

LETTER TO THE REVIEW

thank you very much for your suggestions!

R 1

THE USE OF SHORT STEMS IN REVISION OF STANDARD FEMORAL STEM: A CASE REPORT AND REVIEW OF THE LITERATURE It is a report of only a single patient. It is an interesting study, however, the manuscript would benefit from the following changes/revision:

1. Please mention the age of patient at the time of current study(**the patient is eighty years old at the time of the trauma**)
2. Introduction, second paragraph. No citation is given. Please give proper citation of material/text. (**I have added further bibliography**)
3. Discussion is not relevant to the procedure performed, rather it fits more in the Introduction. Please discuss the modalities of the procedure performed and compare/contrast with literature. (**I have added the modalities of the procedure performed in the discussion part**)
4. It would be pertinent to mention the basic demographic and physical features of the patient like origin, ethnicity, weight, height, etc. (**I have added patient characteristics**)
5. There are several typos which need to be fixed. For instance, page 2,Department of Surgety,.....(**I have read again the paper and corrected errors**)
6. It is recommended to cite recent References. (**I have added further bibliography**)

R2

In this manuscript, the authors described a fractured femoral stem of the previous THR is replaced with a short stem prosthesis. They have elaborated on the advantages of short stem prosthesis, its indications. The narration of the case is also interesting. Title, Abstract, and References The title is good and representing your objectives. The abstract is written nicely. References are relevant, recent, and cited properly.

1)Introduction Here the authors failed to explain the importance of their case and use of short stem prosthesis in it. I think your objective was to describe the application of a biological short stem in a revision THR. From this single experience, we cannot propose its application to various indications. (**I have showed the benefits of using the short cemented stem in early implants and revisions**)

2)Case presentation It will be much better if you elaborately describe your case. Was he completely asymptomatic till the injury? What was the mode of injury? It is difficult to understand how a trivial injury causes fracture of a femoral stem without fracturing shaft. Looking at your X-ray image it appears to me that the fracture of the stem is a chronic one and maybe it got displaced during the present injury. It has happened due to microtrauma. There is a thickening of the shaft at the distal end of the stem and the proximal part is loose without osteointegration. This leads to a varus strain on the stem and caused its fracture. It is better to have a series of radiographs if available to avoid confusion in readers. What was the cause for foot drop? What happened to it in your followup? Treatment and follow up part is good.

(**I have described the case with greater particularity and I added a more detailed assessment of the radiograph**)

3Discussion Here also your discussion is mainly about the advantages of short stem prosthesis disadvantages of conventional stems and description of Fitmore prosthesis. In my opinion, you should explain your case and results in the discussion part. Highlight the points you want to express before readers rather than elaborating on known facts. Were there any problems during surgery? Is there osteointegration of prosthesis? Was the removal difficult? Are there other options in such situations for the removal of the distal part of the stem and revision with that part? Like you have put an uncemented stem with cement what are the probable problems you expect ? and how it performed in your patients. What are the probable indications other than a broken distal stem for this procedure? (I have included the advantages and disadvantages of the short stem in the discussion part for a better understanding of the clinical case, I have also added the reasons and problems for the choice of the uncemented stem with acrylic cement in revision procedure)

Anyway a nice wok. Regards.