

Dear Editors and Reviewers:

Thank you for reading our manuscript and reviewing it, which will help us improve it to a better scientific level. According to the Editors and Reviewers' recommendations, we have revised carefully our manuscript and respond to the comments. And I look forward to working with you to move this manuscript closer to publication in the *World Journal of Clinical Cases*.

The aim of this study was to compare the clinical effect of arthroscopy combined with UKA and UKA alone for patients suffering from unicompartmental OA at an average follow-up time of 7.25 years. The HSS, knee society score, knee function score, FTA, and HKA increased significantly at the latest follow-up compared to pre-operation in both groups. The percentage of blood transfusion and the total volume of blood transfusion were lower in arthroscopy combined with UKA than in UKA alone. The new findings show that Arthroscopy combined with UKA and UKA alone both provide benefits in clinical symptoms improvement and alignment correction. Arthroscopy combined with UKA does not increase the infection probability and surgical complications, and has an advantage in controlling the total volume of blood transfusion and reducing the percentage of blood transfusion. Arthroscopic surgery has a unique advantage with regard to patients'-selection and a curative effect on cartilage degeneration on the lateral compartment.

We have used a professional language editing service of [webshop.elsevier.com](http://webshop.elsevier.com). The language Editing Certificate is provided and uploaded as well. The work described has not been submitted elsewhere for publication, and all authors have contributed to read and approved the final manuscript for submission. The further multicenter study is necessary to confirm the conclusion, which is also the focus of our further work.

Here is response to all comments and changes the authors have made. If any question arises, please let us know. We added the running title after the manuscript title. We wrote the informed consent statement and the scanned

material for informed consent has been uploaded. The research background was added in the abstract. And the article highlights were added as well. We provided the figures as separate electronic files and uploaded the figures in bitmap formats.

Thank you very much for your time and consideration.

Sincerely yours,

Zhongli Li, Wang Haoran

24-Nov-2019