

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 58532

**Title:** Subchondral bone as a novel target for regenerative therapy of osteochondritis dissecans: A case report

**Reviewer's code:** 02505493

**Position:** Editorial Board

**Academic degree:** DPhil

**Professional title:** Professor

**Reviewer's Country/Territory:** Greece

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-01-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-05 06:35

**Reviewer performed review:** 2021-01-07 10:04

**Review time:** 2 Days and 3 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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 present study is a case report of a 16-year-old patient diagnosed with OCD. Since OCD is a relatively rare disease, an unreported treatment applied that focused on subchondral bone as a novel target for implantation using peripheral blood stem cells. Treatment was based on the multidifferentiation ability of peripheral blood stem cells with subchondral bone implantation, which effectively restored cartilage and subchondral bone and relieved patient's symptoms in a short period. The authors note that repair of subchondral bone damage is the basis for good cartilage regeneration, although larger studies are required to demonstrate the effectiveness and safety of the approach. The case report is interesting, the manuscript is well-written and it can be accepted for publication.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 58532

**Title:** Subchondral bone as a novel target for regenerative therapy of osteochondritis dissecans: A case report

**Reviewer's code:** 02505493

**Position:** Editorial Board

**Academic degree:** DPhil

**Professional title:** Professor

**Reviewer's Country/Territory:** Greece

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-01-05

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2021-02-01 05:33

**Reviewer performed review:** 2021-02-01 09:14

**Review time:** 3 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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 present manuscript is a revised version of a manuscript submitted earlier that presented a case report of a 16-year-old patient diagnosed with OCD. The authors have followed the comments of the reviewers and the manuscript can be now accepted for publication.