

Dear Editor-in-Chief,

We would like to thank you for the opportunity of revising our manuscript. We have revised this manuscript according to the kind comments from peer-reviews and science editor.

Reviewer #1:

Q1: In line 6, the symbols"." is not necessary.

Reply1: Thanks for your kind correction. The symbols"." has been deleted. (Please see Page 1; line 5)

Q2: In case summary, the revision surgery was performed before or after the pathological diagnosis or at the same time? It's better to describe the treatment in chronological order.

Reply2: Thanks for your kind suggestion. The case summary had been revised for better treatment description in chronological order. (Please see Page 3; line 6)

Q3: In line 65-67, the keywords should be limited in 5.

Reply3: Thanks for your kind correction. The number of keywords had been reduced to the limit of 5. (Please see Page 3; line 21)

Q4: Since the first appearance of ARMD has used the full name, there is no need to write the full name when it appears later in the body text. So does ALVAL.

Reply4: Thanks for your kind correction. The abbreviation of ARMD and THA in the article had been changed.

Q5: "total hip arthroplasty" can be used in its abbreviated form "THA" in line 83,92,99 et al.

Reply5: Thanks for your kind correction. We have corrected the words to abbreviated "THA". (Please see Page 4; line 12,21,28)

Q6: The authors seem to have used the wrong photos C and F in Fig 1, which appear to be photos of the knee.

Reply6: The photos C and F of figure is surely the patient's hip gross photo. We added some marks for the photo direction. (Please see figure 1, C and F)

Q7: In Fig 2, it is advisable for the authors to use MRI images of the same sequence to facilitate the reader's comparison, e.g.

Reply7: Thanks for your kind suggestion. We have changed the MRI to the same sequence to facilitate the reader's comparison. (Please see figure 2, C)

Science editor:

Q1: The title is too long, and it should be no more than 18 words.

Reply1: Thanks for your kind correction. We have changed the title to the shorter one, which is 18 words. (Please see Page 1; line 5)

Q2: The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Reply2: There is no sponsor for this manuscript, so there is no grant application form(s) or associated document. (please see Page 1; line 27)

Q3: 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.

Reply3: Original pictures had been provided in the uploaded documents "68471-Image File" with PowerPoint form.

Q4: To obey the publication ethics and improve the protection of all patients' rights to privacy, the authors should provide the informed consent form on which the patient's name, address,

birthday, address, ward, bed number, hospital number and other private information are obfuscated.

Reply4: The private information of the patient had been obfuscated in the uploaded documents “68471-Signed Informed Consent Forms”.

We would like to thank you for your time and consideration. If you require additional information, please do not hesitate to contact us. We look forward to hearing from you.

Sincerely yours,

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