

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 78698

Title: Repair of a large patellar cartilage defect using human umbilical cord blood-derived mesenchymal stem cells: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06139981

Position: Peer Reviewer

Academic degree: Doctor, MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2022-07-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-07-10 16:55

Reviewer performed review: 2022-07-17 06:06

Review time: 6 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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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



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Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No
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SPECIFIC COMMENTS TO AUTHORS

The authors reported a case in which human umbilical cord blood-derived mesenchymal stem cells (hUCB-MSCs) were used to successfully treat a 15-year-old boy with a large patellar cartilage defect due to patellar dislocation. We believe this is an interesting report. In terms of language, the manuscript should be minor revised. In conclusion part, the author should add some other perspectives to make this part informative. Some novelty and newly published information should be included. It would also be nice to add some other pictures. This report is complete and detailed. So I suggest the report to have a major revision.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

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Reviewer's code: 06356153

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2022-07-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-16 01:05

Reviewer performed review: 2022-08-16 02:29

Review time: 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
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
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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

In this case report, the authors describe using human umbilical cord blood-derived mesenchymal stem cells to repair a large patellar cartilage defect. The authors stressed the first report of this treatment for this disease. The patient recovered well 2 years after surgery, and the good outcomes of the patients were described in their abstracts. The manuscript is well written in most of its parts. However, there are some minor and major aspects of this manuscript that are not convincing, and must be improved. The manuscript requires English polishing. Please add ethics committee authorization information.