Reviewer’s report

Title: Mid-term clinical results of primary total knee arthroplasty using metal block augmentation and stem extension in patients with rheumatoid arthritis

Version: 2  Date: 9 June 2015

Reviewer: Ulf Jens Schlegel

Reviewer’s report:

Minor Essential Revisions:
The manuscript has improved considerably with the changes made by the authors. However, there are still some points that need to be addressed:

A cementation technique omitting pulsed lavage and vacuum mixing cannot be considered “state of the art”. Especially pulsatile lavage has been shown to improve interface strength significantly while reducing radiolucent lines at the cement-bone interface. In my eyes this is a possible explanation for the larger number of radiolucencies. This must be discussed and added as a limitation.

Apparently, the main limitation of the study is the high number of knees (n=8) lost to FU. Finally only 18 knees remained for survival analysis. Furthermore bilateral patients were included in the patient pool. Thus, this must be considered a major limitation that must be clearly stated in the abstract and discussion.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests