

Summary of research proposal LROI



Title:

Assessment of patient-related factors in TKR revisions in The Netherlands: analysis of Dutch Arthroplasty Register (LROI) data

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Abstract:

Total knee replacement (TKR) results in a satisfactory outcome in the majority of patients, although up to one in five patients may be dissatisfied with the outcome. Persistent pain is a main contributor to patient dissatisfaction, and component malposition has been identified as a potential cause for persistent pain. Early revision for symptomatic malpositioned components has been advocated for patients presenting with complaints after TKR. There is no literature providing evidence for an association between component malposition and patient-related factors such as age, sex, general health, previous surgeries, and pre-operative PROMs. Therefore, if revision is performed for malposition, the distribution of these factors will probably not be different from patients undergoing revision for other reasons. However, if the distribution is different, then other factors than malposition might be related to dissatisfaction leading to revision.

Our hypothesis is that in patients undergoing revision for component malposition, the patient-related factors are not different from patients undergoing revision for other reasons. The aim of this study is to assess the patient-related factors in TKR revisions for different reasons.

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