Reviewer's report

**Title:** The relationship between distal radius fracture malunion and arm-related disability: A prospective population-based cohort study with 1-year follow-up

**Version:** 2  **Date:** 14 June 2010

**Reviewer:** Rita Patterson

**Reviewer's report:**

This is a very well written manuscript that provides prospective information on distal radius fractures. The authors provide detailed information on the research design and statistical analysis used. Could the authors please respond to just a few questions that I consider minor essential revisions.

1. Did the authors screen for injuries to the contralateral wrist? If this wrist is being used as a control injuries here could pose a problem.

2. Statistical Analysis section: The paper states that the DASH has statistically significant effects as listed on Table 2. I only see only sex, dorsal tilt 1 year and ulnar variance 1 year as significant to 0.05 level. Please clarify and state what your criteria are for significance.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**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.