Reviewer’s report

Title: Mid-term Results of Stryker Scorpio Plus Mobile Bearing Total Knee Arthroplasty

Version: 1 Date: 2 November 2011

Reviewer number: 2

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General
This study reported mid-term results of Scorpio plus mobile bearing total knee arthroplasty. This is the first study reported clinical results of this particular implant. However, the purposes of this study are not clear. Only reporting mid-term results of “new implant” will not give important information to the readers.

Introduction
What is the difference of design between this implant and the other mobile bearing system? What did the authors expect this implant to perform based on the design characteristics?

Why did the author compare RA and OA? What did the authors make clear from this comparison?

Patients
Thirty two patients were lost to follow-up. This is one of the limitations of this study. Please discuss the effect of decreasing a number of patients.

Briefly describe the difference of background of RA and OA in the text.

Surgical Technique
Line 7
What is the proper soft-tissue balance? Did the author use any device to evaluate soft tissue balance?

Results
Please quote the figure and the table.

Do not repeat results given in a table in a figure. Please describe important aspects of the data in the text.

Which group had dislocation of the insert?

Discussion
Please discuss the effect of design characteristics of this implant on clinical
results.

3rd paragraph
How was the tension and alignment of the case with polyethylene dislocation?

**Level of interest:** An article of limited interest

**Quality of written English:** Needs some language corrections before being published

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