Reviewer’s report

Title: Spontaneous patella fracture associated with anterior tibial tubercle pseudoarthrosis in a Revised Knee Replacement following Knee Arthrodesis

Version: 1 Date: 21 August 2013

Reviewer: Jan-M. Brandt

Reviewer’s report:

Minor Essential Revisions required.

The present paper addresses a problem that can arise with total knee replacements in patients that had arthrodesis initially. The authors may want to check for grammatical errors and revise the references according to journal specifications and Vancouver style (xxx et al. [ref], not the [ref] at the end of the sentence) throughout the text. Last sentence on page 6, please replace “we could not found…” with “we did not find”. The authors may want to clarify if the patella union shown in Figure 4b was of bony nature of indeed only fibrous, as suspected by the reviewer. Page 7: Authors may want to stress out that patients with arthrodesis should initially receive a posterior substituting design TKR instead of a cruciate retaining TKR. Cite a paper that shows improved outcome with PS knees; PS gold standard? Page 8, third line: Repalce “we don’t know” with “we are uncertain” as it sounds more scientific. Other than that this is a good report and of value to the experts in the field.

Level of interest: An article whose findings are important to those with closely related research interests

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

Statistical review: Yes, and I have assessed the statistics in my report.