Reviewer's report

Title: Measurement of three-dimensional morphological characteristics of the calcaneus using CT image post-processing

Version: 3 Date: 11 December 2013

Reviewer: Zhongmin Shi

Reviewer's report:

Minor Essential Revisions

1. Delete the last sentence of the first paragraph in the Introduction part.
2. In table 2, authors list the data of the calcaneus containing the mean value of parameters. It seems that the value of Böhler angle is unusual in the table, whether the author measured Böhler angle as described in the Methods part. Are there any errors in your lab book about this angle? Please measure the Böhler's angle again in the software and check your original data.
3. Is the interobserver ICC average among the three investigators? Please mention this in the Figure –legend as well as at the end paragraph in the Results part.
4. Add references to “those available in the literature” in the second paragraph and “that mentioned in the literature” at the end of the fourth paragraph in the Discussion part.
5. The Discussion part should be shortened and condensed.

Discretionary Revisions

1 It will be much better if more data from the cadaveric dissection could be used and compared with the author’s data from 3D image post-processing.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I have nothing to declare.