

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59719

Title: Three-dimensional finite element analysis with different internal fixation methods through the anterior approach

Reviewer's code: 00053419

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2020-09-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-29 19:22

Reviewer performed review: 2020-11-02 09:18

Review time: 3 Days and 13 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 Grade E: Do not publish
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 type="checkbox"/> Yes <input checked="" 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 have addressed a health issue of increasing incidence in the Chinese population. Different fixations for hip fractures were analyzed with no major differences among them. The most relevant limitations have been discussed by the authors. The study is timely and the model has been well explained, including the limitations associated to the oversimplification of the clinical situation.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59719

Title: Three-dimensional finite element analysis with different internal fixation methods through the anterior approach

Reviewer's code: 00503536

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-09-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-29 22:40

Reviewer performed review: 2020-11-25 08:42

Review time: 26 Days and 10 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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The manuscript written by Xie XJ et al. analyzed the effectiveness of five fix ations for acetabular posterior column fractures with three-dimensional models of normal and fractured pelvis using CT data of the pelvis. The authors found no significant differences in the stress mean value among those procedures. They also found that the mean values of displacement in the standing position were not significantly different among those five procedures. The analysis is important and interesting, and is useful for the management of acetabular fracture. However, there are some concerns that need to be addressed. Minor points, 1.The information on the precision of the analysis that the authors used for this study needs to be shown. 2.More explanation are needed for Fig. 4 and Fig. 5, both figures are difficult to understand. The manuscript can be accepted for publication after minor revisions.