Reviewer’s report

Title: Smoking and primary total hip or knee replacement due to osteoarthritis in 54,288 elderly men and women

Version: 2 Date: 5 August 2013

Reviewer: Jari P Arokoski

Reviewer’s report:

Although the study has several strengths, the study have two limitations.

1. It seems that authors are unable to assess other potential confounders (i.e. joint injuries or past stressful physical work). The effects of these variables are usually taken into account, when examining risk factors for knee and hip OA.

2. Secondly, exclusion of those with definite hip or knee OA at the baseline seems to be impossible. Knee/hip OA may have been present at baseline.

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.