Reviewer's report

Title: Foot pressure distribution during walking in young and old

Version: 4 Date: 23 March 2005

Reviewer: Max M Bulsara

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I have had a look at the manuscript and I can understand the concerns Reviewer 1 has regarding statistical analysis. The sample size is small, however they have many repeated measures and as such does increase their power. They could use a Non-parametric Repeated-measures ANOVA (Friedman's Test) with a multiple-comparison adjustment (there is a non-parametric equivalent, similar to Tukey procedure).
Alternatively they could use a Generalised Linear Mixed Model approach which is very robust and does not require an assumption of normality for the dependent variable but does require the residuals to have a normal distribution. This method also allows them to use all the data they have collected, not just Maximum or Mean values.