Author's response to reviews

Title: Ulnar nerve injury following comminuted fracture of the shaft of the Humerus in high velocity accident: a case report.

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Author's response to reviews: see over
Dear Editor,

Thank you for communicating the comments of the reviewers.

We have now made the necessary changes that were suggested.

Kindly see our point wise response to the comments of the reviewers. The comments of the reviewers are highlighted in yellow and our response is in red using the track changes options. I hope this helps.

**Reviewer 1: Marianna Papadopoulou**

**Comments to authors:**

This is a well written and very interesting paper enlightening the fact that rare nerve injuries do really happen. I would only make a tiny remark, should the discussion section be shorter, since much of the information given is a repetition of that already mentioned in the Introduction section.

Thank you for the appreciation on the manuscript. The changes have been made. The discussion has now been further shortened as per your suggestions.

**Reviewer 2: Theerachai Apivatthakakul**

**Comments to authors:**

In the abstract, case presentation -This fragment of bone was” replaced and reconstructed with the shaft of humerus” change to "reduce" by open reduction and internal fixation

The changes have been made in the ‘Abstract’ as well as the ‘Case presentation’ in the body of the manuscript. Kindly see the track changes corrections that we have done.

In case presentation can be shortened by omit many phrases as shown "A 30 year old Indian male, laborer by profession, was brought to the ER of our hospital after a motorcycle accident. On admission to the ER, the patient was in distress with pain in his right arm. Examination of the extremities revealed contusions over the right upper arm without any evidence of penetrating injury. There was marked swelling and tenderness in the middle part of the right arm. The radiograph of the right arm showed a unilateral displaced comminuted fracture of the mid shaft of the humerus (Fig 1). The patient was then given first aid in the form of U slab and immediately transferred to the Orthopaedic ward for further evaluation."

The case presentation has been shortened. See the uploaded manuscript. We have again used track changes option.

Last 3 sentences on page 3 This fragment of bone was " replaced and reconstructed with the shaft of humerus” change to "reduced" by open reduction and internal fixation using DC plate and screws.

Done as already mentioned above

In discussion
However in their case the ulnar nerve palsy was due to the transection of the ulnar nerve deleted"and the cause of the same" was explored four months after surgery.

Done

In references
"J Bone Jt Surg" change to "J Bone Joint Surg"

Done

Figure 3a,b are not cleared what the authors want to demonstrated. Fig 3a is very red and look like flash burn. Fig 4 is very low resolution to demonstrated the nerve and the arrow.

Brightness of the images (Fig 3a, b) have been reduced so that they do not appear ‘very red’

Quality of written English: Needs some language corrections before being published
The manuscript has been revised again in terms of language.

To Section editor:
This is the first ever case describing ulnar nerve injury following comminuted fracture shaft humerus. There is one article that was published by Stahl et al in 1998 in the *J Orthop Trauma* which described the transection of the ulnar nerve following fracture of the shaft of humerus which was explored 4 months following the injury. However our case was diagnosed the following day after the high velocity accident, and hence unique. Also a literature search on PubMed and various databases hardly had any case of ulnar nerve injury except the one mentioned above. Hence we feel that it is necessary to document this case to increase the knowledge and the possibility if an ulnar nerve damage in humerus fractures.

Let us know in case any further changes are required in the manuscript. We would be happy to revise it.

Thank you,

Regards,

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