Reviewer's report

**Title:** Reliability and validity of the Norwegian version of the Disabilities of the arm, shoulder and hand questionnaire in patients with shoulder impingement syndrome

**Version:** 2  **Date:** 29 December 2013

**Reviewer:** Christina Gummesson

**Reviewer's report:**

This methodological study is well defined and for most parts clearly described in the manuscript.

My comments on areas to clarify are listed below:

**Background**

1. Second paragraph, please inform readers about common symptoms in this population (with shoulder impingement), to further guide why it is relevant to do a reliability and validity study on this patient group.

**Method**

2. Because of the large SD for symptom duration, please also add range.

3. Please inform readers about reliability and validity results for the Norwegian versions of the other outcome measures used for the correlation analyses.

4. Please add the rationale for calculating MDC in a reliability study. MDC usually refers to change and requires measures from participants with change in symptom/function. In this study participants with long-lasting symptoms have reported their symptom/function with a mean of 7 days between the measures. The paper may benefit from removing the MDC.

5. Did you have any question at the second occasion to measure any perceived change in symptoms?

**Discussion**

6. How are your results in relation to other studies using DASH in patient populations with shoulder impingement? Please add in the discussion.

7. It would be interesting if you discuss your findings in the light of only using a specific diagnosis for the data collection. Please add a section about limitations.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable
Statistical review: Yes, and I have assessed the statistics in my report.