

SPECIFIC COMMENTS TO AUTHORS

Excellent study. The study aims to explore the value of nuclear MRI and CT in the clinical diagnosis of tibial plateau fractures. MRI and CT have good diagnostic typing in the diagnosis of tibial plateau fractures, but MRI is more accurate and may be preferred. The tables and figures show the data and images clearly. The whole manuscript is well drafted; however, some concerns have been noted including: 1. Some minor language polishing should be corrected. 2. The format of references should be modified.

Answer to reviewer 1#:

Thank you very much for your time to review this manuscript. We really appreciate all your comments and suggestions!

1. Some minor language polishing should be corrected.

Response: We regret there were problems with the English. The paper has been carefully revised by a professional language editing service to improve the grammar and readability.

2. The format of references should be modified.

Response : The reference format has been modified in accordance with the requirements of the World Journal of Clinical Cases.

SPECIFIC COMMENTS TO AUTHORS

The article is innovative. The results indicated that MRI and CT have certain diagnostic efficacy in the diagnosis of tibial plateau fractures, but NMR has higher typing ability and may be selected first. As an important tissue responsible for human movement, support and protection, bones can support human labor and movement under normal conditions, but fractures can occur after excessive external stress or pathological decreases in bone density. Fractures greatly influence the function of the site and need to be promptly treated. In view of the great influence of fractures on patients' daily lives,

clinical diagnosis and treatment-related research is highly valued. Overall, the study is very well designed and the results are very interesting. The sample size is enough and methods are very clear. Discussion is good. I have a minor comment, the references should be updated.

Answer to reviewer 2#:

Thank you very much for your time to review this manuscript. We really appreciate it.

1. the references should be updated.

Response: Thank you for your correction, We have updated all the references to the last five years as required.

SPECIFIC COMMENTS TO AUTHORS

The fracture of tibial articular cartilage is also a common complication in tibial plateau fractures. The thickness and continuity of the tibial articular cartilage surface can be clearly shown in MRI scans in T1WI and T2WI, both with a high signal, and the STIR sequence showed the best effects; however, MRI shows slight thickening of the cartilage surface and a significant increase in the signal of patients with tibial articular cartilage injury. Medical records of 120 patients with tibial plateau fractures are retrospectively analyzed. The methods are described in detail. The inclusion and exclusion criteria are reasonable and very clear. Results are good, and interesting. Comments: The manuscript is overall well written; however, a minor language editing is required. And the tables and figures should be checked carefully.

Answer to reviewer 3#:

We're appreciate for your careful read and thoughtful comments on previous draft. Based on your comments, we have made detailed changes to the article.

1. The manuscript is overall well written; however, a minor language editing is required.

Response: We regret there were problems with the English. The paper has been carefully revised by a professional language editing service to improve the grammar and readability.

2. And the tables and figures should be checked carefully.

Response: Thanks for your reminder. We have checked the tables and figures carefully, and fixed some of the errors.