

Dear editor:

Enclosed please find the revised manuscript **No.69483** "Synovial chondromatosis of the hip joint in a child: a case report". We greatly appreciate the comments and have learned a lot from the reviewers. The critics have been addressed as following.

Reviewer Comments:

1. Abstract: "We performed total surgical resection of the left hip and ." There is a missing sentence which needs correction.

A: Sorry for the errors, we corrected this sentence as "**We performed total surgical resection of synovial chondromatosis tissue in the left hip.**"

2. Pathologic findings are better to be added in Fig. 7.

A: Thank you for the considerate remind, we add "**Biopsy result confirmed synovial chondromatosis, HE staining showed active proliferation of chondrocytes.**"

3. Discussion: "Children in and out several hospital, all for the diagnosis of transient synovitis of the hip or ischemic necrosis of femoral head, conventional MRI signal is visible on a large number of liquid, the morphology of the free body without specificity (figure 3), a study shows that dynamic t1-weighted imaging can be used with intravenous chelate, synovial enhancement and enhance cartilage tumour without change, Synovial tissue and chondroma were further distinguished [14]." There are grammar problems which need correction.

A: Sorry for the errors, we corrected this sentence as "**This patient was misdiagnosed in several hospitals as transient synovitis of the hip or ischemic necrosis of the femoral head. The conventional MRI result shows that hip joint full of liquids, and the morphology of the free body was not specific enough to diagnose SC (Figure 3). A study showed that dynamic T1-weighted imaging could be used along with intravenous chelation to enhancement and develop synovial, and then to distinguish synovial tissue from SC[14].**"

4. Page 3 Line 11 - the first sentence is incomplete;

A: Sorry for the errors, we corrected this sentence as "**We performed total surgical resection of synovial chondromatosis tissue in the left hip.**"

5. Page 3 line 12 - "returned to normal" instead of return;

A: Sorry for the errors, we corrected "**returned to normal**" instead of return.

6. Page 6 Line 15 - "with decreased density" instead of density decreased;

A: Sorry for the errors, we corrected this sentence as "**CT showed a decrease in the density of the left hip joint epiphysis and widening of the left hip joint space (Figure 2).**"

7. Page 6 Line 16 "partly nodular synovial thickening";

A: Sorry for the errors, we corrected this sentence as "**Magnetic resonance imaging (MRI) showed the synovial thickening of the left hip joint (Figure 3).**"

8. Page 10 Line 5 - this line seems out of context. As the reviewer has mentioned, pathology findings should be included in figure 7.

A: Thank you for the considerate remind, we add “**Biopsy result confirmed synovial chondromatosis, HE staining showed active proliferation of chondrocytes.**”

We feel that these changes are more persuasive and strongly support our statement in the manuscript. We hope the reviewers agree with our answers and the new version of this manuscript meets the standard of the prestigious World Journal of Clinical Cases. Thank you very much for your consideration.

Sincerely yours

Jie WEN & Sheng XIAO

Hunan Provincial People's Hospital