

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 81029

Title: Surgical strategy of the treatment of atypical femoral fractures

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05539060

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Director, Doctor, Lecturer, Senior Researcher

Reviewer's Country/Territory: Iran

Author's Country/Territory: South Korea

Manuscript submission date: 2022-12-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-18 11:56

Reviewer performed review: 2022-12-22 18:23

Review time: 4 Days and 6 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 Grade E: Do not publish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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**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>

statements	Conflicts-of-Interest: [<input checked="" type="checkbox"/>] Yes [<input type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Dear authors, The manuscript is written well and the topic is interesting. I suggest acceptance of your paper.

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Manuscript NO: 81029

Title: Surgical strategy of the treatment of atypical femoral fractures

Provenance and peer review: Invited Manuscript; Externally peer reviewed

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Reviewer's code: 06372936

Position: Peer Reviewer

Academic degree: PhD, MD

Professional title: Academic Research, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2022-12-13

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2023-01-31 02:56

Reviewer performed review: 2023-02-02 04:35

Review time: 2 Days and 1 Hour

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

Scientific significance of the conclusion in 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 scientific significance
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 checked="" type="checkbox"/> Minor revision <input 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

In this mini-review, the authors reviewed and described the surgical treatment of atypical femoral fractures and the surveillance of the contralateral femur. This mini-review summarized the current state of knowledge in the surgical treatment of complete and incomplete atypical femoral fractures and provided some theoretical references for the development of surgical treatment plans for complete and incomplete atypical femoral fractures. The specific review comments: (1) In the introduction of the review, the biomechanical mechanisms of occurrence of atypical femoral fractures are less described, please add this section. (2) The advantages of the intramedullary nailing technique are highlighted in the section on surgical treatment of complete fractures, but how does the intramedullary nailing technique affect the original biomechanics of the femur? Please explain the biomechanics. (3) In “SURVEILLANCE OF CONTRALATERAL FEMUR”, please add a description of the pathogenesis of subsequent contralateral fractures in patients with unilateral AFF.