Reviewer’s report

Title: The influence of computer-assisted surgery on rotational, coronal and sagittal alignment in revision total knee arthroplasty

Version: 2 Date: 25 March 2013

Reviewer: Masahiro Hasegawa

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Major Compulsory Revisions

Since tibial and femoral revision components are placed with press-fit stems, the alignment of the components may be influenced by the stem. Do surgeons place the components according to navigation system?

The authors should add more detail description about ORTHOsoft Navitrack® navigation system. Do surgeons identify the anatomical landmarks after removing the implants? If so, how is limb alignment determined in the navigation system?

How do surgeons determine rotational alignment during operation? Do the authors consider that surgical epicondylar axis is identified in all knees?

It would be better to add clinical results in both groups.

Level of interest: An article of limited interest

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.