

Dear Editor and Reviewers,

Thank you for your letter and comments on our manuscript titled “Internal fixation and unicompartmental knee arthroplasty for an elderly with patellar fracture and anteromedial osteoarthritis: A case report”. These comments are all valuable and helpful for improving our article. According to the editor and reviewer’s comments, we have made some modifications to our manuscript. Point-by-point responses to the editors and reviewer are listed below this letter.

We marked the added portions in red and the deleted part with strikethrough, then highlighted them yellow in the manuscript. The main comments and our specific responses are detailed below:

Reviewer #1:

Oxford UKA has indications, not only the intact cruciate ligament is required, but also the varus is not more than 15 degrees, the flexion deformity is not more than 15 degrees, and the range of motion of the knee joint is greater than 90 degrees. After UKA, early functional exercise is needed to practice flexion and extension of the knee joint. Early activity after tension band internal fixation of patella fracture is easy to cause internal fixation loosening. The fracture in this case was comminuted fracture, and the internal fixation was not rigid fixation, and there was a risk of loosening and displacement. According to the follow-up results, the healing time of fracture should be explained.

Response: 1. We have attached the X-rays of the patients at the 12th and 20th weeks after the operation. The X-rays of the patients at the 12th week after the operation shows that the fracture line had disappeared, indicating that the patella fracture has healed. At this time, the patient has regained the ability to walk normally, and sometimes need to use a walker to walk, and the patient is completely satisfied with the effect of the operation.

Science editor: 1 Scientific quality: The manuscript describes a case report of the internal fixation and unicompartmental knee arthroplasty for an elderly with patellar fracture and anteromedial osteoarthritis. The topic is within the scope of the WJCC. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: The fracture in this case was comminuted fracture, and the internal fixation was not rigid fixation, and there was a risk of loosening and displacement. According to the follow-up results, the healing time of fracture should be explained; and (3) Format: There are 4 figures. A total of 28 references are cited, including 4 references published in the last 3 years. There are no self-citations. 2 Language evaluation: Classification: Grade B. A language editing certificate issued by Editage was provided. 3 Academic norms and rules: The authors provided the written informed consent. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an unsolicited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJCC. 5 Issues raised: (1) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; and (2) Authors should always cite references that are relevant to their study. Please check and remove any references that not relevant to this study. 6 Recommendation: Conditional acceptance.

Response: 1. We have attached the original pictures of all the pictures of the article according to the requirements, and made a PPT according to your requirements and attached it; 2. We have

attached X-rays of the patient's 12th week and 20th week after the operation according to the requirements of the peer review, showing that the patient's fracture healed in the 12th week after the operation. 3. We have carefully checked all references and deleted some references irrelevant to this study.

Company editor-in-chief: I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

Response: Thank you for your approval. We have revised our manuscript in response to their suggestions and hope that this improved manuscript is acceptable for publication in *World Journal of Clinical Cases*.

Thank you for your consideration. I look forward to hearing from you.

Sincerely,
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