

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69434

Title: Intervertebral Bridging Ossification after kyphoplasty in a Parkinson's patient with Kummell's disease: A case report

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05207387

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-07-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-29 00:52

Reviewer performed review: 2021-07-31 12:13

Review time: 2 Days and 11 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 Grade E: Do not publish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



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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

Thanks for recommending me as a reviewer. In this case study, vertebral refracture and adjacent vertebral fracture after kyphoplasty resulted in persistent severe pain and dysfunction. These fractures were cured by extensive callus formation around the T12-L2 vertebrae and intervertebral bridging ossification providing new stability. If authors complete minor revisions, the quality of the study will be further improved. 1. page 3-4: Authors should be more specific about the characteristics of the case (subject) in the Methods section. 2. If the authors describe the conclusion section more specifically, it can help readers understand.

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Reviewer's code: 05099021

Position: Peer Reviewer

Academic degree: MD

Professional title: Attending Doctor, Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2021-07-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-04 01:37

Reviewer performed review: 2021-08-07 14:53

Review time: 3 Days and 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

In page 8, line 3-11, the authors stated that there are many factors promote the bridging ossification, such as mechanical instability, and blood leakage, etc. Parkinson's disease is only one of a contributing factor. In this case report, I can't find strong evidence that PD contributed to her bridging ossification. Although in page 7, line 18-27, the authors raised some mechanism of PD and ossification. In page 4, line 4-6, the authors didn't talk about her PD in detail. What's the predominant symptoms? (tremor type, rigidity type, or ...) What's the stage of the patient? What's the dose of Levodopa and benserazide hydrochloride? Did she have motor complications or other non-motor symptoms? Some of the detail characteristic are very important. As the authors said in page 7, line 24, Levodopa influence the hormone and relate to ossification.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05099021

Position: Peer Reviewer

Academic degree: MD

Professional title: Attending Doctor, Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2021-07-08

Reviewer chosen by: Yu-Jie Ma

Reviewer accepted review: 2021-11-16 14:06

Reviewer performed review: 2021-11-16 14:28

Review time: 1 Hour

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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors added some references to explain the role of PD and Levodopa in ossification. And they made detail description of her PD status. The above revision convinced me that her PD and Levodopa contribute to the heterotopic ossification. I have no more questions.