

Summary of research proposal LROI



Title:

Factors influencing usage and outcome of unicompartmental knee arthroplasty

Authors:

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Abstract:

Despite proven advantages of unicompartmental knee arthroplasty (UKA) in terms of higher range of motion, better PROMs, lower morbidity and mortality, their usage remains limited compared to total knee arthroplasty. Partly this may be the result of disappointing registry results in the past. Therefore, we aim to analyse the usage and outcome of UKA based on registry data of the Dutch Arthroplasty Register. The effect of hospital volume on revision risk will be analysed and factors that potentially influence UKA usage, such as the supplier contracted for the total knee and knee arthroplasty centre volume, will be compared between hospitals using UKAs or not. Finally, the association between UKA volume and ASA distribution will be studied.

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