

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 73414

Title: Effects of alendronate sodium combined with InterTan on osteoporotic femoral intertrochanteric fractures and fracture recurrence

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06086821

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2022-03-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-21 10:23

Reviewer performed review: 2022-04-06 00:02

Review time: 15 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 Grade E: Do not publish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 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: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

The topic of this work is interesting. In recent years, the incidence of osteoporosis and osteoporotic femoral intertrochanteric fracture has been increasing. Surgical internal fixation was the first choice of treatment for patients with intertrochanteric fractures to obtain a solid internal fixation effect, promote fracture healing, and accelerate rehabilitation. Alendronate sodium could inhibit osteoclast activity and the bone resorption process and reduce bone destruction. It is often used in the treatment of osteoporosis and the prevention of compression fractures of the hip and vertebral body in clinical practice. However, there are only few studies on its impact on long-term recurrence of fractures. The manuscript is focused on further explore the effect of alendronate sodium combined with InterTan for osteoporotic femoral intertrochanteric fractures on bone and fracture recurrence through a large sample follow-up clinical study. The design of the study is very good. The results are excellent. Their conclusion might provide additional information for the good clinical development prospects and promotion space of alendronate sodium. The manuscript is well written and well organized, and authors presented also the limitations of the study. I recommend accepting this manuscript for publication after a minor language editing.

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Reviewer's code: 06086699

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The manuscript observed the effect of alendronate sodium combined with InterTan on osteoporosis and fracture recurrence in the treatment of osteoporotic femoral intertrochanteric fractures and discussed its mechanism. It is well written and highly interesting. The study is well designed and presented with optimal analysis, discussion and tabulation display of data. Thank you for giving opportunity to review this study. However, the following points must be considered before publication. In my opinion, note that the additional expanded discussions are mandatory. In addition, the Abstract is not good enough and needs to be revised. Some descriptions of the background and results sections need to be shortened to make it more structured.