Reviewer's report

Title: The effect of trauma and patient related factors on radial head fractures and associated injuries in 440 patients.

Version: 1

Date: 5 March 2015

Reviewer: Matthijs Somford

Reviewer's report:

The manuscript titled ‘The effect of trauma and patient related factors on radial head fractures and associated injuries in 440 patients.’ is a clearly written and important contribution to the knowledge of radial head fractures. I have some minor revisions to make the manuscript ready for publication.

General comments:

How were the ligamentous injuries established? Was MRI used? Was it used standardly and are the ligamentous injuries not present in other cases? If established clinically, how was this done with the fracture present?

It might be interesting to show in what percentage of cases the associated injury mandated another approach to treatment than standard radial head fracture treatment.

Specific comments:

Abstract

Line 32: ‘on the risk of’ instead of ‘on’

Background

Line 75: a priori instead of priory

Discussion

Line 150: how was established whether the associated injury was symptomatic?

Line 224: here is stated that the injuries are not relevant? Meaning asymptomatic?

Table 2

An Essex-Lopresti fracture-dislocation can not be classified as an associated injury since a radial head fracture is needed. The associated injury should be a DRUJ dislocation, resulting in an Essex-Lopresti injury with the radial head fracture.
Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests