Reviewer's report

**Title:** A pilot study using Tissue Velocity Ultrasound Imaging (TVI) to assess muscle activity pattern in patients with chronic trapezius myalgia

**Version:** 2  **Date:** 8 July 2008

**Reviewer:** Albert Crenshaw

**Reviewer's report:**

I feel that the authors have, for the most part, adequately responded to my original critiques; my major concern dealt with refocusing the paper to be more about new methodology and less regarding the experimental outcomes between healthy subjects and patients. There are still a few points and typos that should warrant attention of the authors.

Minor Revisions:

1. Pg. 6 (Methods): The subheading should be ‘Summary of Methods’, i.e. remove ‘Subjects’.
2. Pg 19 (Univariate analyses…), line 4: replace ‘accordingly’ with ‘regarding’.
3. Pg. 20-22: the authors refer to figures 5b-5d, but on the figures the labels read figure 6-8. This is an obvious oversight that needs correction.
4. Pg. 23 (Methodological considerations section), line 12: Replace ‘Off’ with ‘Of’
5. Pg. 23 (Methodological considerations section), line 16: I am uncertain of the use of ‘centring’ in this context. Perhaps the word ‘centering’ would be more appropriate.
6. Pg. 24, 2nd para, line 1: Replace ‘use’ with ‘used’.
7. Pg. 24, 2nd para, line 6: Remove ‘a’.
8. Pg. 27, line 3: Replace ‘refereed’ with ‘referred’
9. Pg. 27, 2nd para, 2nd para, line 1: Replace ‘have’ with ‘has’.

**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