

Reply to Reviewers:

Reviewer #1

Thank you for your kind review. The reply to the queries are stated as below.

1. The case report has been reorganized into the clear sections as recommended. History of presenting complaint has been changed to chronological order.
2. More details of physical examination has been provided, based on case records. However, some examination findings suggested were not present in the records (such as heel and hip test) and hence was unable to be added.
3. Clinical presentation, etiology, diagnostic methods have been included in the discussion. The mainstay of treatment for symptomatic implant loosening is surgery, which has been discussed.
4. Have added it under section of “Effect of implant material and factors contributing to metallosis.” Risks factors for implant loosening and ways to reduce the risks have been discussed.
5. Conclusion part has been revised according to edited discussion.

Reviewer #2

Thank you very much for your kind review.

Reviewer #3

1. Biochemical data has been included. Histopathological report findings have been included, however the microscopic images are not available to be included in this report.
2. Discussion section has been revised. In the section “Effect of implant material and factors contributing to metallosis”, other causes of back pain such as nerve root or cauda equina compression in this patient has also been added. Infection was previously included in the discussion. We have removed “review” from the title, and have changed it to a summary of literature.

3. Diagnosis time and hospital name has been added.
4. Proof-reading performed again. On current manuscript, the reported spacing errors are not present, and we have made care during re-submission to ensure there is no error.