTRODUCTION – The authors stated “Although FIMN is an effective procedure for length stable diaphyseal pediatric femoral fractures, there is concern regarding its use for length unstable fractures” and after that they gave some potential complications of FINM treatment. I totally agree that FIMN is safe and effective method for shaft fractures in pediatric population but before you mention possible complications the authors should highlight some important benefits regarding FINM. Please add following sentence and reference: “The FINM has the benefits of early immediate stability to the involved bone segment, which permits early mobilization and return to the normal activities of the patients, with very low complication rate” (REFERENCE: Scandinavian Journal of Surgery. 2011;100: 208-215). 4. METHODOLOGY – Please provide primary and secondary outcomes of the study. 5. METHODOLOGY – In exclusion criteria “(e.g. pathologic fractures or osteogenesis imperfecta) (9), polytrauma necessitating ICU care and/or extensive management of other injuries (may skew data on variables including estimated blood loss (EBL), operative time, time to weight bearing due to the associated injuries) (12), incomplete records (8), or no follow-up visits (12).” numbers in brackets represents number of patients? If the numbers represent the number of patients please replace with n=9 or 9 patients.... The same is in abstract and results sections. Please revise! 6. METHODOLOGY – Description of surgical procedure is missing. The authors should describe procedure or use adequate reference! 7. METHODOLOGY –

Description of follow-up is also missing. Please provide detail information regarding follow-up of the patients! 8. RESULTS - Table 1 - In results section the authors performed comparison between the patients with unstable fractures treated with FINM and methods other than FINM. In light of that please remove first column from Table 1 and provide new column with p values! 9. RESULTS - The authors should perform new Table to compare stable and unstable femoral shaft fractures treated with FINM (first two columns from Table 1) 10. FIGURES - Figures 2 and 3 are not mentioned anywhere through the text. Please revise. 11. DISCUSSION - Whether the authors used plaster after surgery? If they are please explain why and for how long? A recently published study on 103 pediatric patients treated with the FINM proved evidence that there is no need for casting and that physical therapy can be started in early postoperative period (Bull Emerg Trauma 2019;7(2):169-175). Please add this statement and reference and discuss in discussion, with your comment regarding your cohort of the patients.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: United States

Manuscript submission date: 2020-05-07

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-07-18 14:28

Reviewer performed review: 2020-07-22 17:54

Review time: 4 Days and 3 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
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

SPECIFIC COMMENTS TO AUTHORS

The authors performed most of the requested reviews. The paper can be accepted in



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