

Dear Editors and Reviewers,

Thank you for your letter and for the reviewer's comments concerning our manuscript entitled " Rare Pattern of Maisonneuve Fracture: Case Report and Possible Mechanism Analysis " (Manuscript NO.: 73915, Case Report). Those comments are all valuable and very helpful for revising and improving our paper. We have studied comments carefully and have made correction which we hope meet with approval. The responds to the reviewer's comments are as following:

Response to reviewer #1:

Question 1: The preoperative x-rays in Figure 1 didn't show any abnormal. It's better to show some x-rays of Mortise view and/or stress view, which could find some abnormal in the syndesmosis.

Response: At the beginning, we were not experienced enough to carry out X-rays of Mortise view and/or stress view. So only preoperative anteroposterior and lateral radiographic view of the ankle and leg were carried out. **Figure 1A indicates a fracture of the medial malleolus and figure 1B indicates a fracture of the proximal fibula.** The injury of the inferior tibiofibular joint could not be detected by X-ray alone, so we performed 3D-CT examination. **3D-CT examination (Fig. 2B) indicates slight separation of the inferior tibiofibular joint.** This suggests that in future patients suspected of Maisonneuve fracture, it is necessary to perform X-ray examination of Mortise view and/or stress view on the basis of simple anteroposterior and lateral radiographic view of ankle joint.

Question 2: It is not true to claim that "To our knowledge, this is the first time that this fracture pattern has been reported, and there are no similar cases in the English literature." There are more than 100 publications regarding Maisonneuve fracture.

Response: Our representation in this article is not accurate enough. **There are many publications regarding Maisonneuve fracture.** But this article describes a rare pattern of Maisonneuve fracture. **This rare pattern of Maisonneuve has not**

been reported before. In the revised manuscript, we have changed the Inappropriate statement.

Response to reviewing #2:

Question You can add the findings of some imaging next to the figure ligands.

Response: The findings of some imaging were added next to the figure ligands.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content and framework of the paper. And here we did not list the changes.

We appreciate for Editors/Reviewers' warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestions.

Thank you and best regards,

Sincerely yours,

Bin Zhao,

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